
User Interface API Developer Guide

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CONTENTS

Chapter 1: Get Started with User Interface API	1
User Interface API Quick Start	2
User Interface API Sample Apps	12
Supported Objects	12
Authentication, Versioning, Limits, ETag, and More	18
Response Body Encoding	19
Use CORS to Access Salesforce Resources from Web Browsers	20
Status Codes and Error Responses	20
Chapter 2: User Interface API Features	22
Work with Records	22
Get Child Records	23
Build UI for Picklists	25
Upload Binary Files	30
Work with Actions	31
Manage Favorites	32
Work with List Views	36
Manage Apps	39
Chapter 3: User Interface API Resources	41
Records	41
Get Record Data and Object Metadata	42
Get Record Layout Metadata	45
Get a Directory of Supported Objects	46
Get Object Metadata	47
Get Values for a Picklist Field	47
Get Values for All Picklist Fields of a Record Type	48
Get Child Records	48
Get a Record	50
Get a Batch of Records	53
Create a Record	56
Get Default Values to Clone a Record	58
Get Default Values to Create a Record	59
Update a Record	61
Delete a Record	62
Get Lookup Field Suggestions	63
Get Lookup Field Suggestions for a Specified Object	66
Actions	68
Get Global Actions	68

Contents

Get Record Detail Page Actions	70
Get Record Edit Page Actions	73
Get Related List Actions	75
Get Related List Record Actions	77
Get List View Header Actions	79
Get List View Record Actions	82
Get List View Chart Actions	85
Get Lightning Page Actions	87
Get Lookup Field Actions	89
Get MRU List View Actions	91
Get Photo Actions	93
Favorites	95
Create a Favorite	96
Get a Favorite	97
Get Favorites	98
Update a Favorite	98
Update a Batch of Favorites	100
Delete a Favorite	100
Update Usage of a Favorite	101
List Views	101
Get List Views for an Object	102
Get List View Records	103
Get List View Metadata	107
Get List View Records and Metadata	109
Get Most Recently Used List View Records	113
Get Most Recently Used List View Metadata	116
Get Most Recently Used List View Records and Metadata	117
Apps	121
Get Apps	121
Get an App	124
Update Last Selected App	126
Get Last Selected App	128
Get Personalized Navigation Items	130
Get All Navigation Items	132
Get Active Theme	134
Chapter 4: User Interface API Request Bodies	135
Favorite Batch Collection Input	135
Favorite Batch Input	136
Favorite Input	136
Record Input	137
Chapter 5: User Interface API Response Bodies	140
User Interface API Top-Level Response Bodies	140

Contents

Action	141
App	142
Apps	143
Batch Results	144
Favorite	144
Favorite Collection	145
List Metadata	145
List Record Collection	146
List UI	146
List View Summary Collection	147
Lookup Values	147
Most Recently Used List Metadata	148
Most Recently Used List Record Collection	149
Most Recently Used List UI	149
Navigation Items	149
Object Info	150
Object Info Directory	152
Picklist Values	153
Picklist Values Collection	154
Record	154
Record Collection	155
Record Defaults	156
Record Layout	156
Record UI	157
Theme	158
User Interface API Nested Response Bodies	159
Batch Result Item	161
Canvas Layout Component	162
Child Relationship	164
Custom Link Layout Component	165
Duplicate Record Error	166
Error Message	166
Error with Output	166
Field	167
Field Layout Component	171
Field Value	171
Filtered Lookup Info	172
Lead Status Picklist Value Attributes	172
List Column	173
List Filter by Info	173
List Order by Info	174
List Reference	174
List User Preference	174
List View ID	175

Contents

List View Summary	175
Location Field	175
Match Result	176
Navigation Item	176
Object Action	180
Object Info Directory Entry	180
Opportunity Stage Picklist Value Attributes	181
Page Reference	181
Picklist Value	182
Platform Action	182
Record Exceptions	185
Record Exception Error	186
Record Layout Component	186
Record Layout Item	187
Record Layout Row	188
Record Layout Section	188
Record Layout Section User State	189
Record Layout User State	189
Record Type Info	189
Reference To Info	190
Report Layout Component	190
Theme Banner	191
Theme Image	191
Theme Info	192
Visualforce Layout Component	192
Index	194

CHAPTER 1 Get Started with User Interface API

Build Salesforce UI for native mobile apps and custom web apps using the same API that Salesforce uses to build Lightning Experience and Salesforce for Android, iOS, and mobile web. Build user interfaces that let users work with records, list views, actions, favorites, and more. Not only do you get data and metadata in a single response, but the response matches metadata changes made to the org by Salesforce admins. You don't have to worry about layouts, picklists, field-level security, or sharing—all you have to do is build an app that users love.

The User Interface API base URL is

`https://{your_instance}.salesforce.com/services/data/v{api_version}/ui-api.`

The Record UI resource shows the power of User Interface API. To display a record, your code makes this simple request:

```
GET /ui-api/record-ui/001R0000003GeJ1IAK
```

Behind the scenes, Salesforce does the heavy lifting.

- Checks field-level security settings, sharing settings, and perms.
- Makes SOQL queries to get record data.
- Gets object metadata and theme information.
- Gets layout information.

You are one happy developer, because Salesforce transforms the results into an easy-to-consume JSON response with all the metadata and data necessary to display the record.

In addition to building UI for Salesforce records, you can also use User Interface API to build UI for Salesforce actions, favorites, and list views.

EDITIONS

Available in: **Enterprise**, **Performance**, **Unlimited**, and **Developer** Editions

[User Interface API Quick Start](#)

The best way to learn an API is to use it. Let's go!

[User Interface API Sample Apps](#)

We've built two sample apps that use User Interface API to create, read, update, and delete records. The apps are open-source and available on GitHub.

[Supported Objects](#)

User Interface API supports all custom objects and many standard objects.

[Authentication, Versioning, Limits, ETag, and More](#)

Learn the high-level facts about how to use User Interface API. How do you authenticate? How is the API versioned? What are the rate limits? All the information you need, available at a glance.

[Response Body Encoding](#)

Responses are minimally HTML entity-encoded by default.

[Use CORS to Access Salesforce Resources from Web Browsers](#)

Cross-Origin Resource Sharing (CORS) enables web browsers to request resources from origins other than their own (cross-origin). For example, using CORS, JavaScript code at `https://www.example.com` could request a resource from `https://www.salesforce.com`. To access supported Salesforce APIs, Apex REST resources, and Lightning Out from JavaScript code in a web browser, add the origin serving the code to a Salesforce CORS whitelist.

Status Codes and Error Responses

The response header contains an HTTP status code. If the response isn't successful, the response body contains an error message, and if appropriate, information about the field or object where the error occurred.

User Interface API Quick Start

The best way to learn an API is to use it. Let's go!

Sign up for a [Salesforce Developer Edition](#) (also known as a *DE org*).

This quick start makes a request to the Record UI resource, `/ui-api/record-ui/{recordIds}`. This resource returns all the information necessary to display a record in an app: layout metadata, object metadata, and record data.

1. Go to the [Workbench](#) API utility.

2. Log in to your DE org.

3. Select **utilities > Rest Explorer**.

4. Make a GET request to `/ui-api/object-info/`.

The response is a directory of all the objects that User Interface API supports and the context user has access to. Grab an object `apiName` from the response to use in the next request. This example uses the Account object.

5. Make a GET request to `/query?q=SELECT Id FROM {objectApiName}`.

Here's an example request:

```
/query?q=SELECT Id FROM Account
```

The Record UI resource requires a record ID. Grab one from the response to use in the next request.

6. Make a GET request to `/ui-api/record-ui/{recordIds}`. Substitute the record ID from the previous step.

Here's an example request:

```
GET /ui-api/record-ui/001R00000003GeJ1IAK
```

Use request parameters to specify the form factor (Large, Medium, Small), layout type (Compact, Full), and access mode (Create, Edit, View) of the record (or records). This example uses the default values, which are Large form factor, Full layout, and View mode.

The response includes nested response bodies. Each response body is a map because you can pass a list of record IDs to the request (for example, `/ui-api/record-ui/001R00000003GeJ1IAK,001R00000003GKR0IAO`). In our example, we passed only 1 record ID.

- `layoutUserStates`—A map of layout user state IDs to user state information for each layout section
- `layouts`—A map of object API names to user type layout information for each object
- `objectInfos`—A map of object API names to metadata for each object
- `records`—A map of record IDs to data for each record



Tip: To get these response bodies individually, use `GET /ui-api/layout/{objectApiName}`, `GET /ui-api/object-info/{objectApiName}`, and `GET /ui-api/records/{recordId}`.

```
{
  "layoutUserStates": {
    "00hR0000000NurZIAS": {
      "id": "00hR0000000NurZIAS",
      "sectionUserStates": {
```



```

        "01BR0000000UjAhMAK":{
            "collapsed":false,
            "id":"01BR0000000UjAhMAK"
        },
        "01BR0000000UjAmMAK":{
            "collapsed":false,
            "id":"01BR0000000UjAmMAK"
        }
    }
},
"layouts":{
    "Account":{
        "0120000000000000AAA":{
            "Full":{
                "View":{
                    "id":"00hR0000000NurZIAS",
                    "layoutType":"Full",
                    "mode":"View",
                    "sections":[
                        {
                            "collapsible":false,
                            "columns":2,
                            "heading":"Account Information",
                            "id":"01BR0000000UjAhMAK",
                            "layoutRows":[
                                {
                                    "layoutItems":[
                                        {
                                            "editableForNew":false,
                                            "editableForUpdate":false,
                                            "label":"Account Owner",
                                            "layoutComponents":[
                                                {
                                                    "apiName":"OwnerId",
                                                    "componentType":"Field",
                                                    "label":"Owner ID"
                                                }
                                            ],
                                            "lookupIdApiName":"OwnerId",
                                            "required":false,
                                            "sortable":false
                                        },
                                        {
                                            "editableForNew":true,
                                            "editableForUpdate":true,
                                            "label":"Phone",
                                            "layoutComponents":[
                                                {
                                                    "apiName":"Phone",
                                                    "componentType":"Field",
                                                    "label":"Account Phone"
                                                }
                                            ]
                                        }
                                    ],
                                }
                            ]
                        }
                    ]
                }
            }
        }
    }
},

```

```

        "lookupIdApiName":null,
        "required":false,
        "sortable":false
    }
]
},
{
    "layoutItems":[
        {
            "editableForNew":true,
            "editableForUpdate":true,
            "label":"Account Name",
            "layoutComponents":[
                {
                    "apiName":"Name",
                    "componentType":"Field",
                    "label":"Account Name"
                }
            ],
            "lookupIdApiName":"Id",
            "required":true,
            "sortable":false
        },
        {
            "editableForNew":true,
            "editableForUpdate":true,
            "label":"Fax",
            "layoutComponents":[
                {
                    "apiName":"Fax",
                    "componentType":"Field",
                    "label":"Account Fax"
                }
            ],
            "lookupIdApiName":null,
            "required":false,
            "sortable":false
        }
    ]
},
{
    "layoutItems":[
        {
            "editableForNew":true,
            "editableForUpdate":true,
            "label":"Parent Account",
            "layoutComponents":[
                {
                    "apiName":"ParentId",
                    "componentType":"Field",
                    "label":"Parent Account ID"
                }
            ],
            "lookupIdApiName":"ParentId",

```

```

        "required":false,
        "sortable":false
    },
    {
        "editableForNew":true,
        "editableForUpdate":true,
        "label":"Website",
        "layoutComponents":[
            {
                "apiName":"Website",
                "componentType":"Field",
                "label":"Website"
            }
        ],
        "lookupIdApiName":null,
        "required":false,
        "sortable":false
    }
]
}
],
"rows":3,
"useHeading":false
},
... sections removed for space ...
{
    "collapsible":true,
    "columns":3,
    "heading":"Custom Links",
    "id":"01BR0000000UjAmMAK",
    "layoutRows":[
        {
            "layoutItems":[
                {
                    "editableForNew":false,
                    "editableForUpdate":false,
                    "label":"",
                    "layoutComponents":[
                        {
                            "apiName":"GoogleSearch",
                            "behavior":"NewWindow",
                            "componentType":"CustomLink",
                            "customLinkUrl":"/servlet/servlet.Integration?lid=00bR00000000ICHb&eid=ENTITY_ID&ic=1",
                            "label":"Google Search"
                        }
                    ],
                    "lookupIdApiName":null,
                    "required":false,
                    "sortable":false
                },
                {
                    "editableForNew":false,
                    "editableForUpdate":false,

```

```

        "label": "",
        "layoutComponents": [
            {
                "apiName": "GoogleNews",
                "behavior": "NewWindow",
                "componentType": "CustomLink",
                "customLinkUrl": "/servlet/servlet.Integration?lid=00bR0000000ICHa&eid=ENTITY_ID&ic=1",
                "label": "Google News"
            }
        ],
        "lookupIdApiName": null,
        "required": false,
        "sortable": false
    }
]
},
{
    "layoutItems": [
        {
            "editableForNew": false,
            "editableForUpdate": false,
            "label": "",
            "layoutComponents": [
                {
                    "apiName": "HooversProfile",
                    "behavior": "NewWindow",
                    "componentType": "CustomLink",
                    "customLinkUrl": "/servlet/servlet.Integration?lid=00bR0000000ICHc&eid=ENTITY_ID&ic=1",
                    "label": "Hoovers Profile"
                }
            ],
            "lookupIdApiName": null,
            "required": false,
            "sortable": false
        },
        {
            "editableForNew": false,
            "editableForUpdate": false,
            "label": "",
            "layoutComponents": [
                {
                    "apiName": null,
                    "componentType": "EmptySpace"
                }
            ],
            "lookupIdApiName": null,
            "required": false,
            "sortable": false
        }
    ]
}
],

```

```

        "rows":2,
        "useHeading":true
    }
    ]
    }
    }
    }
    },
    "objectInfos":{
        "Account":{
            "apiName":"Account",
            "childRelationships":[
                {
                    "childObjectApiName":"Account",
                    "fieldName":"ParentId",
                    "junctionIdListNames":[

                    ],
                    "junctionReferenceTo":[

                    ],
                    "relationshipName":"ChildAccounts"
                },
                ... some child relationships removed for space ...
                {
                    "childObjectApiName":"WorkOrder",
                    "fieldName":"AccountId",
                    "junctionIdListNames":[

                    ],
                    "junctionReferenceTo":[

                    ],
                    "relationshipName":"WorkOrders"
                }
            ],
            "createable":true,
            "custom":false,
            "defaultRecordTypeId":null,
            "deleteable":true,
            "feedEnabled":true,
            "fields":{
                "AccountSource":{
                    "apiName":"AccountSource",
                    "calculated":false,
                    "compound":false,
                    "compoundComponentName":null,
                    "compoundFieldName":null,
                    "controllerName":null,
                    "createable":true,
                    "custom":false,
                    "dataType":"Picklist",
                    "extraTypeInfo":null,

```

```

    "filterable":true,
    "filteredLookupInfo":null,
    "highScaleNumber":false,
    "htmlFormatted":false,
    "inlineHelpText":null,
    "label":"Account Source",
    "length":40,
    "nameField":false,
    "polymorphicForeignKey":false,
    "precision":0,
    "reference":false,
    "referenceTargetField":null,
    "referenceToInfos":[

],
    "relationshipName":null,
    "required":false,
    "scale":0,
    "searchPrefilterable":false,
    "sortable":true,
    "unique":false,
    "updateable":true
},
... some field info removed for space ...
"Website":{
    "apiName":"Website",
    "calculated":false,
    "compound":false,
    "compoundComponentName":null,
    "compoundFieldName":null,
    "controllerName":null,
    "createable":true,
    "custom":false,
    "dataType":"Url",
    "extraTypeInfo":null,
    "filterable":true,
    "filteredLookupInfo":null,
    "highScaleNumber":false,
    "htmlFormatted":false,
    "inlineHelpText":null,
    "label":"Website",
    "length":255,
    "nameField":false,
    "polymorphicForeignKey":false,
    "precision":0,
    "reference":false,
    "referenceTargetField":null,
    "referenceToInfos":[

],
    "relationshipName":null,
    "required":false,
    "scale":0,
    "searchPrefilterable":false,

```

```

        "sortable":true,
        "unique":false,
        "updateable":true
    }
},
"keyPrefix":"001",
"label":"Account",
"labelPlural":"Accounts",
"layoutable":true,
"mruEnabled":true,
"nameFields":[
    "Name"
],
"queryable":true,
"recordTypeInfo":{"
    "0120000000000000AAA":{"
        "available":true,
        "defaultRecordTypeMapping":true,
        "master":true,
        "name":"Master",
        "recordTypeId":"0120000000000000AAA"
    }
},
"searchable":true,
"themeInfo":{"
    "color":"7F8DE1",
    "iconUrl":"https://na7.salesforce.com/img/icon/t4v35/standard/account_120.png"
},
"updateable":true
},
"User":{"
    "apiName":"User",
    "childRelationships":[
        {
            "childObjectApiName":"AcceptedEventRelation",
            "fieldName":"RelationId",
            "junctionIdListNames":[]
        },
        {
            "childObjectApiName":"WorkThanks",
            "fieldName":"GiverId",
            "junctionIdListNames":[]
        }
    ],
    "relationshipName":"AcceptedEventRelations"
},
... some child relationships removed for space ...
{
    "childObjectApiName":"WorkThanks",
    "fieldName":"GiverId",
    "junctionIdListNames":[]
},
    "junctionReferenceTo":[]
}

```

```

        ],
        "relationshipName": "GivenThanks"
    }
],
"createable": true,
"custom": false,
"defaultRecordTypeId": null,
"deleteable": false,
"feedEnabled": true,
"fields": {
    "AboutMe": {
        "apiName": "AboutMe",
        "calculated": false,
        "compound": false,
        "compoundComponentName": null,
        "compoundFieldName": null,
        "controllerName": null,
        "createable": true,
        "custom": false,
        "dataType": "TextArea",
        "extraTypeInfo": "PlainTextArea",
        "filterable": true,
        "filteredLookupInfo": null,
        "highScaleNumber": false,
        "htmlFormatted": false,
        "inlineHelpText": null,
        "label": "About Me",
        "length": 1000,
        "nameField": false,
        "polymorphicForeignKey": false,
        "precision": 0,
        "reference": false,
        "referenceTargetField": null,
        "referenceToInfos": [

        ],
        "relationshipName": null,
        "required": false,
        "scale": 0,
        "searchPrefilterable": false,
        "sortable": true,
        "unique": false,
        "updateable": true
    },
    ... fields removed for space ...
"Username": {
    "apiName": "Username",
    "calculated": false,
    "compound": false,
    "compoundComponentName": null,
    "compoundFieldName": null,
    "controllerName": null,
    "createable": true,
    "custom": false,

```



```

        "dataType": "String",
        "extraTypeInfo": null,
        "filterable": true,
        "filteredLookupInfo": null,
        "highScaleNumber": false,
        "htmlFormatted": false,
        "inlineHelpText": null,
        "label": "Username",
        "length": 80,
        "nameField": false,
        "polymorphicForeignKey": false,
        "precision": 0,
        "reference": false,
        "referenceTargetField": null,
        "referenceToInfos": [

        ],
        "relationshipName": null,
        "required": true,
        "scale": 0,
        "searchPrefilterable": false,
        "sortable": true,
        "unique": false,
        "updateable": true
    }
},
"keyPrefix": "005",
"label": "User",
"labelPlural": "People",
"layoutable": true,
"mruEnabled": true,
"nameFields": [
    "FirstName",
    "LastName",
    "Name"
],
"queryable": true,
"recordTypeInfos": {

},
"searchable": true,
"themeInfo": {
    "color": "65CAE4",
    "iconUrl": "https://na7.salesforce.com/img/icon/t4v35/standard/user_120.png"
},
"updateable": true
}
},
"records": {
    "001R0000003ILXdIAO": {
        "apiName": "Account",
        "childRelationships": {

        },

```

```

    "fields":{
      "AnnualRevenue":{
        "displayValue":null,
        "value":null
      },
      ... fields removed for space ...
      "Website":{
        "displayValue":null,
        "value":null
      }
    },
    "id":"001R00000003ILXdIAO",
    "recordTypeInfo":null
  }
}

```

User Interface API Sample Apps

We've built two sample apps that use User Interface API to create, read, update, and delete records. The apps are open-source and available on GitHub.

Record Viewer is a Node.js app available at <https://github.com/forcedotcom/RecordViewer>.

Record Viewer Native is a React Native app available at <https://github.com/forcedotcom/RecordViewerNative>.

Supported Objects

User Interface API supports all custom objects and many standard objects.

To get a directory of objects that are supported by the API and accessible to the context user, use the `/ui-api/object-info` resource.

To understand how the API operates on supported objects, let's look at some examples.

This resource gets object metadata. It operates on any supported object.

```
GET /ui-api/object-info/{objectApiName}
```

This example gets Account metadata.

```
GET /ui-api/object-info/Account
```

This resource gets record data and metadata. It operates on any supported object record.

```
GET /ui-api/record-ui/{recordIds}
```

This example gets data and metadata to display an Opportunity record.

```
GET /ui-api/record-ui/006RM000002XCd1YAG
```

Supported Objects

Most User Interface API resources support these objects. The [list views](#) and [most recently used \(MRU\) list views](#) resources support a smaller set of objects.

Supported objects:

- Account
- AccountContactRelation
- AccountPartner
- AccountTeamMember
- ActionCadence
- Asset
- AssetRelationship
- AssignedResource
- AttachedContentNote
- BusinessAccount
- Campaign
- CampaignMember
- CareBarrier
- CareBarrierType
- Case
- Contact
- ContactRequest
- ContentDocument
- ContentNote
- ContentVersion
- ContentWorkspace
- Contract
- ContractContactRole
- ContractLineItem
- Custom Object
- Entitlement
- EntityArchivingSetup
- EnvironmentHubMember
- Image
- Lead
- LicensingRequest
- MaintenanceAsset
- MaintenancePlan
- MarketingAction
- MarketingResource
- Note
- OperatingHours
- Opportunity
- OpportunityLineItem
- OpportunityPartner

- OpportunityTeamMember
- Order
- OrderItem
- OrderSummary
- Partner
- PersonAccount
- Pricebook2
- PricebookEntry
- Product2
- Quote
- QuoteDocument
- QuoteLineItem
- RecordType
- ResourceAbsence
- ResourcePreference
- RetailVisitKpi
- RetailVisitWorkTask
- ServiceAppointment
- ServiceContract
- ServiceCrew
- ServiceCrewMember
- ServiceResource
- ServiceResourceCapacity
- ServiceResourceSkill
- ServiceTerritory
- ServiceTerritoryLocation
- ServiceTerritoryMember
- Shift
- Shipment
- SkillRequirement
- SocialPost
- SurveyInvitation
- SurveyResponse
- SurveySubject
- Tenant
- TimeSheet
- TimeSheetEntry
- TimeSlot
- UsageEntitlement
- UsageEntitlementPeriod

- User
- Visit
- WorkOrder
- WorkOrderLineItem
- WorkType

Supported Objects for List Views

The list views resources support a subset of objects.

List views resources:

- `/ui-api/list-ui/${objectApiName}`
- `/ui-api/list-info/${listViewId}` and `/ui-api/list-info/${objectApiName}/${listViewApiName}`
- `/ui-api/list-records/${listViewId}` and `/ui-api/list-records/${objectApiName}/${listViewApiName}`
- `/ui-api/list-ui/${listViewId}` and `/ui-api/list-ui/${objectApiName}/${listViewApiName}`

Supported objects for list views resources:

- Account
- ActionCadence
- Asset
- Campaign
- Case
- Contact
- ContactRequest
- ContentVersion
- Contract
- Custom Object
- Entitlement
- EntityMilestone
- EnvironmentHubMember
- Image
- Lead
- MaintenancePlan
- OperatingHours
- Opportunity
- Order
- OrderSummary
- Pricebook2
- Product2
- Quote
- ResourcePreference
- RetailVisitKpi

- RetailVisitWorkTask
- ReturnOrder
- ServiceAppointment
- ServiceContract
- ServiceCrew
- ServiceCrewMember
- ServiceResource
- ServiceResourceSkill
- ServiceTerritory
- ServiceTerritoryMember
- Shift
- Shipment
- SkillRequirement
- SocialPost
- SurveyInvitation
- SurveyResponse
- SurveySubject
- Tenant
- TimeSheet
- TimeSheetEntry
- Visit
- WorkOrder
- WorkOrderLineItem
- WorkType

Supported Objects for MRU List Views

The MRU list views resources support a subset of objects.

MRU list views resources:

- `/ui-api/mru-list-info/${objectApiName}`
- `/ui-api/mru-list-records/${objectApiName}`
- `/ui-api/mru-list-ui/${objectApiName}`

Supported objects for MRU list views resources:

- Account
- ActionCadence
- Asset
- Campaign
- Case
- Contact
- ContactRequest
- Contract
- Entitlement

- EnvironmentHubMember
- Image
- Lead
- MaintenancePlan
- OperatingHours
- Opportunity
- Order
- OrderSummary
- Product2
- Pricebook2
- Quote
- ResourcePreference
- RetailVisitKpi
- RetailVisitWorkTask
- ReturnOrder
- Shift
- ServiceAppointment
- ServiceResource
- ServiceTerritory
- ServiceTerritoryMember
- ServiceResourceSkill
- ServiceCrew
- ServiceCrewMember
- ServiceContract
- Shipment
- SkillRequirement
- SocialPost
- SurveyInvitation
- SurveyResponse
- SurveySubject
- TimeSheet
- TimeSheetEntry
- Visit
- WorkType
- WorkOrder
- WorkOrderLineItem

SEE ALSO:

[Get a Directory of Supported Objects](#)

Authentication, Versioning, Limits, ETag, and More

Learn the high-level facts about how to use User Interface API. How do you authenticate? How is the API versioned? What are the rate limits? All the information you need, available at a glance.

Authentication

Like other Salesforce REST APIs, User Interface API uses OAuth 2.0. To specify OAuth settings, create a [connected app](#) in Salesforce. You can specify the `api` or `full` OAuth scopes.

Case Sensitivity

When writing a User Interface API client, assume case sensitivity. Some parts of the API aren't case-sensitive, but some are, so it's best to assume case sensitivity.

Communities User Access

Users with a Customer Community or Partner Community [User License](#) can access User Interface API.

Dates

Dates are represented in [ISO 8601](#) format.

HTTP Caching with ETag

To reduce network traffic and increase your app's response time, make conditional HTTP requests that take advantage of browser caching. If the browser cache holds the latest version of a representation, the web server returns only HTTP headers.

To take advantage of caching, User Interface API responses include an [ETag](#) header field. The ETag (or Entity Tag) contains a hash that identifies a representation: `ETag: "b9a5cd4fbfcf1b65b03d95a4d9ffa8f4--gzip"`. When a representation changes, the web server generates a new ETag.

```
GET /ui-api/object-info/account

HTTP/1.1 200 OK
Date: Tue, 07 Nov 2017 04:27:43 GMT
Strict-Transport-Security: max-age=31536000; includeSubDomains
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Content-Security-Policy: upgrade-insecure-requests
X-Robots-Tag: none
Cache-Control: no-cache,must-revalidate,max-age=0,no-store,private
Set-Cookie: BrowserId=GhrCS0saRl64DgVv-NrLjA; Path=/; Domain=.salesforce.com; Expires=Sat,
  06-Jan-2018 04:27:45 GMT; Max-Age=5184000
Expires: Thu, 01 Jan 1970 00:00:00 GMT
ETag: "b9a5cd4fbfcf1b65b03d95a4d9ffa8f4--gzip"
Content-Type: application/json;charset=UTF-8
Vary: Accept-Encoding
Content-Encoding: gzip
Transfer-Encoding: chunked

{
  "apiName" : "Account",
  "childRelationships" : [ {
    "childObjectApiName" : "Account",
    "fieldName" : "ParentId",
    "junctionIdListNames" : [ ],
    "junctionReferenceTo" : [ ],
    "relationshipName" : "ChildAccounts"
    ... response shortened ...
  }
```



```
    ] }
    ...
}
```

The client saves the ETag and sends it in a header in subsequent requests for the resource: `If-None-Match: "b9a5cd4fbfcf1b65b03d95a4d9ffa8f4"`. The web server compares this ETag value with the ETag value of the current version of the representation. If the values are the same, the browser cache holds the latest version and the web server returns an HTTP status of 304 Not Modified.

If-Modified-Since

PATCH requests support the [If-Modified-Since](#) HTTP header.

JSON Support

The JavaScript Object Notation (JSON) format is supported with UTF-8.

Limits

The User Interface API uses the [Salesforce API limits](#). When you exceed the rate limit, all User Interface API resources return a 503 Service Unavailable error code.

Versioning

User Interface API is versioned. Specify the API version number in each request.

```
GET https://{your_salesforce_instance}.salesforce.com/services/data/v46.0/ui-api
```

SEE ALSO:

[Digging Deeper into OAuth 2.0 on Salesforce](#)

Response Body Encoding

Responses are minimally HTML entity-encoded by default.

These characters are escaped in all strings:

Character	Escaped as
<	<
>	>
"	"
'	'
\	\
&	&

URL values included in response payloads have special encoding. The main part of the URL is URL-encoded as per [RFC2396](#), and the query string is HTML-form encoded. This encoding cannot be turned off.



Warning: User-submitted content may not be filtered at input and can come from many sources including third-party mobile and web applications. Process API output for the context in which your app uses the output. Failing to process output can expose applications and users to Cross Site Scripting (XSS) exploits and other problems. These problems can result in data loss, application failure, and exposure of company information.

API output can be used in many contexts. Don't assume that the default entity encoding is appropriate for all contexts. Using API output inside HTML attribute values, inside URLs, with JavaScript, inside `<script>` tags, and inside CSS all require different encoding and whitelisting. See [the Open Web Application Security Project](#) for information on how to handle API output in different contexts.

Clients can request raw (unencoded) output. Set the `X-Chatter-Entity-Encoding` HTTP header in a request to `false`.

Use CORS to Access Salesforce Resources from Web Browsers

Cross-Origin Resource Sharing (CORS) enables web browsers to request resources from origins other than their own (cross-origin). For example, using CORS, JavaScript code at `https://www.example.com` could request a resource from `https://www.salesforce.com`. To access supported Salesforce APIs, Apex REST resources, and Lightning Out from JavaScript code in a web browser, add the origin serving the code to a Salesforce CORS whitelist.

These Salesforce technologies support CORS.

- Analytics REST API
- Bulk API
- Chatter REST API
- Salesforce IoT REST API
- Lightning Out
- REST API
- User Interface API
- Apex REST


In Salesforce, add the origin serving the code to a CORS whitelist. If a browser that supports CORS makes a request to an origin in the whitelist, Salesforce returns the origin in the `Access-Control-Allow-Origin` HTTP header, along with any additional CORS HTTP headers. If the origin is not included in the whitelist, Salesforce returns HTTP status code 403.

1. From Setup, enter `CORS` in the `Quick Find` box, then select **CORS**.
2. Select **New**.
3. Enter an origin URL pattern.

The origin URL pattern must include the HTTPS protocol (unless you're using your localhost) and a domain name and can include a port. The wildcard character (*) is supported and must be in front of a second-level domain name. For example, `https://*.example.com` adds all subdomains of `example.com` to the whitelist.

The origin URL pattern can be an IP address. However, an IP address and a domain that resolve to the same address are not the same origin, and you must add them to the CORS whitelist as separate entries.

The origin URL pattern might not match the URL that appears in the address bar in your browser. Make sure that you're whitelisting the origin in the request header.

 **Important:** CORS does not support requests for unauthenticated resources, including OAuth endpoints. You must pass an OAuth token with requests that require it.

EDITIONS

Available in: Salesforce Classic ([not available in all orgs](#)) and Lightning Experience

Available in: **Developer, Enterprise, Performance, and Unlimited**

USER PERMISSIONS

To create, read, update, and delete:

- Modify All Data

Status Codes and Error Responses

The response header contains an HTTP status code. If the response isn't successful, the response body contains an error message, and if appropriate, information about the field or object where the error occurred.

HTTP Status Code	Description
200	Success with GET, PATCH, or HEAD request
201	Success with POST request
204	Success with DELETE
400	The request could not be understood, usually because the ID is not valid for the particular resource.
401	The session ID or OAuth token has expired or is invalid. Or, if the request is made by a guest user, the resource isn't accessible to guest users. The response body contains the <code>message</code> and <code>errorCode</code> .
403	The request has been refused. Verify that the context user has the appropriate permissions to access the requested data, or that the context user is not an external user.
404	Either the specified resource was not found, or the resource has been deleted.
409	A conflict has occurred. For example, an attempt was made to update a request to join a group, but that request had already been approved or rejected.
412	A precondition has failed. For example, in a batch request, if <code>haltOnError</code> is <code>true</code> and a subrequest fails, subsequent subrequests return 412.
500	An error has occurred within Lightning Platform, so the request could not be completed. Contact Salesforce Customer Support.
503	Too many requests in an hour or the server is down for maintenance.

Example

This request requires a 15 or 18 character record ID, but this record ID doesn't contain enough characters:

```
GET /ui-api/record-ui/003R000000
```

The response body is:

```
HTTP/1.1 400 Bad Request
Date: Tue, 29 Nov 2016 00:16:36 GMT
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Content-Security-Policy: reflected-xss block;report-uri _/ContentDomainCSPNoAuth?type=xss
Content-Security-Policy:referrer origin-when-cross-origin
Set-Cookie: BrowserId=q27CK9tSSCeI3klUaYMo6A;Path=/;Domain=.salesforce.com;Expires=Sat,
28-Jan-2017 00:16:36 GMT
Expires: Thu, 01 Jan 1970 00:00:00 GMT
Content-Type: application/json;charset=UTF-8
Transfer-Encoding: chunked

[ {
  "errorCode" : "ILLEGAL_QUERY_PARAMETER_VALUE",
  "message" : "recordId should be a valid record ID: 003R000000"
} ]
```

CHAPTER 2 User Interface API Features

Learn to use User Interface API to work with various Salesforce features.

Build Salesforce UI for records, actions, and favorites.

Work with Records

Use User Interface API to build UI that lets users create, read, update, and delete Salesforce records. Let's look at two of the trickier aspects of the API: how to work with child relationships, and how to upload binary files to records.

Work with Actions

Use the Actions resources to get data and metadata about actions displayed in the Salesforce UI. Examples include standard and custom buttons, quick actions, and productivity actions.

Manage Favorites

Favorites let users access frequently used pages in Salesforce. Use User Interface API Favorites resources to manage favorites.

Work with List Views

Use the List View resources to get record data and metadata about list views displayed in the Salesforce UI.

Manage Apps

An app is a collection of items that work together to serve a particular function. Salesforce apps come in two flavors: Classic apps and Lightning apps. Classic apps are created and managed in Salesforce Classic. Lightning apps are created and managed in Lightning Experience. Admins customize both types of apps to match the way users work.

Work with Records

Use User Interface API to build UI that lets users create, read, update, and delete Salesforce records. Let's look at two of the trickier aspects of the API: how to work with child relationships, and how to upload binary files to records.



Note: User Interface API resources operate on all custom objects and [supported standard objects](#) on page 12.

Get Child Records

User Interface API has several resources that include child records in their responses. If a record has many child relationships, a response can be huge and have a negative effect on performance. To get only the records you need, request records for specific child relationships and set the page size of the results.

Build UI for Picklists

User Interface API exposes properties and resources that make it easy for a client to build picklists and dependent picklists.

Upload Binary Files

If a record has a Base64 field, you can upload binary data to the field when you create or update a record.

Get Child Records

User Interface API has several resources that include child records in their responses. If a record has many child relationships, a response can be huge and have a negative effect on performance. To get only the records you need, request records for specific child relationships and set the page size of the results.

There are multiple resources that return child records. All of them share some common functionality.

Specify a Child Relationship

Specify child relationships in the format ***ObjectApiName.ChildRelationshipName***. For example, to specify the Contacts relationship on an account, use `Account.Contacts`.

Specify spanning relationships in the format ***ObjectApiName.ChildRelationshipName.FieldApiName***. For example, to specify the account billing address for an opportunity, use `Opportunity.Account.BillingAddress`.

Paginated Responses

The child relationships records in the response are paginated and include URLs to get the next page and previous pages of child records. Use the `pageSize` parameter to specify the number of records per page. The default is 5.

Responses Include One Level of Child Relationships

User Interface API gets the first set of child relationships that it finds, it doesn't get the next level of child relationships. For example, this request gets the Opportunities on an Account record. If an opportunity in the response has a child relationship with another object, the API doesn't return that information.

```
GET /ui-api/record-ui/001R0000003IG0vIAG?childRelationships=Account.Opportunities
```

In this shortened response body, you see the first set of child relationships on the Account record, which in this case is three Opportunity records. The records in the next level of child relationships—on the Opportunity object—don't appear because it would make the response body too large.

```
...response shortened...
"records" : {
  "001RM000003TXRbYAO" : {
    "apiName" : "Account",
    "childRelationships" : {
      "Opportunities" : {
        "count" : 3,
        "currentPageUrl" :
"/services/data/v41.0/ui-api/records/001RM000003TXRbYAO/child-relationships/Opportunities?

        fields=%5BOpportunity.Name%2C%20Opportunity.Id%5D&page=1&pageSize=5",
        "nextPageUrl" : null,
        "previousPageUrl" : null,
        "records" : [ {
          "apiName" : "Opportunity",
          "childRelationships" : { },
          "fields" : {
            "AccountId" : {
              "displayValue" : null,
              "value" : "001RM000003TXRbYAO"
            },
            "Id" : {
              "displayValue" : null,
              "value" : "006RM000002XCGxYAO"
            },
            "Name" : {
```

```

        "displayValue" : null,
        "value" : "Acme - 1,200 Widgets"
    },
    "id" : "006RM000002XCGxYAO",
    "recordTypeInfo" : null
},

```

Resources That Return Child Records

Get Child Records for a Specific Record and Child Relationship

This example returns all the Contacts related to the Account record 001R0000003I6CoIAK.

```
/ui-api/records/001R0000003I6CoIAK/child-relationships/Contacts
```

The response is paginated. Use the `pageSize` parameter to specify the number of records per page. The default is 5.

```

{
    "count" : 5,
    "currentPageUrl" :

"/services/data/v41.0/ui-api/records/001R0000003I6CoIAK/child-relationships/Contacts?page=1&pageSize=5",

    "nextPageUrl" :

"/services/data/v41.0/ui-api/records/001R0000003I6CoIAK/child-relationships/Contacts?page=2&pageSize=5",

    "previousPageUrl" : null,
    "records" : [ {
        "apiName" : "Contact",
        "childRelationships" : { },
        "fields" : {
            "AccountId" : {
                "displayValue" : null,
                "value" : "001R0000003I6CoIAK"
            },
            "Id" : {
                "displayValue" : null,
                "value" : "003R0000007qXwQIAU"
            },
            "Name" : {
                "displayValue" : null,
                "value" : "John Smith"
            }
        },
        "id" : "003R0000007qXwQIAU",
        "recordTypeInfo" : null
    },
    ...
}

```

Get a Record and Include Child Records

This example gets the data for fields in the compact layout for an opportunity record with ID 006R0000001rboIIAQ. The response includes OpportunityCompetitors and Partners child records.

```
GET /ui-api/records/006R0000001rboIIAQ?layoutTypes=Compact&childRelationships=Opportunity.OpportunityCompetitors,Opportunity.Partners
```

Get a Batch of Records and Include Child Records

This example gets the Account.Name field and Account.Contacts child records for two accounts.

```
GET /ui-api/records/batch/001R00000003I6CeIAK,001R00000003I6CgIAK?fields=Account.Name&childRelationships=Account.Contacts
```

Get Record Data and Metadata and Include Child Records

The response for this request includes layout information, metadata, and record data. The record data includes child relationship data for Contacts and Opportunities.

```
GET /ui-api/record-ui/001R00000003I6CoIAK?childRelationships=Account.Contacts,Account.Opportunities
```

SEE ALSO:

[User Interface API Sample Apps](#)

[Get Child Records](#)

[Get a Record](#)

[Get a Batch of Records](#)

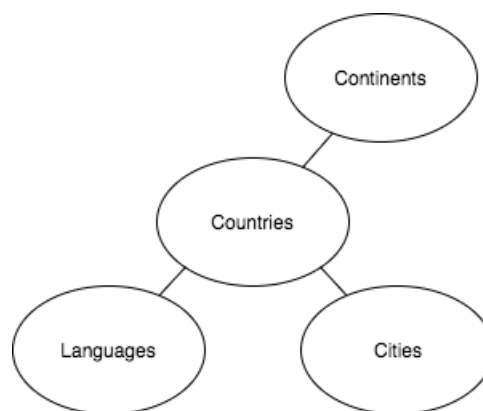
[Get Record Data and Object Metadata](#)

Build UI for Picklists

User Interface API exposes properties and resources that make it easy for a client to build picklists and dependent picklists.

Picklists are complicated UI elements, and dependent picklists are especially tricky. The values in a dependent picklist field are filtered based on the selection in another field, called a controlling field. A controlling field can be a picklist field or a checkbox field. For example, imagine a Continents picklist that controls a Countries picklist that controls a Cities picklist and a Languages picklist field.

Dependent picklists exist in a field dependency tree that shows a hierarchy of controlling and dependent fields. Each node in the tree can have any number of child nodes. To build UI, you need to know the complete hierarchy.



An object can have any number of field dependency trees. User Interface API exposes the collection of field dependency trees in a single property on each object called `dependentFields`. Each dependent field has a `controllingFields` property that lists the fields that control it. User Interface API also provides a batch resource to get all picklist values for a record type:

</ui-api/object-info/{objectApiName}/picklist-values/{recordTypeId}>.

Check for Picklists

To build UI to create, display, edit, and delete records, make a request to one of the User Interface API resources. The response from each of these resources includes an [Object Info](#) on page 150 response body, which contains the object metadata, including information about picklists.

- [Get Record Data and Object Metadata](#)
 - [Get Object Metadata](#)
 - [Get Default Values to Create a Record](#)
 - [Get Default Values to Clone a Record](#)
1. Parse the response for each field's `dataType`. If the `dataType` is `Picklist` or `MultiPicklist`, the field is a picklist.
 2. If you find a picklist, grab the `recordTypeId`, you'll use it in a request to get the picklist values.
 3. Parse the response for dependent picklists. If the field is a picklist and if the `controllingFields` property is non-null, the field is a dependent picklist.
 4. If the field is a dependent picklist, look at the `dependentFields` property on the object to see the tree structure of the object's dependent and controlling fields. A dependent picklist can depend on (be controlled by) standard or and custom picklists and checkboxes.

```
{
  ...
  "dependentFields" : {
    "Continents__c" : {
      "Countries__c" : {
        "Cities__c" : { },
        "Languages__c" : { },
      }
    }
  },
  ...
  "fields" : {
    "AccountSource" : {
      ...
      "controllingFields" : [ ],
      ...
      "dataType" : "Picklist",
      ...
    },
    "Cities__c" : {
      ...
      "controllingFields" : [ "Countries__c", "Continents__c" ],
      ...
      "dataType" : "Picklist",
      ...
    },
    "Continents__c" : {
      ...
    }
  }
}
```



```

        "controllingFields" : [ ],
        ...
        "dataType" : "Picklist",
        ...
    },
    "Countries__c" : {
        ...
        "controllingFields" : [ "Continents__c" ],
        ...
        "dataType" : "Picklist",
        ...
    },
    "Languages__c" : {
        ...
        "controllingFields" : [ "Countries__c", "Continents__c" ],
        ...
        "dataType" : "Picklist",
        ...
    },
    ...
    "recordTypeInfos" : {
        "0120000000000000AAA" : {
            ...
            "recordTypeId" : "0120000000000000AAA"
        }
    },
    ...
}

```

Here's a bit more info about the dependent and controlling fields properties.

- `{Object}.dependentFields`—A map of the dependent fields tree structure. Each nested object is another `Map<String, Object>`. When the object is empty, it indicates a leaf of the tree, which is a field that doesn't control other fields. An object can have multiple independent trees, which means this property can have multiple root objects.

Imagine an object with the picklists `Continents__c`, `Countries__c`, and `Cities__c`. `Continents__c` is the root. `Cities__c` is a leaf. `Continents__c` and `Countries__c` are controlling fields. `Countries__c` and `Cities__c` are dependent picklists.

- `{Field}.controllingFields`—If this field is a dependent picklist, this property is a collection of fields that control the values in the picklist. When there's a hierarchy of controlling fields, the collection starts with the immediate parent and moves up the tree.

Get Picklist Values

You know that the object has picklists, you know whether it has dependent picklists, and you know how the dependent picklists are controlled. It's time to get the picklist values.

1. Do one of the following:

- To retrieve the values for all picklists of a record type, make a request to [GET /ui-api/object-info/{objectApiName}/picklist-values/{recordTypeId}](#). It's handy to retrieve the values in a batch instead of requesting them for each field.
- To get the values for a single picklist, make a request to [GET /ui-api/object-info/{objectApiName}/picklist-values/{recordTypeId}/{fieldApiName}](#).

2. Get the values for independent picklists.

- a. To determine whether a picklist is independent, look at the `{Field}.controllingFields` property. If the property is empty, the picklist is independent.



Tip: If the `controllerValues` property is empty, like it is for the `AccountSource` field in the following example, the field isn't necessarily independent. If the controlling field is protected by field-level security (FLS), it doesn't appear in the `controllerValues` property.

- b. To populate a picklist in the UI, use the field's `label` and `value` properties.

3. Get the values for dependent picklists.

- a. If a picklist is dependent, its `controllerValues` property lists the values and indexes of its controlling field (except when the immediate controlling field is protected by FLS). The indexes are used in the `validFor` property to indicate which controlling field values map to which picklist value. For example, in `controllerValues`, `Italy` has index 5. In the `values.validFor` property, you see that `Rome` is valid for index 5.

- b. To populate a picklist in the UI, use the field's `label` and `value` properties.

```
{
  "picklistFieldValues" : {
    "AccountSource" : {
      "controllerValues" : { },
      "defaultValue" : null,
      "url" :
"/services/data/v46.0/ui-api/object-info/account/picklist-values/012000000000000AAA/AccountSource",

      "values" : [ {
        "attributes" : null,
        "label" : "Advertisement",
        "validFor" : [ ],
        "value" : "Advertisement"
      }, {
        "attributes" : null,
        "label" : "Employee Referral",
        "validFor" : [ ],
        "value" : "Employee Referral"
      },
      ...
    ]
  }
  "Cities__c" : {
    "controllerValues" : {
      "Australia" : 0,
      "Brazil" : 1,
      "China" : 2,
      "Colombia" : 3,
      "France" : 4,
      "Italy" : 5,
      "Mexico" : 6,
      "New Zealand" : 7,
      "Nigeria" : 8,
      "Senegal" : 9,
      "South Korea" : 10,
      "US" : 11
    },
  },
}
```

```

    "defaultValue" : null,
    "url" :
"/services/data/v46.0/ui-api/object-info/account/picklist-values/012000000000000AAA/Cities__c",

    "values" : [ {
      "attributes" : null,
      "label" : "Cali",
      "validFor" : [ 3 ],
      "value" : "Cali"
    }, {
      "attributes" : null,
      "label" : "Chicago",
      "validFor" : [ 11 ],
      "value" : "Chicago"
    }, {
      "attributes" : null,
      "label" : "Dakar",
      "validFor" : [ 9 ],
      "value" : "Dakar"
    }, {
      "attributes" : null,
      "label" : "Lagos",
      "validFor" : [ 8 ],
      "value" : "Lagos"
    }, {
      "attributes" : null,
      "label" : "Los Angeles",
      "validFor" : [ 11 ],
      "value" : "Los Angeles"
    }, {
      "attributes" : null,
      "label" : "Oaxaca",
      "validFor" : [ 6 ],
      "value" : "Oaxaca"
    }, {
      "attributes" : null,
      "label" : "Wellington",
      "validFor" : [ 7 ],
      "value" : "Wellington"
    } ]
  },

```

Record Viewer Sample App

To view sample code that parses a response and displays dependent picklists, check out the [Record Viewer](#) sample app on GitHub. To contribute to the app, fork it and submit a pull request. We love to see what people do with User Interface API.

SEE ALSO:

[User Interface API Sample Apps](#)

[Get Values for a Picklist Field](#)

[Get Values for All Picklist Fields of a Record Type](#)

Upload Binary Files

If a record has a Base64 field, you can upload binary data to the field when you create or update a record.

The field determines the binary data file size limit. For example, the `ContentNote.Content` field has a different limit than the `Attachment.Body` field. For information about fields, see [Standard Objects](#) in *Object Reference for Salesforce and Lightning Platform*.

There are two ways to upload a binary file in request.

- [Upload Binary Files in a Multipart/Form-Data Request](#)
- [Upload Binary Files in a JSON Request Body](#)

Upload Binary Files in a Multipart/Form-Data Request

To upload a binary file, create a multipart request with a part that contains the JSON request body required by the resource, and a part for each file you want to upload. Each file must have its own part. To upload binary data to multiple fields, add a part for each field. The part names must match the field names.

Let's [create](#) a `ContentNote` record and upload a binary file to its `Content` field, which is the content or body of the note.

This [curl](#) example performs a multi-part request that contains the JSON request body and the binary file.

```
curl -v -H 'Authorization: Bearer 00Dxx0000001gER!ARoAQFFeB_55d8B3Sh....'
  -F 'json={"apiName": "ContentNote", "fields": {"Title": "My List of
Things"}};type=application/json'
  -F 'Content=@note.txt;type=application/octet-stream'
  -X POST 'http://{instance-name}.salesforce.com/services/data/v46.0/ui-api/records'
```

The first part, starting with `-F`, contains the JSON request body that the `/ui-api/records` resource requires. The request body contains the API name of the record (`ContentNote`) and the title of the record (`My List of Things`). The part name must be `json`.

The second part, starting with the second `-F`, contains the binary file. The part name must match the name of the Base64 field to which the data is uploaded. The `ContentNote` Base64 field name is `Content`, and the plain text file we're uploading is `note.txt`.

Upload Binary Files in a JSON Request Body

The JSON format doesn't support binary data. To upload a binary file in a JSON payload, encode the file using [Base64](#) encoding.

In this sample Record Input JSON request body, the `Content` property contains the file as a Base64 encoded string.

```
{
  "apiName": "ContentNote",
  "fields": {
    "Content": "SGksIFRoXMGaXMgYmFzZTY0",
    "Title": "Sample Title"
  }
}
```

This curl example creates a `ContentNote` record and uploads the file.

```
curl -X POST -H 'Authorization: Bearer 00Dxx0000001gER!ARoAQFFeB_55d8B3Sh....'
  -H 'Content-Type: application/json' -H 'Content-type: application/json'
  -d '{"apiName": "ContentNote", "fields": {"Content": "SGksIFRoXMGaXMgYmFzZTY0", "Title":
```

```
"Sample Title"} }'
'http://{instance-name}.salesforce.com/services/data/v46.0/ui-api/records'
```

SEE ALSO:

[Create a Record](#)

[Update a Record](#)

Work with Actions

Use the Actions resources to get data and metadata about actions displayed in the Salesforce UI. Examples include standard and custom buttons, quick actions, and productivity actions.

You can use the actions endpoints to fetch lists of actions, but not to execute actions. It's handy to get a list of actions if you want to use quick actions, if you have Visualforce overrides, or if you want to determine CRUD based on visible actions. For example, if a New action exists, then a user can create a record.

Get Actions for a Record Detail Page

As an example, let's say we have an Account record detail page with a record ID of 001R0000003IDlwIAG. The page has some standard buttons and quick actions. To get information about all the actions on this page, make this request:

```
GET /services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG
```

The request returns a list of actions on the page and the URLs of the request and subrequests.

```
{
  "actions": {
    "001R0000003IDlwIAG": {
      "actions": [{
        "actionListContext": "Record",
        "actionTarget": null,
        "actionTargetType": "Invoke",
        "apiName": "Edit",
        "externalId": "00DR00000008n7M:001R0000003IDlwIAG::Record:Phone:StandardButton:Edit",
        "iconUrl": "https://yourInstance.salesforce.com/img/icon/t4v35/action/edit_120.png",
        "id": "0JVR00000000017OAA",
        "isMassAction": "false",
        "label": "Edit",
        "primaryColor": "1DCCBF",
        "relatedListRecordId": null,
        "relatedSourceObject": null,
        "section": "Page",
        "sourceObject": "001R0000003IDlwIAG",
        "subtype": null,
        "targetObject": "Account",
        "targetUrl": null,
        "type": "StandardButton"
      }],
      {
        "actionListContext" : "Record",
        "actionTarget" : "/services/data/v41.0/quickActions/NewTask/describe",
```

```

    "actionTargetType" : "Describe",
    "apiName" : "NewTask",
    "externalId" : "00DR00000008n7M:001R00000003IDlwIAG::Record:Phone:09DR00000000Sns",
    "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_task_120.png",
    "id" : "0JVR00000000014OAA",
    "isMassAction" : "false",
    "label" : "New Task",
    "primaryColor" : "4BC076",
    "relatedListRecordId" : null,
    "relatedSourceObject" : null,
    "section" : "ActivityComposer",
    "sourceObject" : "001R00000003IDlwIAG",
    "subtype" : "Create",
    "targetObject" : "Task",
    "targetUrl" : null,
    "type" : "QuickAction"
  }

... Additional actions removed for brevity ...

],
"links": ["/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG/record-edit",

"/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG/related-list",
"/services/data/v41.0/ui-
api/actions/record/001R00000003IDlwIAG/related-list-record/${relatedRecordId}"],
  "url": "/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG"
}
},
"url": "/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG"
}

```

Filter the Action Results

To filter the results returned by the Actions resources, use the following request parameters:

- `actionTypes`—The action type.
- `formFactor`—The layout display size.
- `sections`—The section of the user interface that the action resides in.

For example, to filter a record actions request so that it includes only standard button actions, set the `actionTypes` parameter to `StandardButton`.

```

GET
/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG?actionTypes=StandardButton

```

Manage Favorites

Favorites let users access frequently used pages in Salesforce. Use User Interface API Favorites resources to manage favorites.

You can create, get, delete, and update favorites, update all favorites at once, and update favorite usage information, for example, the number of times a favorite was clicked. Responses return all fields required to render favorites.

This request returns all the favorites of the context user.

```
GET /ui-api/favorites
```

```
{
  "favorites" : [ {
    "accessCount" : 1,
    "iconColor" : "FCB95B",
    "iconUrl" : "https://.../img/icon/t4v35/standard/opportunity_120.png",
    "id" : "0MVR00000004GG1OAM",
    "lastAccessDate" : "2017-08-07T18:51:54.000Z",
    "name" : "My Best Opportunities",
    "objectType" : "Opportunity",
    "sortOrder" : 1,
    "subtitle" : "Opportunities",
    "target" : "00BR0000000tTTwMAM",
    "targetType" : "ListView"
  }, {
    "accessCount" : 1,
    "iconColor" : "A094ED",
    "iconUrl" : "https://.../img/icon/t4v35/standard/contact_120.png",
    "id" : "0MVR00000004FOPOA2",
    "lastAccessDate" : "2017-07-21T21:35:27.000Z",
    "name" : "John Doe",
    "objectType" : "Contact",
    "sortOrder" : 2,
    "subtitle" : "Contact",
    "target" : "003R00000001bivAIAQ",
    "targetType" : "Record"
  }, {
    "accessCount" : 1,
    "iconColor" : "f6707b",
    "iconUrl" : "https://.../img/icon/t4v35/custom/custom84_120.png",
    "id" : "0MVR000000004D5OAI",
    "lastAccessDate" : "2017-08-11T17:24:01.000Z",
    "name" : "Trend Board",
    "objectType" : "TabDefinition",
    "sortOrder" : 3,
    "subtitle" : "Tab",
    "target" : "Trend_Board",
    "targetType" : "Tab"
  }, {
    "accessCount" : 1,
    "iconColor" : "F88962",
    "iconUrl" : "https://.../img/icon/t4v35/standard/lead_120.png",
    "id" : "0MVR00000004GOpOAM",
    "lastAccessDate" : "2017-08-11T17:24:24.000Z",
    "name" : "Leads to Follow Up on",
    "objectType" : "Lead",
    "sortOrder" : 4,
    "subtitle" : "Leads",
    "target" : "Lead",
    "targetType" : "ListView"
  }
]
```

```
} ]
}
```

Adding a favorite to the top of the list is as easy as knowing what type of favorite it is and how to identify it. For example, to add an Account as a favorite, add it as a Record favorite using its ID. To insert it at the beginning of the list, explicitly set the `sortOrder` to 1, otherwise it's inserted at the end of the list.

```
POST /ui-api/favorites?target=001R0000002LBXUIA4&targetType=Record&sortOrder=1
{
  "accessCount" : 1,
  "iconColor" : "7F8DE1",
  "iconUrl" : "https://.../img/icon/t4v35/standard/account_120.png",
  "id" : "0MVR000000004DFOAY",
  "lastAccessDate" : "2017-08-11T19:26:04.000Z",
  "name" : "Global Media",
  "objectType" : "Account",
  "sortOrder" : 1,
  "subtitle" : "Account",
  "target" : "001R0000002LBXUIA4",
  "targetType" : "Record"
}
```

To track how often a user accesses a particular favorite, make a patch request using the favorite's ID and see the `accessCount` increment and the `lastAccessDate` update.

```
PATCH /ui-api/favorites/0MVR000000004DFOAY/usage
{
  "accessCount" : 2,
  "iconColor" : "7F8DE1",
  "iconUrl" : "https://.../img/icon/t4v35/standard/account_120.png",
  "id" : "0MVR000000004DFOAY",
  "lastAccessDate" : "2017-08-11T19:31:17.416Z",
  "name" : "Global Media",
  "objectType" : "Account",
  "sortOrder" : 1,
  "subtitle" : "Account",
  "target" : "001R0000002LBXUIA4",
  "targetType" : "Record"
}
```

Removing a favorite is as easy and requires using the favorite's ID again.

```
DELETE /ui-api/favorites/0MVR000000004DFOAY
```

To reorder or rename your favorites, you have some options. The first option is to individually update each favorite one by one. When reordering this way, the server automatically updates the sort order of affected favorites in the list so the sort order stays consistent. The second and more useful option is to reorder, rename, and delete favorites in a single request. This option is useful for building an edit dialog where the user can rename some favorites, delete others, and reorder whichever they choose. All these changes can then be made in a single request.

```
PUT /ui-api/favorites/batch
```

Here's the input for the PUT request:

```
{
  "favorites" : [
```



```

    {
      "id": "0MVR00000004GOpOAM"
    },
    {
      "id": "0MVR00000004GG1OAM",
      "name": "Top Opportunities"
    },
    {
      "id": "0MVR000000004D5OAI"
    }
  ]
}

```

Here's the response for the PUT request:

```

{
  "favorites" : [ {
    "accessCount" : 1,
    "iconColor" : "F88962",
    "iconUrl" : "https://.../img/icon/t4v35/standard/lead_120.png",
    "id" : "0MVR00000004GOpOAM",
    "lastAccessDate" : "2017-08-11T17:24:24.000Z",
    "name" : "Leads to Follow Up",
    "objectType" : "Lead",
    "sortOrder" : 1,
    "subtitle" : "Leads",
    "target" : "Lead",
    "targetType" : "ListView"
  }, {
    "accessCount" : 1,
    "iconColor" : "FCB95B",
    "iconUrl" : "https://.../img/icon/t4v35/standard/opportunity_120.png",
    "id" : "0MVR00000004GG1OAM",
    "lastAccessDate" : "2017-08-07T18:51:54.000Z",
    "name" : "Top Opportunities",
    "objectType" : "Opportunity",
    "sortOrder" : 2,
    "subtitle" : "Opportunities",
    "target" : "00BR0000000tTTwMAM",
    "targetType" : "ListView"
  }, {
    "accessCount" : 1,
    "iconColor" : "f6707b",
    "iconUrl" : "https://.../img/icon/t4v35/custom/custom84_120.png",
    "id" : "0MVR000000004D5OAI",
    "lastAccessDate" : "2017-08-11T17:24:01.000Z",
    "name" : "Trend Board",
    "objectType" : "TabDefinition",
    "sortOrder" : 3,
    "subtitle" : "Tab",
    "target" : "Trend_Board",
    "targetType" : "Tab"
  } ]
}

```

In this single request, we deleted our contact John Doe, moved Leads to Follow Up to the top of the list, and we renamed My Best Opportunities to Top Opportunities.

Work with List Views

Use the List View resources to get record data and metadata about list views displayed in the Salesforce UI.

Get Record Data and Metadata for a List View

As an example, let's say we have a list view named All Accounts with a list view ID of 00BR0000000Wc0rMAC. To get information about all the records and metadata for this list view, make this request.

```
/services/data/v46.0/ui-api/list-ui/00BR0000000Wc0rMAC
```

You can also use the object API name and list view API name of the list view to make the same request.

```
/services/data/v46.0/ui-api/list-ui/Account/AllAccounts
```

The request returns a list of records and the metadata for the list view.

```
{
  "eTag" : "6fea2ca99f3740c72f1667ee522980a7",
  "info" : {
    "cloneable" : true,
    "createable" : true,
    "deletable" : true,
    "displayColumns" : [ {
      "fieldApiName" : "Name",
      "label" : "Account Name",
      "sortable" : true
    }, {
      "fieldApiName" : "Site",
      "label" : "Account Site",
      "sortable" : true
    }, {
      "fieldApiName" : "BillingState",
      "label" : "Billing State/Province",
      "sortable" : true
    }, {
      "fieldApiName" : "Phone",
      "label" : "Phone",
      "sortable" : true
    }, {
      "fieldApiName" : "Type",
      "label" : "Type",
      "sortable" : true
    }, {
      "fieldApiName" : "Owner.Alias",
      "label" : "Account Owner Alias",
      "sortable" : true
    } ],
    "eTag" : "f5f522aef88a0cb38be54b9c0095fe3c",
    "filterLogicString" : null,
    "filteredByInfo" : [ ],
    "label" : "All Accounts",
```

```

    "listReference" : {
      "id" : "00BRM000002KPM42AO",
      "listViewApiName" : "AllAccounts",
      "objectApiName" : "Account",
      "type" : "listView"
    },
    "orderByInfo" : [ {
      "fieldApiName" : "Name",
      "isAscending" : true,
      "label" : "Account Name"
    } ],
    "updateable" : true,
    "userPreferences" : {
      "columnWidths" : {
        "Site" : -1,
        "Type" : -1,
        "Owner.Alias" : -1,
        "Phone" : -1,
        "BillingState" : -1,
        "Name" : -1
      },
      "columnWrap" : {
        "Site" : false,
        "Type" : false,
        "Owner.Alias" : false,
        "Phone" : false,
        "BillingState" : false,
        "Name" : false
      }
    },
    "visibility" : "Public",
    "visibilityEditable" : true
  },
  "records" : {
    "count" : 12,
    "currentPageToken" : "0",
    "currentPageUrl" :
"/services/data/v43.0/ui-api/list-records/Account/AllAccounts?pageSize=50&pageToken=0",

    "listInfoETag" : "f5f522aef88a0cb38be54b9c0095fe3c",
    "nextPageToken" : null,
    "nextPageUrl" : null,
    "previousPageToken" : null,
    "previousPageUrl" : null,
    "records" : [ {
      "apiName" : "Account",
      "childRelationships" : { },
      "eTag" : "d55bcd780f2145b724be5a563f37b9b2",
      "fields" : {
        "BillingState" : {
          "displayValue" : null,
          "value" : "NC"
        },
        "CreatedDate" : {

```

```

    "displayValue" : null,
    "value" : "2018-04-11T00:37:56.000Z"
  },
  "Id" : {
    "displayValue" : null,
    "value" : "001RM000003UNtxYAG"
  },
  "LastModifiedDate" : {
    "displayValue" : null,
    "value" : "2018-04-11T00:37:56.000Z"
  },
  "Name" : {
    "displayValue" : null,
    "value" : "Burlington Textiles Corp of America"
  },
  "Owner" : {
    "displayValue" : null,
    "value" : {
      "apiName" : "User",
      "childRelationships" : { },
      "eTag" : "671bc4877d13cd4f43d28a671636f873",
      "fields" : {
        "Alias" : {
          "displayValue" : null,
          "value" : "AUser"
        },
        "Id" : {
          "displayValue" : null,
          "value" : "005RM000001cNuJYAU"
        }
      }
    },
    "id" : "005RM000001cNuJYAU",
    "recordTypeInfo" : null
  }
},
"OwnerId" : {
  "displayValue" : null,
  "value" : "005RM000001cNuJYAU"
},
"Phone" : {
  "displayValue" : null,
  "value" : "(336) 222-7000"
},
"Site" : {
  "displayValue" : null,
  "value" : null
},
"SystemModstamp" : {
  "displayValue" : null,
  "value" : "2018-04-11T00:37:56.000Z"
},
"Type" : {
  "displayValue" : "Customer - Direct",
  "value" : "Customer - Direct"
}

```

```

    }
  },
  "id" : "001RM000003UNtxYAG",
  "recordTypeInfo" : null
}, {
... Additional records removed for brevity ...
}
}
}
}

```

Modify the List View Results

To modify the results returned by the List View resources, use the following request parameters:

- **fields**—Additional fields queried for the records returned, for display purposes. If a field is specified and the user doesn't have access to it, an error occurs.
- **optionalFields**—Additional fields queried for the records returned, for display purposes. If a field is specified and the user doesn't have access to it, no error occurs.
- **pageSize**—The number of list records viewed at one time.
- **pageToken**—A token that represents the page offset.
- **sortBy**—The API name of the field the list view is sorted by.

For example, to sort records by the date they were created, set the **sortBy** parameter to **CreatedDate**.

```
GET /services/data/v46.0/ui-api/list-ui/00BR0000000Wc0rMAC?sortBy=CreatedDate
```



Note: Depending on the list view object, some extra fields that were not requested in the **fields** or **optionalFields** parameters can be returned. For example, if person accounts are enabled for the org, a request to get list view records can return the **isPersonAccount** field, among others.

Manage Apps

An app is a collection of items that work together to serve a particular function. Salesforce apps come in two flavors: Classic apps and Lightning apps. Classic apps are created and managed in Salesforce Classic. Lightning apps are created and managed in Lightning Experience. Admins customize both types of apps to match the way users work.

Classic apps are a collection of standard and custom tabs, including most standard objects, custom objects, Visualforce tabs, Lightning component tabs, Canvas apps via Visualforce tabs, and web tabs. In Salesforce Classic, users use tabs to access objects, like accounts and leads. Tabs also serve up other features, such as the Home page or Chatter.

Lightning apps are a collection of items that include everything from the Classic apps list, plus Lightning page tabs, and utilities like Lightning Dialer. In Lightning apps, admins customize the app's logo and enhance branding by customizing the color of the navigation bar. Navigation in Lightning Experience is similar to navigation in Salesforce Classic, but with some improvements. In Lightning Experience, users can complete actions and access recent records and lists directly from the navigation bar. Users can also switch between apps that have custom colors and branding.

Users can also personalize which items appear in their navigation bar in Lightning Experience or tabs in Salesforce Classic. Although users can't completely override the navigation created by admins, they can add and reorder items or tabs from their view. In addition, in Lightning Experience, users can add Favorite items directly to their navigation bar.

Using these App resources, you can get a list of apps, items from an app, and the presentation data for a user's navigation.

To return metadata for a list of all apps for the current user, use this [resource](#).

```
GET /ui-api/apps
```

To return metadata about a specific app, use this [resource](#).

```
GET /ui-api/apps/${appId}
```

To return metadata about a specific app, and save the app as the last accessed app for the user, use this [resource](#).

```
PATCH /ui-api/apps/${appId}
```

To return metadata about the app the current user last selected, or sees by default, use this [resource](#).

```
GET /ui-api/apps/selected
```

To return metadata about a user's personalized navigation, use this [resource](#).

```
GET /ui-api/apps/${appId}/user-nav-items
```

To return metadata for a list of all navigation tabs for the current user, use this [resource](#) on page 132.

```
GET /ui-api/nav-items
```

CHAPTER 3 User Interface API Resources

This chapter contains User Interface API resources (also called *endpoints*).

Records

Use these resources to get metadata and data about objects and records. These resources make it easy to build Salesforce UI.

Actions

Use these resources to get data and metadata about actions displayed in the Salesforce UI. Examples include standard and custom buttons, quick actions, and productivity actions.

Favorites

Use these resources to create and update a single favorite or a collection of favorites, and to get favorites usage information. These resources make it easy to build UI for favorites.

List Views

Use these resources to get data and metadata about list views displayed in the Salesforce UI.

Apps

Use these resources to get data and metadata about apps displayed in the Salesforce UI.

Get Active Theme

Get a Salesforce org's active theme. A theme uses colors, images, and banners to change the overall appearance of Salesforce. Administrators can define themes and switch themes to provide a different look. The User Interface API response matches the Admin's selection.

Records

Use these resources to get metadata and data about objects and records. These resources make it easy to build Salesforce UI.

Get Record Data and Object Metadata

Get layout information, metadata, and data to build UI for a single record or for a collection of records.

Get Record Layout Metadata

Get metadata about page layouts for the specified object type.

Get a Directory of Supported Objects

Get a directory of objects that are [supported](#) by User Interface API and accessible to the context user. The directory includes a `/ui-api/object-info/{objectApiName}` resource for each supported object.

Get Object Metadata

Get metadata about a specific object. The response includes metadata describing fields, child relationships, record type, and theme.

Get Values for a Picklist Field

If a field's `dataType` property is equal to `Picklist` or `MultiPicklist`, use this resource to get its values.

[Get Values for All Picklist Fields of a Record Type](#)

Use this resource to get the values for all the picklist fields of a specific record type. This resource is especially useful for getting dependent picklist values. For example, if an object has a tree of dependent picklists (Continents__c, Countries__c, Cities__c), use this resource to get all the values for each picklist in one request.

[Get Child Records](#)

Get child records for a specified record and child relationship name. Relationships are connections between records. On a record detail page, each record in a related list has a child relationship to the parent record.

[Get a Record](#)

Get a record's data.

[Get a Batch of Records](#)

Get data for a batch of records.

[Create a Record](#)

Create a record. First, make a request to the [Clone Record Default](#) or [Create Record Default](#) resources to get the default metadata and data for the record.

[Get Default Values to Clone a Record](#)

Get the default layout information, object information, and data for cloning a record. After getting the default values, make a request to `POST /ui-api/records` to create the record.

[Get Default Values to Create a Record](#)

Get the default values for fields for a new record of a specified object and optional record type. After getting the default values, make a request to `POST /ui-api/records` to create the record.

[Update a Record](#)

Update a record's data.

[Delete a Record](#)

Delete a record.

[Get Lookup Field Suggestions](#)

When a user edits a lookup field, use this resource to search for and display suggestions. You can search for most recently used matches, for matching names, or for any match in a searchable field. You can also specify lookup filter bindings for dependent lookups.

[Get Lookup Field Suggestions for a Specified Object](#)

When a user edits a lookup field, use this resource to search for and display suggestions for a specified object. You can search for most recently used matches, for matching names, or for any match in a searchable field. You can also specify lookup filter bindings for dependent lookups.

Get Record Data and Object Metadata

Get layout information, metadata, and data to build UI for a single record or for a collection of records.

The response contains layout information for whichever layout types are specified in the `layoutTypes` parameter.

It contains data for the records specified in the `recordIds` parameter.

The response contains object metadata for the object types of the records specified in the `recordIds` parameter, and for any nested objects. For example, a request to `/ui-api/record-ui/001RM000003RsOHYA0`, which is an Account, returns object metadata for Account and User, because the `OwnerId` field on the Account object contains a reference to the User object.

Resource

```
/ui-api/record-ui/{recordIds}
```

recordIds—A comma-delimited list of custom object records and supported object records.

Available Version

41.0

HTTP Method

GET

Example

The response for this request includes layout information, metadata, and record data. The record data includes child relationship data for Contacts and Opportunities.

```
GET
/ui-api/record-ui/001R0000003I6CoIAK?childRelationships=Account.Contacts,Account.Opportunities
```

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
childRelationships	String[]	A collection of child relationship names. The records with those child relationship names are included in the response. Specify names in the format ObjectApiName.ChildRelationshipName or ObjectApiName.ChildRelationshipName.FieldApiName . For example, to specify the Contacts relationship on an Account, use <code>Account.Contacts</code> . You can get child relationships one level deep. To get a relationship name, look in the Object Info response body.	Optional	41.0
formFactor	String	The layout display size for the record. One of these values: <ul style="list-style-type: none">• Large—(Default) Use this value to get a layout for desktop display size.• Medium—Use this value to get a layout for tablet display size.• Small—Use this value to get a layout for phone display size.	Optional	41.0
layoutTypes	String[]	The layout type for the record. A collection of any of these values: <ul style="list-style-type: none">• Compact—Use this value to get a layout that contains a record’s key fields.	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<ul style="list-style-type: none"> Full—(Default) Use this value to get a full layout. 		
<code>modes</code>	<code>String[]</code>	<p>The access mode for the record. This value determines which fields to get from a layout. Layouts have different fields for create, edit, and view modes. For example, formula fields are rendered in view mode, but not in create mode because they're calculated at run time, like formulas in a spreadsheet. A collection of any of these values:</p> <ul style="list-style-type: none"> Create—Use this mode if you intend to build UI that lets a user create a record. This mode is used by the <code>/ui-api/record-defaults/create/{apiName}</code> resource. Edit—Use this mode if you intend to build UI that lets a user edit a record. This mode is used by the <code>/ui-api/record-defaults/edit/{recordId}</code> resource. View—(Default) Use this mode if you intend to build UI that displays a record. 	Optional	41.0
<code>optionalFields</code>	<code>String[]</code>	<p>A collection of optional field names. If a field is accessible to the context user, it's included in the response. If a field isn't accessible to the context user, it isn't included in the response, but it doesn't cause an error.</p> <p>Specify names in the format <code>ObjectName.FieldName</code>. You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify.</p>	Optional	41.0
<code>pageSize</code>	<code>Integer</code>	The maximum number of child records to return on a page.	Optional	41.0

Response Body[Record UI](#)

SEE ALSO:

[User Interface API Quick Start](#)[Object Info](#)[Get Child Records](#)

Get Record Layout Metadata

Get metadata about page layouts for the specified object type.

Resource

```
/ui-api/layout/{objectApiName}
```

`objectApiName`—A [supported](#) object.

Available Version

41.0

HTTP Method

GET

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
<code>formFactor</code>	String	The layout display size for the record. One of these values: <ul style="list-style-type: none">• <code>Large</code>—(Default) Use this value to get a layout for desktop display size.• <code>Medium</code>—Use this value to get a layout for tablet display size.• <code>Small</code>—Use this value to get a layout for phone display size.	Optional	41.0
<code>layoutType</code>	String	The layout type for the record. One of these values: <ul style="list-style-type: none">• <code>Compact</code>—Use this value to get a layout that contains a record's key fields.• <code>Full</code>—(Default) Use this value to get a full layout.	Optional	41.0
<code>mode</code>	String	The access mode for the record. This value determines which fields to get from a layout. Layouts have different fields for create, edit, and view modes. For example,	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<p>formula fields are rendered in view mode, but not in create mode because they're calculated at run time, like formulas in a spreadsheet. One of these values:</p> <ul style="list-style-type: none"> Create—Use this mode if you intend to build UI that lets a user create a record. This mode is used by the <code>/ui-api/record-defaults/create/{apiName}</code> resource. Edit—Use this mode if you intend to build UI that lets a user edit a record. This mode is used by the <code>/ui-api/record-defaults/edit/{recordId}</code> resource. View—(Default) Use this mode if you intend to build UI that displays a record. 		
<code>recordTypeId</code>	Id	The ID of the record type (RecordType object) for the new record. If not provided, the default record type is used.	Optional	41.0

Response Body[Record Layout](#)

SEE ALSO:

[User Interface API Quick Start](#)

Get a Directory of Supported Objects

Get a directory of objects that are [supported](#) by User Interface API and accessible to the context user. The directory includes a `/ui-api/object-info/{objectApiName}` resource for each supported object.

Resource`/ui-api/object-info/`**Available Version**

42.0

HTTP Method

GET

Response Body[Object Info Directory](#)

SEE ALSO:

[Get Object Metadata](#)

Get Object Metadata

Get metadata about a specific object. The response includes metadata describing fields, child relationships, record type, and theme.

Resource

```
/ui-api/object-info/{objectApiName}
```

`objectApiName`—A [supported](#) object.

Available Version

41.0

HTTP Method

GET

Response Body[Object Info](#)

SEE ALSO:

[User Interface API Quick Start](#)[Get a Directory of Supported Objects](#)

Get Values for a Picklist Field

If a field's `dataType` property is equal to `Picklist` or `MultiPicklist`, use this resource to get its values.

Resource

```
/ui-api/object-info/{objectApiName}/picklist-values/{recordTypeId}/{fieldApiName}
```

- `objectApiName`—The API name of a [supported](#) object.
- `recordTypeId`—The ID of the record type.
- `fieldApiName`—The API name of the picklist field on the object.

Available Version

41.0

HTTP Method

GET

Response Body[Picklist Values](#)

SEE ALSO:

[Build UI for Picklists](#)[Get Values for All Picklist Fields of a Record Type](#)[Get Record Data and Object Metadata](#)[Get Object Metadata](#)[User Interface API Quick Start](#)

Get Values for All Picklist Fields of a Record Type

Use this resource to get the values for all the picklist fields of a specific record type. This resource is especially useful for getting dependent picklist values. For example, if an object has a tree of dependent picklists (Continents__c, Countries__c, Cities__c), use this resource to get all the values for each picklist in one request.

Resource

```
/ui-api/object-info/{objectApiName}/picklist-values/{recordTypeId}
```

- `objectApiName`—The API name of a [supported](#) object.
- `recordTypeId`—The ID of the record type.

Available Version

42.0

HTTP Method

GET

Response Body[Picklist Values Collection](#)

SEE ALSO:

[Build UI for Picklists](#)[Get Values for a Picklist Field](#)

Get Child Records

Get child records for a specified record and child relationship name. Relationships are connections between records. On a record detail page, each record in a related list has a child relationship to the parent record.

Resource

```
/ui-api/records/{recordId}/child-relationships/{relationshipName}
```

`recordId`—The ID of the record for which you want to get child relationships.

`relationshipName`—The name of the child relationship. This value is returned in the [Object Info](#) response body and is usually the plural form of the object name.

Available Version

41.0

HTTP Method
GET

Example

This example returns all the Contacts related to the Account record 001R0000003I6CoIAK.

```
/ui-api/records/001R0000003I6CoIAK/child-relationships/Contacts
```

The response is paginated. Use the `pageSize` parameter to specify the number of records per page. The default is 5.

```
{
  "count" : 5,
  "currentPageUrl" :

"/services/data/v41.0/ui-api/records/001R0000003I6CoIAK/child-relationships/Contacts?page=1&pageSize=5",

  "nextPageUrl" :

"/services/data/v41.0/ui-api/records/001R0000003I6CoIAK/child-relationships/Contacts?page=2&pageSize=5",

  "previousPageUrl" : null,
  "records" : [ {
    "apiName" : "Contact",
    "childRelationships" : { },
    "fields" : {
      "AccountId" : {
        "displayValue" : null,
        "value" : "001R0000003I6CoIAK"
      },
      "Id" : {
        "displayValue" : null,
        "value" : "003R00000007qXwQIAU"
      },
      "Name" : {
        "displayValue" : null,
        "value" : "John Smith"
      }
    },
    "id" : "003R00000007qXwQIAU",
    "recordTypeInfo" : null
  },
  ...
}
```

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
fields	String[]	Specifies the fields to return. If this property is specified, the response is a union of fields and optionalFields. If the context user doesn't have access to a field, an error is returned.	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<p>If you're not sure whether the context user has access to a field and you don't want the request to fail if they don't, use the <code>optionalFields</code> parameter.</p> <p>Specify names in the format <code>ObjectApiName.FieldName</code>. You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify.</p>		
<code>optionalFields</code>	<code>String[]</code>	<p>A collection of optional field names. If a field is accessible to the context user, it's included in the response. If a field isn't accessible to the context user, it isn't included in the response, but it doesn't cause an error.</p> <p>Specify names in the format <code>ObjectApiName.FieldName</code>. You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify.</p>	Optional	41.0
<code>page</code>	<code>Int</code>	<p>The page offset from which to begin returning records. The default value is 0, which returns records from the first page. For example, for <code>page=2</code> and <code>pageSize=10</code>, the first record returned is the 21st record in the list.</p>	Optional	41.0
<code>pageSize</code>	<code>Int</code>	<p>The maximum number of child records to return on a page. The default value is 5.</p>	Optional	41.0
<code>pageToken</code>	<code>String</code>	<p>A token that represents the page offset.</p>	Optional	44.0

Response Body[Record Collection](#)

SEE ALSO:

[Get Child Records](#)

Get a Record

Get a record's data.

```
GET /ui-api/records/{recordId}
```


recordId—A custom object record or a [supported object](#) record.

Available Version

41.0

Example for GET

This example gets the data for fields in the compact layout for an opportunity record with ID 006R0000001rboIIAQ. The response includes OpportunityCompetitors and Partners child records.

```
GET
/ui-api/records/006R0000001rboIIAQ?layoutTypes=Compact&childRelationships=Opportunity.OpportunityCompetitors,Opportunity.Partners
```

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
childRelationships	String[]	A collection of child relationship names. The records with those child relationship names are included in the response. Specify names in the format ObjectApiName.ChildRelationshipName or ObjectApiName.ChildRelationshipName.FieldName For example, to specify the Contacts relationship on an Account, use Account.Contacts. You can get child relationships one level deep. To get a relationship name, look in the Object Info response body.	Optional	41.0
fields	String[]	Specifies the fields to return. If this property is specified, the response is a union of fields and optionalFields. If the context user doesn't have access to a field, an error is returned. If you're not sure whether the context user has access to a field and you don't want the request to fail if they don't, use the optionalFields parameter. Specify names in the format ObjectApiName.FieldName . You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify. Child relationship records don't have layouts. To get more fields for these records, specify them in the fields parameter.	In API versions 45.0 and later, either fields, optionalFields, or layoutTypes is required. In earlier API versions, either fields or layoutTypes is required. In all API versions, to specify both fields and layoutTypes, you must specify childRelationships	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		To return a field whose type is <code>base64</code> , specify the field in the <code>optionalFields</code> parameter.		
<code>layoutTypes</code>	<code>String[]</code>	<p>Specifies the fields to return. If this property is specified, the response is a union of <code>layoutTypes</code>, <code>modes</code>, and <code>optionalFields</code>.</p> <p>A collection containing any of these values:</p> <ul style="list-style-type: none"> Compact—Use this value to get a layout that contains a record's key fields. Full—(Default) Use this value to get a full layout. 	<p>In API versions 45.0 and later, either <code>fields</code>, <code>optionalFields</code>, or <code>layoutTypes</code> is required.</p> <p>In earlier API versions, either <code>fields</code> or <code>layoutTypes</code> is required.</p> <p>In all API versions, to specify both <code>fields</code> and <code>layoutTypes</code>, you must specify <code>childRelationships</code></p>	41.0
<code>modes</code>	<code>String[]</code>	<p>The access mode for the record. This value determines which fields to get from a layout. Layouts have different fields for create, edit, and view modes. For example, formula fields are rendered in view mode, but not in create mode because they're calculated at run time, like formulas in a spreadsheet. A collection containing any of these values:</p> <ul style="list-style-type: none"> Create—Use this mode if you intend to build UI that lets a user create a record. This mode is used by the <code>/ui-api/record-defaults/create/{apiName}</code> resource. Edit—Use this mode if you intend to build UI that lets a user edit a record. This mode is used by the <code>/ui-api/record-defaults/edit/{recordId}</code> resource. View—(Default) Use this mode if you intend to build UI that displays a record. 	Optional if <code>layoutTypes</code> is specified. If <code>layoutTypes</code> is not specified, this parameter is ignored.	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
optionalFields	String[]	<p>A collection of optional field names. If a field is accessible to the context user, it's included in the response. If a field isn't accessible to the context user, it isn't included in the response, but it doesn't cause an error.</p> <p>Specify names in the format ObjectName.FieldName. You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify.</p> <p>To return a field whose type is <code>base64</code>, specify the field in the <code>optionalFields</code> parameter.</p>	<p>In API versions 45.0 and later, either <code>fields</code>, <code>optionalFields</code>, or <code>layoutTypes</code> is required.</p> <p>In earlier API versions, <code>optionalFields</code> is optional.</p>	41.0
pageSize	Integer	The maximum number of child records to return on a page.	Optional	41.0

Response Body[Record](#)

SEE ALSO:

[Get Child Records](#)

Get a Batch of Records

Get data for a batch of records.

Resource

```
GET /ui-api/records/batch/{recordIds}
```

`recordIds`—A comma-delimited list of custom object and [supported object](#) records.**Available Version**

41.0

Example for GETThis example gets the `Account.Name` field and `Account.Contacts` child records for two accounts.

```
GET /ui-api/records/batch/001R00000003I6CeIAK,001R00000003I6CgIAK?
fields=Account.Name&childRelationships=Account.Contacts
```

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
<code>childRelationships</code>	String[]	<p>A collection of child relationship names. The records with those child relationship names are included in the response. Specify names in the format <code>ObjectName.ChildRelationshipName</code> or <code>ObjectName.ChildRelationshipName.FieldName</code>. For example, to specify the Contacts relationship on an Account, use <code>Account.Contacts</code>. You can get child relationships one level deep. To get a relationship name, look in the Object Info response body.</p>	Optional	41.0
<code>fields</code>	String[]	<p>Specifies the fields to return. If this property is specified, the response is a union of <code>fields</code> and <code>optionalFields</code>. If the context user doesn't have access to a field, an error is returned. If you're not sure whether the context user has access to a field and you don't want the request to fail if they don't, use the <code>optionalFields</code> parameter. Specify names in the format <code>ObjectName.FieldName</code>. You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify. Child relationship records don't have layouts. To get more fields for these records, specify them in the <code>fields</code> parameter. To return a field whose type is <code>base64</code>, specify the field in the <code>optionalFields</code> parameter.</p>	<p>In API versions 45.0 and later, either <code>fields</code>, <code>optionalFields</code>, or <code>layoutTypes</code> is required. In earlier API versions, either <code>fields</code> or <code>layoutTypes</code> is required. In all API versions, to specify both <code>fields</code> and <code>layoutTypes</code>, you must specify <code>childRelationships</code>.</p>	41.0
<code>layoutTypes</code>	String[]	<p>Specifies the fields to return. If this property is specified, the response is a union of <code>layoutTypes</code>, <code>modes</code>, and <code>optionalFields</code>. A collection containing any of these values:</p>	In API versions 45.0 and later, either <code>fields</code> ,	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<ul style="list-style-type: none"> Compact—Use this value to get a layout that contains a record's key fields. Full—(Default) Use this value to get a full layout. 	<p>optionalFields, or layoutTypes is required.</p> <p>In earlier API versions, either fields or layoutTypes is required.</p> <p>In all API versions, to specify both fields and layoutTypes, you must specify childRelationships</p>	
modes	String[]	<p>The access mode for the record. This value determines which fields to get from a layout. Layouts have different fields for create, edit, and view modes. For example, formula fields are rendered in view mode, but not in create mode because they're calculated at run time, like formulas in a spreadsheet. A collection containing any of these values:</p> <ul style="list-style-type: none"> Create—Use this mode if you intend to build UI that lets a user create a record. This mode is used by the <code>/ui-api/record-defaults/create/{apiName}</code> resource. Edit—Use this mode if you intend to build UI that lets a user edit a record. This mode is used by the <code>/ui-api/record-defaults/edit/{recordId}</code> resource. View—(Default) Use this mode if you intend to build UI that displays a record. 	Optional if layoutTypes is specified. If layoutTypes is not specified, this parameter is ignored.	41.0
optionalFields	String[]	A collection of optional field names. If a field is accessible to the context user, it's included in the response. If a field isn't accessible to the context user, it isn't included in the response, but it doesn't cause an error.	In API versions 45.0 and later, either fields, optionalFields,	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		Specify names in the format <i>ObjectApiName.FieldName</i> . You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify. To return a field whose type is <code>base64</code> , specify the field in the <code>optionalFields</code> parameter.	or <code>layoutTypes</code> is required. In earlier API versions, <code>optionalFields</code> is optional.	
<code>pageSize</code>	Integer	The maximum number of child records to return on a page.	Optional	41.0

Response Body[Batch Results](#)

SEE ALSO:

[Get Default Values to Clone a Record](#)[Get Default Values to Create a Record](#)[Get Child Records](#)[User Interface API Quick Start](#)[Batch Results](#)

Create a Record

Create a record. First, make a request to the [Clone Record Default](#) or [Create Record Default](#) resources to get the default metadata and data for the record.

As of API version 43.0, if you pass read-only fields in a request body, the response is an [Error with Output](#).

Resource`/ui-api/records`**Available Version**

41.0

HTTP Method

POST

Example`POST /ui-api/records`

```
{
  "apiName": "Account",
  "fields": {
    "Name": "Universal Containers"
```

```
}
}
```

To provide an address, provide the individual fields as separate inputs. The compound field is only available in the response.

```
{
  "apiName": "Account",
  "fields" : {
    "Name": "Local Boxes",
    "BillingState": "WA",
    "BillingStreet" : "123 Main Street",
    "BillingCountry" : "USA"
  }
}
```

Request body

Name	Type	Description	Required or Optional	Available Version
allowSaveOnDuplicate	Boolean	Specifies whether to save a duplicate record (<code>true</code>), or not (<code>false</code>). The default value is <code>false</code> .	Optional	43.0
apiName	String	To create a record, specify the API name of an Object from which to create the record. To update a record, use <code>null</code> or don't pass this property.	Required	41.0
fields	Map<String, Object>	Map of field names to field values. Format data types according to these rules: <ul style="list-style-type: none"> • Address—JSON String • Base64—JSON String • Boolean—JSON Boolean, <code>true</code> or <code>false</code> • Currency—JSON Float • Date—JSON string in correct format • DateTime—JSON string in ISO 8601 format • Double—JSON Float • Email—JSON String • EncryptedString—JSON String • Int—JSON Number • Location—JSON String • MultiPicklist—JSON String • Percent—JSON Float • Phone—JSON String • Picklist—JSON String 	Required	41.0

Name	Type	Description	Required or Optional	Available Version
		<ul style="list-style-type: none"> • <code>Reference</code>—JSON String. • <code>String</code>—JSON String • <code>TextArea</code>—JSON String • <code>Time</code>—JSON String in format HH:MM:SS • <code>Url</code>—JSON String <p>To specify the master record type, either don't specify the <code>recordTypeId</code> field, or set it to <code>null</code>.</p>		

Response Body[Record](#)

SEE ALSO:

[Upload Binary Files](#)

Get Default Values to Clone a Record

Get the default layout information, object information, and data for cloning a record. After getting the default values, make a request to `POST /ui-api/records` to create the record.

The response contains the default field values for a record cloned from the record specified in `{ recordId }`, optionally of the specified `recordTypeId`.

It also contains the corresponding layout information for edit mode. In the Salesforce user interface, an admin with “Customize Application” permission can mark a field as required in a layout. When you’re building UI, to determine which fields to mark as required in a layout for edit mode, use the [RecordLayoutItem.required](#) property.

The response contains object metadata for the object type of the record specified in `{ recordId }` and for any nested objects. For example, `/ui-api/record-defaults/clone/001d000000AtfRIAAZ` is a request to clone an Account record. It returns object metadata for Account and User, because the `OwnerId` field on the Account object contains a reference to the User object.

Resource

```
/ui-api/record-defaults/clone/{recordId}
```

Available Version

41.0

HTTP Method

GET

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
<code>formFactor</code>	String	The layout display size for the record. One of these values: <ul style="list-style-type: none"> <code>Large</code>—(Default) Use this value to get a layout for desktop display size. <code>Medium</code>—Use this value to get a layout for tablet display size. <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
<code>optionalFields</code>	String[]	A collection of optional field names. If a field is accessible to the context user, it's included in the response. If a field isn't accessible to the context user, it isn't included in the response, but it doesn't cause an error. Specify names in the format <code>ObjectName.FieldName</code> . You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify.	Optional	41.0
<code>recordTypeId</code>	Id	The ID of the record type (RecordType object) for the new record. If not provided, the default record type is used.	Optional	41.0

Response Body

[Record Defaults](#)

SEE ALSO:

[User Interface API Quick Start](#)

Get Default Values to Create a Record

Get the default values for fields for a new record of a specified object and optional record type. After getting the default values, make a request to `POST /ui-api/records` to create the record.

The response contains the default field values for the `Full` layout type for a new record of the object type specified in `{objectApiName}`.

It also contains the corresponding layout for create mode. In the Salesforce user interface, an admin with “Customize Application” permission can mark a field as required in a layout. When you’re building UI, to determine which fields to mark as required in a layout for create mode, use the `RecordLayoutItem.required` property.

The response contains object metadata for the object specified in `{objectApiName}` and for any nested objects. For example, a request to `/ui-api/record-defaults/create/Account` returns object metadata for Account and User, because the `OwnerId` field on the Account object contains a reference to the User object.

Resource

```
/ui-api/record-defaults/create/{objectApiName}
```

- `objectApiName`—The API name of the object type for the new record.

Available Version

41.0

HTTP Method

GET

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
<code>formFactor</code>	String	The layout display size for the record. One of these values: <ul style="list-style-type: none"> • <code>Large</code>—(Default) Use this value to get a layout for desktop display size. • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
<code>optionalFields</code>	String[]	A collection of optional field names. If a field is accessible to the context user, it's included in the response. If a field isn't accessible to the context user, it isn't included in the response, but it doesn't cause an error. Specify names in the format <code>ObjectApiName.FieldName</code> . You can get any field that has a named relationship to this record. There is no limit to the number of fields you can specify.	Optional	41.0
<code>recordTypeId</code>	Id	The ID of the record type (RecordType object) for the new record. If not provided, the default record type is used.	Optional	41.0

Response Body

[Record Defaults](#)

SEE ALSO:

[User Interface API Quick Start](#)

Update a Record

Update a record's data.

User Interface API enforces Salesforce validation rules. If a validation rule fails, the response is an [Error with Output](#).

When you make a PATCH request to update a record, make sure that the record hasn't changed since the user started editing it. To find out whether it's safe to save a record, pass the [If-Modified-Since](#) HTTP header in the request.

As of API version 43.0, if you pass read-only fields in a request body, the response is an [Error with Output](#).

```
/ui-api/records/{recordId}
```

Available Version

41.0

HTTP Method

PATCH

Example

This example passes a request body to update the name of an Account.

```
PATCH /ui-api/records/001R0000003Gjrt
```

```
{
  "fields": {
    "Name": "Universal Containers"
  }
}
```

To provide an address, provide the individual fields as separate inputs. The compound field is only available in the response.

```
{
  "fields" : {
    "Name": "Local Boxes",
    "BillingState": "WA",
    "BillingStreet" : "123 Main Street",
    "BillingCountry" : "USA"
  }
}
```

Request Body

Name	Type	Description	Required or Optional	Available Version
<code>allowSaveOnDuplicate</code>	Boolean	Specifies whether to save a duplicate record (<code>true</code>), or not (<code>false</code>). The default value is <code>false</code> .	Optional	43.0
<code>apiName</code>	String	To create a record, specify the API name of an Object from which to create the record. To update a record, use <code>null</code> or don't pass this property.	Required	41.0
<code>fields</code>	Map<String, Object>	Map of field names to field values. Format data types according to these rules:	Required	41.0

Name	Type	Description	Required or Optional	Available Version
		<ul style="list-style-type: none"> Address—JSON String Base64—JSON String Boolean—JSON Boolean, true or false Currency—JSON Float Date—JSON string in correct format DateTime—JSON string in ISO 8601 format Double—JSON Float Email—JSON String EncryptedString—JSON String Int—JSON Number Location—JSON String MultiPicklist—JSON String Percent—JSON Float Phone—JSON String Picklist—JSON String Reference—JSON String. String—JSON String TextArea—JSON String Time—JSON String in format HH:MM:SS Url—JSON String <p>To specify the master record type, either don't specify the <code>recordTypeId</code> field, or set it to <code>null</code>.</p>		

Response Body[Record](#)

SEE ALSO:

[Upload Binary Files](#)

Delete a Record

Delete a record.

`/ui-api/records/{recordId}`

Available Version

41.0

HTTP Method

DELETE

Delete a record

Deleting a record returns a 200 HTTP status code.

```
DELETE /ui-api/records/001R0000003Gjrt
```

Get Lookup Field Suggestions

When a user edits a lookup field, use this resource to search for and display suggestions. You can search for most recently used matches, for matching names, or for any match in a searchable field. You can also specify lookup filter bindings for dependent lookups.

Resource

```
/ui-api/lookups/{objectApiName}/{fieldApiName}
```

- `objectApiName`—The API name of a source object.
- `fieldApiName`—The API name of a lookup field on the source object.

Available Version

41.0

HTTP Method

GET

Example: Get Most Recently Used Records

A lookup relationship field links a source object to a target object. To edit a lookup field, users click a lookup icon to search for and select a value from a popup list. The target object provides the values in the list.

For example, the Opportunity object has an `AccountId` lookup field. When a user edits an Opportunity record, the user selects an Account to associate with the Opportunity. To build UI that suggests the most recently used Account records to the user, use this resource. The default value of the `searchType` parameter is `Recent`, so the request doesn't specify it.

```
GET /ui-api/lookups/Opportunity/AccountId
```

Example: Search for Suggestions

To search all searchable fields for suggestions, set `searchType=Search`. This example searches for strings that start with the characters `ca` (a wildcard is implied).

```
GET /ui-api/lookups/Opportunity/AccountId?searchType=Search&q=ca
```

Example: Search Record Names for Suggestions

To search record name fields for suggestions, set `searchType=TypeAhead`. This example searches record names for strings that start with the characters `ta` (a wildcard is implied).

```
GET /ui-api/lookups/Opportunity/AccountId?searchType=TypeAhead&q=ta
```

Example: Search Dependent Lookups for Suggestions

Some lookup fields have lookup filters that restrict their valid values by referencing fields on the source object. These fields are called dependent lookups. For example, you can filter the Case `Contact` field to show only contacts that are associated with the account selected in the Case `Account Name` field.

In the Salesforce UI, this lookup filter is `Contact Name: Account Name ID EQUALS Case: Account Name ID`. In User Interface API, lookup filter information appears in the `filteredLookupInfo` property of the [Object Info](#) response body, which is returned from several resources, including `/ui-api/record-ui/{recordIds}`. If the `filteredLookupInfo` property is non-null, the field it describes is a dependent lookup.

In this example, the `Case` object's `ContactId` field has a `filteredLookupInfo` property containing a `controllingFields` property. The controlling field is `AccountId`. To restrict the lookup search, you must pass all controlling fields and their values to the lookups resource in the `dependentFieldBindings` parameter.

```
"objectInfos" : {
  ...
  "Case" : {
    "apiName" : "Case",
    ...
    "fields" : {
      ...
      "ContactId" : {
        "apiName" : "ContactId",
        ...properties removed for space...
        "filteredLookupInfo" : {
          "controllingFields" : [ "AccountId" ],
          "dependent" : true,
          "optionalFilter" : false
        },
        ...
        "sortable" : true,
        "unique" : false,
        "updateable" : true
      },
      ...
    }
  },
  ...
}
```

To get the value for `AccountId`, look in the [Record](#) response body, which is returned from several resources, including `/ui-api/record-ui/{recordIds}`.

```
"records" : {
  "500R0000000bKpBIAU" : {
    "apiName" : "Case",
    "childRelationships" : { },
    "fields" : {
      ...Some properties removed for space...
      "AccountId" : {
        "displayValue" : null,
        "value" : "001R0000003IG0MIAW"
      },
      "CaseNumber" : {
        "displayValue" : null,
        "value" : "00001005"
      },
      ...
    }
  },
  ...
}
```

To filter the suggestions for a dependent lookup, specify the names and values of the controlling fields in the `dependentFieldBindings` query parameter. (This example has one controlling field).

```
/ui-api/lookups/case/ContactId?dependentFieldBindings=AccountId=001R0000003IG0MIAW
```

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
dependentFieldBindings	String[]	<p>The dependent field bindings for dependent lookups. These field bindings represent the lookup filter that restricts the valid values for the field.</p> <p>Specify field bindings in a comma-separated list in the format <code>dependentFieldBindings={fieldApiName}={fieldValue},{fieldApiName}={fieldValue}</code>.</p> <p>To know whether a field is a dependent lookup, check the Object Info response body for a non-null <code>filteredLookupInfo</code> property. Specify the name and a value for each field in the <code>controllingFields</code> property. Get the field values from the Record response body. Both responses are returned from the /ui-api/record-ui/{recordIds} resource.</p>	Optional	41.0
page	Integer	The page number. The default value is 1.	Optional	41.0
pageSize	Integer	The number of items per page. The default value is 25.	Optional	41.0
q	String	<p>The term the user is searching for.</p> <p>When <code>searchType=Search</code>, specify at least 2 characters. A wildcard at the end of the search term is implied. For example, <code>q=ca</code> returns Cat and Cats.</p> <p>When <code>searchType=TypeAhead</code>, specify at least 3 characters. A wildcard at the end of the search term is implied. You can't use a <code>?</code>.</p>	Required if <code>searchType</code> is <code>TypeAhead</code> .	41.0
searchType	String	<p>The type of search to perform. One of these values:</p> <ul style="list-style-type: none"> Recent—Return most recently used matches. Search—Search for records with searchable fields that match the query term. 	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<ul style="list-style-type: none"> TypeAhead—Search for records whose names start with the query term. <p>The default value is <code>Recent</code>.</p>		

Response Body[Lookup Values](#)

SEE ALSO:

[Get Lookup Field Suggestions for a Specified Object](#)[Get Lookup Field Actions](#)

Get Lookup Field Suggestions for a Specified Object

When a user edits a lookup field, use this resource to search for and display suggestions for a specified object. You can search for most recently used matches, for matching names, or for any match in a searchable field. You can also specify lookup filter bindings for dependent lookups.



Note: This resource is designed for future API versions. This resource filters results by object for lookup fields that have a polymorphic target object. In API version 41.0, none of the [supported standard objects](#) have a lookup field with a polymorphic target object. However, you might want to use this resource to get a simpler response. You might also want to write a general lookup component that works with future versions of User Interface API, which is likely to support more standard objects.

Resource

```
/ui-api/lookups/{objectApiName}/{fieldApiName}/{targetApiName}
```

- `objectApiName`—The API name of a source object.
- `fieldApiName`—The API name of a lookup field on the source object.
- `targetApiName`—The API name of the target (lookup) object.

Available Version

41.0

HTTP Method

GET

ExampleSee [Get Lookup Field Suggestions](#).**Request Parameters**

Parameter Name	Type	Description	Required or Optional	Available Version
<code>dependentFieldBindings</code>	<code>String[]</code>	The dependent field bindings for dependent lookups. These field bindings	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<p>represent the lookup filter that restricts the valid values for the field.</p> <p>Specify field bindings in a comma-separated list in the format <code>dependentFieldBindings={fieldApiName}={fieldValue},{fieldApiName}={fieldValue}</code>.</p> <p>To know whether a field is a dependent lookup, check the Object Info response body for a non-null <code>filteredLookupInfo</code> property.</p> <p>Specify the name and a value for each field in the <code>controllingFields</code> property.</p> <p>Get the field values from the Record response body. Both responses are returned from the /ui-api/record-ui/{recordIds} resource.</p>		
<code>page</code>	Integer	The page number. The default value is 1.	Optional	41.0
<code>pageSize</code>	Integer	The number of items per page. The default value is 25.	Optional	41.0
<code>q</code>	String	<p>The term the user is searching for.</p> <p>When <code>searchType=Search</code>, specify at least 2 characters. A wildcard at the end of the search term is implied. For example, <code>q=ca</code> returns Cat and Cats.</p> <p>When <code>searchType=TypeAhead</code>, specify at least 3 characters. A wildcard at the end of the search term is implied. You can't use a <code>?</code>.</p>	Required if <code>searchType</code> is <code>TypeAhead</code> .	41.0
<code>searchType</code>	String	<p>The type of search to perform. One of these values:</p> <ul style="list-style-type: none"> • Recent—Return most recently used matches. • Search—Search for records with searchable fields that match the query term. • TypeAhead—Search for records whose names start with the query term. <p>The default value is <code>Recent</code>.</p>	Optional	41.0

Response Body[Record Collection](#)

SEE ALSO:

[Get Lookup Field Suggestions](#)[Get Lookup Field Actions](#)

Actions

Use these resources to get data and metadata about actions displayed in the Salesforce UI. Examples include standard and custom buttons, quick actions, and productivity actions.

[Get Global Actions](#)

Get the actions in the Global Actions menu.

[Get Record Detail Page Actions](#)

Get the actions on record detail pages.

[Get Record Edit Page Actions](#)

Get the actions on a record edit page.

[Get Related List Actions](#)

Get the actions on related lists on a record detail page.

[Get Related List Record Actions](#)

Get the actions on records in related lists.

[Get List View Header Actions](#)

Get the header actions on list views.

[Get List View Record Actions](#)

Get the record actions on list views.

[Get List View Chart Actions](#)

Get the chart actions on list views.

[Get Lightning Page Actions](#)

Get the actions on Lightning pages (FlexiPages).

[Get Lookup Field Actions](#)

Get the actions on lookup fields.

[Get MRU List View Actions](#)

Get the header actions on the most recently used (MRU) list view for objects.

[Get Photo Actions](#)

Get the photo actions for pages. Currently, only group and user pages support photo actions.

Get Global Actions

Get the actions in the Global Actions menu.

Resource

```
/ui-api/actions/global
```

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have a **New Opportunity** global action, among other actions. To get information about global actions, make this request:

```
GET /services/data/v41.0/ui-api/actions/global
```

The request returns a list of global actions, including **New Opportunity**, and the URLs of the request and subrequests.

```
{
  "actions" : {
    "001R0000003IDlwIAG" : {
      "actionListContext" : "Global",
      "actionTarget" : "/services/data/v41.0/quickActions/NewOpportunity/describe",
      "actionTargetType" : "Describe",
      "apiName" : "NewOpportunity",
      "externalId" : "00DR00000008n7M:Global::Global:Phone:09DR00000000Snl",
      "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_opportunity_120.png",
      "id" : "0JVR000000000300AA",
      "isMassAction" : "false",
      "label" : "New Opportunity",
      "primaryColor" : "FCB95B",
      "relatedListRecordId" : null,
      "relatedSourceObject" : null,
      "section" : "Page",
      "sourceObject" : "Global",
      "subtype" : "Create",
      "targetObject" : "Opportunity",
      "targetUrl" : null,
      "type" : "QuickAction"
    }
  }
  ... Additional actions removed for brevity ...
},
  "links" : [ ],
  "url" : "/services/data/v41.0/ui-api/actions/global"
},
  "url" : "/services/data/v41.0/ui-api/actions/global"
}
```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • <code>CustomButton</code>—A button that opens a URL or Visualforce page or executes JavaScript. • <code>ProductivityAction</code>—A pre-defined Salesforce action, attached to a limited set of objects. • <code>QuickAction</code>—A global or object-specific action. • <code>StandardButton</code>—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> • <code>Large</code>—(Default) Use this value to get a layout for desktop display size. • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
sections	String[]	<p>The section of the user interface that the action resides in. One of these values:</p> <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET

[ActionRepresentation](#)

Get Record Detail Page Actions

Get the actions on record detail pages.

Resource

```
/ui-api/actions/record/${recordIds}
```

`recordIds`—A single record ID, or a comma-delimited list of record IDs.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have an Account record detail page with a record ID of 001R00000003IDlwIAG. The page has some standard buttons and quick actions. To get information about all the actions on this page, make this request:

```
GET /services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG
```

The request returns a list of actions on the page and the URLs of the request and subrequests.

```
{
  "actions": {
    "001R00000003IDlwIAG": {
      "actions": [{
        "actionListContext": "Record",
        "actionTarget": null,
        "actionTargetType": "Invoke",
        "apiName": "Edit",
        "externalId": "00DR00000008n7M:001R00000003IDlwIAG::Record:Phone:StandardButton:Edit",
        "iconUrl": "https://yourInstance.salesforce.com/img/icon/t4v35/action/edit_120.png",
        "id": "0JVR00000000017OAA",
        "isMassAction": "false",
        "label": "Edit",
        "primaryColor": "1DCCBF",
        "relatedListRecordId": null,
        "relatedSourceObject": null,
        "section": "Page",
        "sourceObject": "001R00000003IDlwIAG",
        "subtype": null,
        "targetObject": "Account",
        "targetUrl": null,
        "type": "StandardButton"
      }],
      {
        "actionListContext" : "Record",
        "actionTarget" : "/services/data/v41.0/quickActions/NewTask/describe",
        "actionTargetType" : "Describe",
        "apiName" : "NewTask",
        "externalId" : "00DR00000008n7M:001R00000003IDlwIAG::Record:Phone:09DR00000000Sns",
        "iconUrl" :
        "https://yourInstance.salesforce.com/img/icon/t4v35/action/new_task_120.png",
        "id" : "0JVR00000000014OAA",
        "isMassAction" : "false",
        "label" : "New Task",
        "primaryColor" : "4BC076",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "ActivityComposer",
        "sourceObject" : "001R00000003IDlwIAG",
```

```

    "subtype" : "Create",
    "targetObject" : "Task",
    "targetUrl" : null,
    "type" : "QuickAction"
  }

... Additional actions removed for brevity ...

  ],
  "links": ["/services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG/record-edit",

"/services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG/related-list",
"/services/data/v41.0/ui-
api/actions/record/001R0000003IDlwIAG/related-list-record/${relatedRecordId}"],
    "url": "/services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG"
  }
},
"url": "/services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • CustomButton—A button that opens a URL or Visualforce page or executes JavaScript. • ProductivityAction—A pre-defined Salesforce action, attached to a limited set of objects. • QuickAction—A global or object-specific action. • StandardButton—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> • Large—(Default) Use this value to get a layout for desktop display size. • Medium—Use this value to get a layout for tablet display size. • Small—Use this value to get a layout for phone display size. 	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
sections	String[]	The section of the user interface that the action resides in. One of these values: <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET[ActionRepresentation](#)

Get Record Edit Page Actions

Get the actions on a record edit page.

Resource

```
/ui-api/actions/record/${recordId}/record-edit
```

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have an Account page with a record ID of 001R0000003IDlwIAG. To get information about all the actions on the edit page for this record, make this request:

```
GET /services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG/record-edit
```

The request returns a list of actions on the edit page and the URLs of the request and subrequests.

```
{
  "actions" : {
    "001R0000003IDlwIAG" : {
      "actions" : [ {
        "actionListContext" : "RecordEdit",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "SaveEdit",
        "externalId" :
"00DR00000008n7M:001R0000003IDlwIAG::RecordEdit:Phone:StandardButton:SaveEdit",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_custom19_120.png",
        "id" : "0JVR000000000010AA",
        "isMassAction" : "false",
        "label" : "Save",
        "primaryColor" : null,
        "relatedListRecordId" : null,

```

```

        "relatedSourceObject" : null,
        "section" : "Page",
        "sourceObject" : "001R00000003IDlwIAG",
        "subtype" : null,
        "targetObject" : "Account",
        "targetUrl" : null,
        "type" : "StandardButton"
    }

    ... Additional actions removed for brevity ...

],
    "links" : [ ],
    "url" : "/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG/record-edit"

    }
},
    "url" : "/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG/record-edit"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • CustomButton—A button that opens a URL or Visualforce page or executes JavaScript. • ProductivityAction—A pre-defined Salesforce action, attached to a limited set of objects. • QuickAction—A global or object-specific action. • StandardButton—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> • Large—(Default) Use this value to get a layout for desktop display size. • Medium—Use this value to get a layout for tablet display size. • Small—Use this value to get a layout for phone display size. 	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
sections	String[]	The section of the user interface that the action resides in. One of these values: <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET[ActionRepresentation](#)

Get Related List Actions

Get the actions on related lists on a record detail page.

Resources

```
/ui-api/actions/record/${recordId}/related-list/${relatedListIds}
```

`relatedListIds`—A related list ID, or a comma-delimited list of related list IDs.



Note: `${relatedListId}` is optional. The request returns all related list actions when `${relatedListIds}` isn't supplied.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have an Account record detail page with a record ID of `001R0000003IDlwIAG`. The page has some related lists, including tasks and events. To get information about all the related list actions on this page, make this request:

```
GET /services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG/related-list
```

The request returns a list of related list actions on the page and the URLs of the request and subrequests.

```
{
  "actions" : {
    "001R0000003IDlwIAG" : {
      "actions" : [ {
        "actionListContext" : "RelatedList",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "NewTask",
        "externalId" :
"00DR00000008n7M:001R0000003IDlwIAG::RelatedList:Phone:StandardButton:NewTask",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_task_120.png",
        "id" : "0JVR000000000360AA",
```

```

        "isMassAction" : "false",
        "label" : "New Task",
        "primaryColor" : "4BC076",
        "relatedListRecordId" : null,
        "relatedSourceObject" : "OpenActivities",
        "section" : "Page",
        "sourceObject" : "001R00000003IDlwIAG",
        "subtype" : null,
        "targetObject" : "Task",
        "targetUrl" : null,
        "type" : "StandardButton"
    }, {
        "actionListContext" : "RelatedList",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "NewEvent",
        "externalId" :
"00DR00000008n7M:001R00000003IDlwIAG::RelatedList:Phone:StandardButton:NewEvent",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_event_120.png",
        "id" : "0JVR00000000037OAA",
        "isMassAction" : "false",
        "label" : "New Event",
        "primaryColor" : "EB7092",
        "relatedListRecordId" : null,
        "relatedSourceObject" : "OpenActivities",
        "section" : "Page",
        "sourceObject" : "001R00000003IDlwIAG",
        "subtype" : null,
        "targetObject" : "Event",
        "targetUrl" : null,
        "type" : "StandardButton"
    }
}

... Additional actions removed for brevity ...

],
    "links" : [ ],
    "url" : "/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG/related-list"
}
},
    "url" : "/services/data/v41.0/ui-api/actions/record/001R00000003IDlwIAG/related-list"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	The action type. One of these values: <ul style="list-style-type: none"> • <code>CustomButton</code>—A button that opens a URL or Visualforce page or executes JavaScript. • <code>ProductivityAction</code>—A pre-defined Salesforce action, attached to a limited set of objects. • <code>QuickAction</code>—A global or object-specific action. • <code>StandardButton</code>—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	The layout display size. One of these values: <ul style="list-style-type: none"> • <code>Large</code>—(Default) Use this value to get a layout for desktop display size. • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
sections	String[]	The section of the user interface that the action resides in. One of these values: <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET

[ActionRepresentation](#)

Get Related List Record Actions

Get the actions on records in related lists.

Resource

```
/ui-api/actions/record/${recordId}/related-list-record/${relatedListRecordIds}
```

`relatedListRecordIds`—A related list record ID, or a comma-delimited list of related list record IDs.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have an Account record detail page with a record ID of 001R0000003IDlwIAG. The page has a Contacts related list, and one of the Contacts has a record ID of 003R0000007qfC7. To get information about the actions for this contact, make this request:

```
GET
/services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG/related-list-record/003R0000007qfC7
```

The request returns a list of actions for the contact and the URLs of the request and subrequests.

```
{
  "actionListContext" : "RelatedListRecord",
  "actionTarget" : null,
  "actionTargetType" : "Invoke",
  "apiName" : "Delete",
  "externalId" :
"00DR00000008n7M:001R0000003IDlwIAG::RelatedListRecord:Phone:StandardButton:Delete",
  "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/delete_120.png",
  "id" : "0JVR000000000140AA",
  "isMassAction" : "false",
  "label" : "Delete",
  "primaryColor" : "E6717C",
  "relatedListRecordId" : "003R0000007qfC7",
  "relatedSourceObject" : "Contacts",
  "section" : "Page",
  "sourceObject" : "001R0000003IDlwIAG",
  "subtype" : null,
  "targetObject" : "Contact",
  "targetUrl" : null,
  "type" : "StandardButton"
}

... Additional actions removed for brevity ...

],
  "links" : [ ],
  "url" :
"/services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG/related-list-record/003R0000007qfC7"
}
},
  "url" :
"/services/data/v41.0/ui-api/actions/record/001R0000003IDlwIAG/related-list-record/003R0000007qfC7"
}
```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • <code>CustomButton</code>—A button that opens a URL or Visualforce page or executes JavaScript. • <code>ProductivityAction</code>—A pre-defined Salesforce action, attached to a limited set of objects. • <code>QuickAction</code>—A global or object-specific action. • <code>StandardButton</code>—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> • <code>Large</code>—(Default) Use this value to get a layout for desktop display size. • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
sections	String[]	<p>The section of the user interface that the action resides in. One of these values:</p> <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET

[ActionRepresentation](#)

Get List View Header Actions

Get the header actions on list views.

Resource

```
/ui-api/actions/list-view/${listViewIds}
```

`listViewIds`—A single list view ID, or a comma-delimited list of list view IDs.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have an Accounts list view with an ID of 00BR000000WYY9MAO. This list view has Sort and New header actions, among other actions. To get information about the header actions on this list view, make this request:

```
GET /services/data/v41.0/ui-api/actions/list-view/00BR000000WYY9MAO
```

The request returns a list of header actions on the list view and the URLs of the request and subrequests.

```
{
  "actions" : {
    "00BR000000vL8yMAE" : {
      "actions" : [ {
        "actionListContext" : "ListView",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "EditFilter",
        "externalId" :
          "00DR000000978H:00BR000000vL8yMAE::ListView:Desktop:StandardButton:EditFilter",
        "iconUrl" : "https://mobile1.t.salesforce.com/img/icon/t4v35/action/filter_120.png",
        "id" : "0JVR00000021485OAA",
        "isMassAction" : "false",
        "label" : "Filter",
        "primaryColor" : "54698d",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
        "sourceObject" : "00BR000000vL8yMAE",
        "subtype" : null,
        "targetObject" : "Account",
        "targetUrl" : null,
        "type" : "StandardButton"
      }, {
        "actionListContext" : "ListView",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "ListSort",
        "externalId" :
          "00DR000000978H:00BR000000vL8yMAE::ListView:Desktop:StandardButton:ListSort",
        "iconUrl" : "https://mobile1.t.salesforce.com/img/icon/t4v35/action/sort_120.png",
        "id" : "0JVR00000021486OAA",
        "isMassAction" : "false",
        "label" : "Sort",
        "primaryColor" : "FAB9A5",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
        "sourceObject" : "00BR000000vL8yMAE",
        "subtype" : null,
```

```

"targetObject" : "Account",
"targetUrl" : null,
"type" : "StandardButton"
}, {
"actionListContext" : "ListView",
"actionTarget" : null,
"actionTargetType" : "Invoke",
"apiName" : "New",
"externalId" : "00DR0000000978H:00BR0000000vL8yMAE::ListView:Desktop:StandardButton:New",
"iconUrl" : "https://mobile1.t.salesforce.com/img/icon/t4v35/action/new_120.png",
"id" : "0JVR00000021487OAA",
"isMassAction" : "false",
"label" : "New",
"primaryColor" : "33BCE7",
"relatedListRecordId" : null,
"relatedSourceObject" : null,
"section" : "Page",
"sourceObject" : "00BR0000000vL8yMAE",
"subtype" : null,
"targetObject" : "Account",
"targetUrl" : null,
"type" : "StandardButton"
}, {
"actionListContext" : "ListView",
"actionTarget" : null,
"actionTargetType" : "Invoke",
"apiName" : "DiscoveryGetAccountsAction",
"externalId" :
"00DR0000000978H:00BR0000000vL8yMAE::ListView:Desktop:StandardButton:DiscoveryGetAccountsAction",
"iconUrl" : "https://mobile1.t.salesforce.com/img/icon/t4v35/action/new_custom19_120.png",
"id" : "0JVR00000021488OAA",
"isMassAction" : "false",
"label" : "Discover Companies",
"primaryColor" : "4A90E2",
"relatedListRecordId" : null,
"relatedSourceObject" : null,
"section" : "Page",
"sourceObject" : "00BR0000000vL8yMAE",
"subtype" : null,
"targetObject" : "Account",
"targetUrl" : null,
"type" : "StandardButton"
} ],
"links" : [ ],
"url" : "/services/data/v46.0/ui-api/actions/list-view/00BR0000000vL8yMAE"
}
},
"eTag" : "7aca6d0d1a8bfla5cc1ffd50b0969a74",
"url" : "/services/data/v46.0/ui-api/actions/list-view/00BR0000000vL8yMAE"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	The action type. One of these values: <ul style="list-style-type: none"> • <code>CustomButton</code>—A button that opens a URL or Visualforce page or executes JavaScript. • <code>ProductivityAction</code>—A pre-defined Salesforce action, attached to a limited set of objects. • <code>QuickAction</code>—A global or object-specific action. • <code>StandardButton</code>—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	The layout display size. One of these values: <ul style="list-style-type: none"> • <code>Large</code>—(Default) Use this value to get a layout for desktop display size. • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
sections	String[]	The section of the user interface that the action resides in. One of these values: <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET

[ActionRepresentation](#)

Get List View Record Actions

Get the record actions on list views.

Resource

```
/ui-api/actions/list-view-record/${recordIds}
```

`recordIds`—A single record ID, or a comma-delimited list of record IDs.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have an Account lists view containing several Account records. Each Account record has an Edit and Delete record action. In Lightning, these actions display in a drop-down list for each record. To get information about the actions on a particular record with an ID of 001R00000003IDlwIAG, make this request:

```
GET /services/data/v41.0/ui-api/actions/list-view-record/001R00000003IDlwIAG
```

The request returns a list of the record actions for the record and the URLs of the request and subrequests.

```
{
  "actions" : {
    "001R00000003IDlwIAG" : {
      "actions" : [ {
        "actionListContext" : "ListViewRecord",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "Edit",
        "externalId" :
"00DR00000008n7M:001R00000003IDlwIAG::ListViewRecord:Phone:StandardButton:Edit",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/edit_120.png",
        "id" : "0JVR000000000660AA",
        "isMassAction" : "false",
        "label" : "Edit",
        "primaryColor" : "1DCCBF",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
        "sourceObject" : "001R00000003IDlwIAG",
        "subtype" : null,
        "targetObject" : "Account",
        "targetUrl" : null,
        "type" : "StandardButton"
      }, {
        "actionListContext" : "ListViewRecord",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "Delete",
        "externalId" :
"00DR00000008n7M:001R00000003IDlwIAG::ListViewRecord:Phone:StandardButton:Delete",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/delete_120.png",
        "id" : "0JVR000000000670AA",
        "isMassAction" : "false",
        "label" : "Delete",
        "primaryColor" : "E6717C",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
```

```

        "sourceObject" : "001R00000003IDlwIAG",
        "subtype" : null,
        "targetObject" : "Account",
        "targetUrl" : null,
        "type" : "StandardButton"
    }

    ... Additional actions removed for brevity ...

],
    "links" : [ ],
    "url" : "/services/data/v41.0/ui-api/actions/list-view-record/001R00000003IDlwIAG"

    }
},
"url" : "/services/data/v41.0/ui-api/actions/list-view-record/001R00000003IDlwIAG"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • CustomButton—A button that opens a URL or Visualforce page or executes JavaScript. • ProductivityAction—A pre-defined Salesforce action, attached to a limited set of objects. • QuickAction—A global or object-specific action. • StandardButton—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> • Large—(Default) Use this value to get a layout for desktop display size. • Medium—Use this value to get a layout for tablet display size. • Small—Use this value to get a layout for phone display size. 	Optional	41.0
sections	String[]	<p>The section of the user interface that the action resides in. One of these values:</p> <ul style="list-style-type: none"> • ActivityComposer 	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<ul style="list-style-type: none"> CollaborateComposer Page SingleActionLinks 		

Response body for GET[ActionRepresentation](#)

Get List View Chart Actions

Get the chart actions on list views.

Resource

```
/ui-api/actions/list-view-chart/${objectApiName}
```



Note: Currently, only `ListViewChartInstance` is valid for `${objectApiName}`.

Available version

41.0

HTTP methods

GET

Example

This example gets the chart actions on a list view.

```
GET /services/data/v41.0/ui-api/actions/list-view-chart/ListViewChartInstance
```

The request returns a list of chart actions on the list view and the URLs of the request and subrequests.

```
{
  "actions" : {
    "ListViewChartInstance" : {
      "actions" : [ {
        "actionListContext" : "ObjectHomeChart",
        "actionTarget" : null,
        "actionTargetType" : null,
        "apiName" : "NewObjectHomeChartAction",
        "externalId" :
"00DR00000008n7M:ListViewChartInstance::ObjectHomeChart:Phone:StandardButton:NewObjectHomeChartAction",

        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_custom19_120.png",
        "id" : "0JVR000000000010AA",
        "isMassAction" : "false",
        "label" : "New Chart",
        "primaryColor" : null,
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
```

```

        "sourceObject" : "ListViewChartInstance",
        "subtype" : null,
        "targetObject" : "ListViewChart",
        "targetUrl" : null,
        "type" : "StandardButton"
    }

    ... Additional actions removed for brevity ...

],
    "links" : [ ],
    "url" : "/services/data/v41.0/ui-api/actions/list-view-chart/ListViewChartInstance"

    }
},
    "url" : "/services/data/v41.0/ui-api/actions/list-view-chart/ListViewChartInstance"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • CustomButton—A button that opens a URL or Visualforce page or executes JavaScript. • ProductivityAction—A pre-defined Salesforce action, attached to a limited set of objects. • QuickAction—A global or object-specific action. • StandardButton—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> • Large—(Default) Use this value to get a layout for desktop display size. • Medium—Use this value to get a layout for tablet display size. • Small—Use this value to get a layout for phone display size. 	Optional	41.0
sections	String[]	<p>The section of the user interface that the action resides in. One of these values:</p> <ul style="list-style-type: none"> • ActivityComposer 	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<ul style="list-style-type: none"> CollaborateComposer Page SingleActionLinks 		

Response body for GET[ActionRepresentation](#)

Get Lightning Page Actions

Get the actions on Lightning pages (FlexiPages).

Resource

```
/ui-api/actions/flexipage/${flexipageNames}
```

`flexipageNames`—A Lightning page name, or a comma-delimited list of Lightning page names.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have a Lightning page named *MyNewLightningPage*. The page has quick actions for logging a call and creating an account. To get information about all the actions on this page, make this request:

```
GET /services/data/v41.0/ui-api/actions/flexipage/MyNewLightningPage
```

The request returns a list of actions on the Lightning page and the URLs of the request and subrequests.

```
{
  "actions" : {
    "MyNewLightningPage" : {
      "actions" : [ {
        "actionListContext" : "Flexipage",
        "actionTarget" : "/services/data/v41.0/quickActions/LogACall/describe",
        "actionTargetType" : "Describe",
        "apiName" : "LogACall",
        "externalId" :
"00DR00000008n7M:MyNewLightningPage::Flexipage:Desktop:09DR00000000Snt",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/log_a_call_120.png",
        "id" : "0JVR00000000090AA",
        "isMassAction" : "false",
        "label" : "Log a Call",
        "primaryColor" : "48C3CC",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : null,

```

```

    "sourceObject" : "MyNewLightningPage",
    "subtype" : "LogACall",
    "targetObject" : "Task",
    "targetUrl" : null,
    "type" : "QuickAction"
  }, {
    "actionListContext" : "Flexipage",
    "actionTarget" : "/services/data/v41.0/quickActions/NewAccount/describe",
    "actionTargetType" : "Describe",
    "apiName" : "NewAccount",
    "externalId" :
"00DR00000008n7M:MyNewLightningPage::Flexipage:Desktop:09DR00000000Sni",
    "imageUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_account_120.png",
    "id" : "0JVR000000000100AA",
    "isMassAction" : "false",
    "label" : "New Account",
    "primaryColor" : "7F8DE1",
    "relatedListRecordId" : null,
    "relatedSourceObject" : null,
    "section" : null,
    "sourceObject" : "MyNewLightningPage",
    "subtype" : "Create",
    "targetObject" : "Account",
    "targetUrl" : null,
    "type" : "QuickAction"
  } ],
  "links" : [ ],
  "url" : "/services/data/v41.0/ui-api/actions/flexipage/MyNewLightningPage"
}
},
"url" : "/services/data/v41.0/ui-api/actions/flexipage/MyNewLightningPage"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • CustomButton—A button that opens a URL or Visualforce page or executes JavaScript. • ProductivityAction—A pre-defined Salesforce action, attached to a limited set of objects. • QuickAction—A global or object-specific action. • StandardButton—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
<code>formFactor</code>	String	The layout display size. One of these values: <ul style="list-style-type: none"> • <code>Large</code>—(Default) Use this value to get a layout for desktop display size. • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
<code>sections</code>	String[]	The section of the user interface that the action resides in. One of these values: <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET[ActionRepresentation](#)

Get Lookup Field Actions

Get the actions on lookup fields.

Resource

```
/ui-api/actions/lookup/${objectApiNames}
```

`objectApiNames`—A lookup field name, or a comma-delimited list of lookup field names.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have a lookup field on a New Account dialog box. To get information about the actions on this lookup field, make this request:

```
GET /services/data/v41.0/ui-api/actions/lookup/Account
```

The request returns a list of actions on the lookup field and the URLs of the request and subrequests.

```
{
  "actions" : {
    "Account" : {
      "actions" : [ {
```

```

        "actionListContext" : "Lookup",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "CreateFromLookup",
        "externalId" :
"00DR00000008n7M:Account::Lookup:Phone:StandardButton:CreateFromLookup",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_120.png",
        "id" : "0JVR000000000040AA",
        "isMassAction" : "false",
        "label" : "New",
        "primaryColor" : "33BCE7",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
        "sourceObject" : "Account",
        "subtype" : null,
        "targetObject" : "Account",
        "targetUrl" : null,
        "type" : "StandardButton"
    } ],
    "links" : [ ],
    "url" : "/services/data/v41.0/ui-api/actions/lookup/Account"
}
},
"url" : "/services/data/v41.0/ui-api/actions/lookup/Account"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> CustomButton—A button that opens a URL or Visualforce page or executes JavaScript. ProductivityAction—A pre-defined Salesforce action, attached to a limited set of objects. QuickAction—A global or object-specific action. StandardButton—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> Large—(Default) Use this value to get a layout for desktop display size. 	Optional	41.0

Parameter Name	Type	Description	Required or Optional	Available Version
		<ul style="list-style-type: none"> • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 		
<code>sections</code>	<code>String[]</code>	<p>The section of the user interface that the action resides in. One of these values:</p> <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET[ActionRepresentation](#)

SEE ALSO:

[Get Lookup Field Suggestions](#)[Get Lookup Field Suggestions for a Specified Object](#)

Get MRU List View Actions

Get the header actions on the most recently used (MRU) list view for objects.

Resource

```
/ui-api/actions/mru-list/${objectApiNames}
```

`objectApiNames`—An object name, or a comma-delimited list of object names.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have a most recently used Accounts list view. To get information about the header actions on this list view, make this request:

```
GET /services/data/v41.0/ui-api/actions/mru-list/Account
```

The request returns a list of header actions on the list view and the URLs of the request and subrequests.

```
{
  "actions" : {
    "Account" : {
      "actions" : [ {
```

```

        "actionListContext" : "MruList",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "New",
        "externalId" : "00DR00000008n7M:Account::MruList:Phone:StandardButton:New",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/new_120.png",
        "id" : "0JVR000000001020AA",
        "isMassAction" : "false",
        "label" : "New",
        "primaryColor" : "33BCE7",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
        "sourceObject" : "Account",
        "subtype" : null,
        "targetObject" : "Account",
        "targetUrl" : null,
        "type" : "StandardButton"
    }, {
        "actionListContext" : "MruList",
        "actionTarget" : null,
        "actionTargetType" : null,
        "apiName" : "MruListSort",
        "externalId" :
"00DR00000008n7M:Account::MruList:Phone:StandardButton:MruListSort",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/sort_120.png",
        "id" : "0JVR000000001030AA",
        "isMassAction" : "false",
        "label" : "Sort",
        "primaryColor" : "FAB9A5",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
        "sourceObject" : "Account",
        "subtype" : null,
        "targetObject" : "Account",
        "targetUrl" : null,
        "type" : "StandardButton"
    }
}

... Additional actions removed for brevity ...

],
    "links" : [ ],
    "url" : "/services/data/v41.0/ui-api/actions/mru-list/Account"
}
},
"url" : "/services/data/v41.0/ui-api/actions/mru-list/Account"
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • <code>CustomButton</code>—A button that opens a URL or Visualforce page or executes JavaScript. • <code>ProductivityAction</code>—A pre-defined Salesforce action, attached to a limited set of objects. • <code>QuickAction</code>—A global or object-specific action. • <code>StandardButton</code>—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> • <code>Large</code>—(Default) Use this value to get a layout for desktop display size. • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
sections	String[]	<p>The section of the user interface that the action resides in. One of these values:</p> <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET

[ActionRepresentation](#)

Get Photo Actions

Get the photo actions for pages. Currently, only group and user pages support photo actions.

Resource

```
/ui-api/actions/photo/${recordIds}
```

`recordIds`—A single record ID, or a comma-delimited list of record IDs.

Available version

41.0

HTTP methods

GET

Example

As an example, let's say we have a Group tab with a record ID of 0F9R00000000182KAA . To get information about the photo actions on the tab, make this request:

```
GET /services/data/v41.0/ui-api/actions/photo/0F9R00000000182KAA
```

The request returns a list of photo actions on the tab and the URLs of the request and subrequests.

```
{
  "actions" : {
    "0F9R00000000182KAA" : {
      "actions" : [ {
        "actionListContext" : "Photo",
        "actionTarget" : null,
        "actionTargetType" : "Invoke",
        "apiName" : "ViewPhotoAction",
        "externalId" :
"00DR00000008n7M:0F9R00000000182KAA::Photo:Phone:StandardButton:ViewPhotoAction",
        "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/action/email_120.png",
        "id" : "0JVR0000000035OAA",
        "isMassAction" : "false",
        "label" : "View Photo",
        "primaryColor" : "95AEC5",
        "relatedListRecordId" : null,
        "relatedSourceObject" : null,
        "section" : "Page",
        "sourceObject" : "0F9R00000000182KAA",
        "subtype" : null,
        "targetObject" : null,
        "targetUrl" : null,
        "type" : "StandardButton"
      }
    ]
  },
  ... Additional actions removed for brevity ...
},
{
  "links" : [ ],
  "url" : "/services/data/v41.0/ui-api/actions/photo/0F9R00000000182KAA"
},
{
  "url" : "/services/data/v41.0/ui-api/actions/photo/0F9R00000000182KAA"
}
```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
actionTypes	String[]	<p>The action type. One of these values:</p> <ul style="list-style-type: none"> • <code>CustomButton</code>—A button that opens a URL or Visualforce page or executes JavaScript. • <code>ProductivityAction</code>—A pre-defined Salesforce action, attached to a limited set of objects. • <code>QuickAction</code>—A global or object-specific action. • <code>StandardButton</code>—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Optional	41.0
formFactor	String	<p>The layout display size. One of these values:</p> <ul style="list-style-type: none"> • <code>Large</code>—(Default) Use this value to get a layout for desktop display size. • <code>Medium</code>—Use this value to get a layout for tablet display size. • <code>Small</code>—Use this value to get a layout for phone display size. 	Optional	41.0
sections	String[]	<p>The section of the user interface that the action resides in. One of these values:</p> <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Optional	41.0

Response body for GET

[ActionRepresentation](#)

Favorites

Use these resources to create and update a single favorite or a collection of favorites, and to get favorites usage information. These resources make it easy to build UI for favorites.

[Create a Favorite](#)

Create a favorite.

[Get a Favorite](#)

Get a favorite.

[Get Favorites](#)

Get all of a user's favorites.

[Update a Favorite](#)

Update a favorite.

[Update a Batch of Favorites](#)

Update all favorites at once. The sort order is updated to the given relative ordering. Any favorites missing from the request body are deleted.

[Delete a Favorite](#)

Delete a favorite.

[Update Usage of a Favorite](#)

Update the usage of an individual favorite, for example, the last time and number of times the favorite was clicked.

Create a Favorite

Create a favorite.

Resource

```
/ui-api/favorites
```

Available Version

41.0

HTTP Method

POST

Request Body**JSON example**

```
{
  name: "Most Important Accounts",
  sortOrder: 1
  target: "00BR0000000tTTwMAM",
  targetType: "ListView"
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
name	String	The name of the favorite.	You must specify either <code>name</code> or <code>sortOrder</code> . You may specify both.	41.0

Name	Type	Description	Required or Optional	Available Version
sortOrder	Integer	The sort order of the favorite, from 1 to N.	You must specify either <code>name</code> or <code>sortOrder</code> . You may specify both.	41.0
target	String	The record, API name, or content being favorited.	Required in a POST request. Do not specify in a PATCH request.	41.0
targetType	String	The type of favorite. One of these values: <ul style="list-style-type: none">• <code>ListView</code>—A favorited list view.• <code>ObjectHome</code>—A favorited object home.• <code>Record</code>—A favorited record.• <code>Tab</code>—A favorited tab.	Required in a POST request. Do not specify in a PATCH request.	41.0

Request Parameters

Name	Type	Description	Required or Optional	Available Version
name	String	The name of the favorite.	Optional	41.0
sortOrder	Integer	The sort order of the favorite, from 1 to N.	Optional	41.0
target	String	The record, API name, or content being favorited.	Required	41.0
targetType	String	The type of favorite. One of these values: <ul style="list-style-type: none">• <code>ListView</code>—A favorited list view.• <code>ObjectHome</code>—A favorited object home.• <code>Record</code>—A favorited record.• <code>Tab</code>—A favorited tab.	Required	41.0

Response Body for POST

[Favorite](#)

Get a Favorite

Get a favorite.

Resource

```
/ui-api/favorites/${favoriteId}
```

`favoriteId`—The ID of a favorite.

Available Version

41.0

HTTP Method

GET

Response Body

[FavoriteRepresentation](#) on page 144

Get Favorites

Get all of a user's favorites.

Resource

```
/ui-api/favorites
```

Available Version

41.0

HTTP Method

GET

Response Body

[Favorite Collection](#)

Update a Favorite

Update a favorite.

Resource

```
/ui-api/favorites/${favoriteId}
```

`favoriteId`—The ID of a favorite.

Available Version

41.0

HTTP Method

PATCH

Example

This example uses a request body to update a favorite.

```
{
  name: "Red Accounts",
  sortOrder: 1
}
```


Request Body

Name	Type	Description	Required or Optional	Available Version
name	String	The name of the favorite.	You must specify either <code>name</code> or <code>sortOrder</code> . You may specify both.	41.0
sortOrder	Integer	The sort order of the favorite, from 1 to N.	You must specify either <code>name</code> or <code>sortOrder</code> . You may specify both.	41.0
target	String	The record, API name, or content being favorited.	Required in a POST request. Do not specify in a PATCH request.	41.0
targetType	String	The type of favorite. One of these values: <ul style="list-style-type: none">• <code>ListView</code>—A favorited list view.• <code>ObjectHome</code>—A favorited object home.• <code>Record</code>—A favorited record.• <code>Tab</code>—A favorited tab.	Required in a POST request. Do not specify in a PATCH request.	41.0

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
name	String	The name of the favorite.	You must specify either <code>name</code> or <code>sortOrder</code> . You may specify both.	41.0
sortOrder	Integer	The sort order of the favorite, from 1 to N.	You must specify either <code>name</code> or <code>sortOrder</code> . You may specify both.	41.0

Response Body[FavoriteRepresentation](#)

Update a Batch of Favorites

Update all favorites at once. The sort order is updated to the given relative ordering. Any favorites missing from the request body are deleted.

Resource

/ui-api/favorites/batch

Available Version

41.0

HTTP Method

PUT

Request Body

JSON example

```
{
  favorites: [
    {
      id: "0MVR00000004DhnOAE",
      name: "Q4 Perf"
    }, {
      id: "0MVR00000004DhsOAE"
    }, {
      id: "0MVR00000004DiGOAU"
    }, {
      id: "0MVR000000001e2OAA",
      name: "Office Group"
    }, {
      id: "0MVR00000004GGlOAM"
    }
  ]
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
favorites	Favorite Batch Input[]	The list of favorites to keep and update.	Required	41.0

Response Body

[Favorite Collection](#)

Delete a Favorite

Delete a favorite.

Resource

/ui-api/favorites/\${favoriteId}

favoriteId—The ID of a favorite.

Available Version

41.0

HTTP Method

DELETE

Response Body

Deleting a record returns a 200 HTTP status code.

Update Usage of a Favorite

Update the usage of an individual favorite, for example, the last time and number of times the favorite was clicked.

Resource

```
/ui-api/favorites/${favoriteId}/usage
```

`favoriteId`—The ID of a favorite.

Available Version

41.0

HTTP Method

PATCH

Response Body[Favorite](#)

List Views

Use these resources to get data and metadata about list views displayed in the Salesforce UI.

[Get List Views for an Object](#)

Returns a collection of list views associated with an object.

[Get List View Records](#)

Returns record data for a list view.

[Get List View Metadata](#)

Returns list view metadata.

[Get List View Records and Metadata](#)

Returns record data and metadata for a list view.

[Get Most Recently Used List View Records](#)

Returns record data for an object's most recently used (MRU) list view.

[Get Most Recently Used List View Metadata](#)

Returns metadata for an object's most recently viewed (MRU) list view.

[Get Most Recently Used List View Records and Metadata](#)

Returns record data and metadata for an object's most recently used (MRU) list view.

Get List Views for an Object

Returns a collection of list views associated with an object.

Resource

```
/ui-api/list-ui/${objectApiName}
```

- `objectApiName`—A [supported](#) object, such as Account.

Available version

43.0

HTTP methods

GET

Example

To retrieve all list views associated with accounts, make this request:

```
GET /services/data/v46.0/ui-api/list-ui/Account
```

The request returns a list of all list views for the given object.

```
{
  "count" : 6,
  "currentPageToken" : "0",
  "currentPageUrl" :
"/services/data/v43.0/ui-api/list-ui/Account?pageSize=20&pageToken=0",
  "eTag" : "d33d58077e8560bcaec18bdc2647c642",
  "lists" : [ {
    "apiName" : "AllAccounts",
    "id" : "00BRM000002KPM42AO",
    "label" : "All Accounts",
    "listUiUrl" : "/services/data/v43.0/ui-api/list-ui/Account/AllAccounts"
  }, {
    "apiName" : "MyAccounts",
    "id" : "00BRM000002KPM2A4",
    "label" : "My Accounts",
    "listUiUrl" : "/services/data/v43.0/ui-api/list-ui/Account/MyAccounts"
  }, {
    "apiName" : "NewLastWeek",
    "id" : "00BRM000002KPMj2AO",
    "label" : "New Last Week",
    "listUiUrl" : "/services/data/v43.0/ui-api/list-ui/Account/NewLastWeek"
  }, {
    "apiName" : "NewThisWeek",
    "id" : "00BRM000002KPMQ2A4",
    "label" : "New This Week",
    "listUiUrl" : "/services/data/v43.0/ui-api/list-ui/Account/NewThisWeek"
  }, {
    "apiName" : "PlatinumandGoldSLACustomers",
    "id" : "00BRM000002KPMg2AO",
    "label" : "Platinum and Gold SLA Customers",
    "listUiUrl" :
"/services/data/v43.0/ui-api/list-ui/Account/PlatinumandGoldSLACustomers"
  }, {
    "apiName" : "RecentlyViewedAccounts",
```

```

        "id" : "00BRM000002KPM22AO",
        "label" : "Recently Viewed Accounts",
        "listUiUrl" : "/services/data/v43.0/ui-api/list-ui/Account/RecentlyViewedAccounts"
    } ],
    "nextPageToken" : null,
    "nextPageUrl" : null,
    "previousPageToken" : null,
    "previousPageUrl" : null
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
pageSize	String	The number of list records viewed at one time. The default value is 20. Value can be 1–2000.	Optional	43.0
pageToken	String	A token that represents the page offset. To indicate where the page starts, use this value with the <code>pageSize</code> parameter. The maximum offset is 2000 and the default is 0.	Optional	43.0
q	String	Query list views that contain certain key words.	Optional	43.0
recentListsOnly	Boolean	Show only recently viewed lists.	Optional	43.0

Response body for GET

[List View Summary Collection](#)

Get List View Records

Returns record data for a list view.

Resources

```
/ui-api/list-records/${listViewId}
```

```
/ui-api/list-records/${objectApiName}/${listViewApiName}
```

- `listViewId`—The ID of a list view, such as 00BR0000000Wc0rMAC.
- `objectApiName`—A [supported](#) object, such as Account.
- `listViewApiName`—The API name of a list view, such as AllAccounts.

Available version

42.0

HTTP methods

GET

Example

As an example, let's say we have a list view named All Accounts with a list view ID of 00BR000000Wc0rMAC. To get information about all the records on this list view, make this request:

```
/services/data/v46.0/ui-api/list-records/00BR000000Wc0rMAC
```

You can also use the object API name and list view API name of the list view to make the same request:

```
/services/data/v46.0/ui-api/list-records/Account/AllAccounts
```

The request returns a list of records on the list view.

```
{
  "count" : 12,
  "currentPageToken" : "0",
  "currentPageUrl" :
"/services/data/v43.0/ui-api/list-records/Account/AllAccounts?pageSize=50&pageToken=0",

  "listInfoETag" : "f5f522aef88a0cb38be54b9c0095fe3c",
  "nextPageToken" : null,
  "nextPageUrl" : null,
  "previousPageToken" : null,
  "previousPageUrl" : null,
  "records" : [ {
    "apiName" : "Account",
    "childRelationships" : { },
    "eTag" : "d55bcd780f2145b724be5a563f37b9b2",
    "fields" : {
      "BillingState" : {
        "displayValue" : null,
        "value" : "NC"
      },
      "CreatedDate" : {
        "displayValue" : null,
        "value" : "2018-04-11T00:37:56.000Z"
      },
      "Id" : {
        "displayValue" : null,
        "value" : "001RM000003UNtxYAG"
      },
      "LastModifiedDate" : {
        "displayValue" : null,
        "value" : "2018-04-11T00:37:56.000Z"
      },
      "Name" : {
        "displayValue" : null,
        "value" : "Burlington Textiles Corp of America"
      },
      "Owner" : {
        "displayValue" : null,
        "value" : {
          "apiName" : "User",
          "childRelationships" : { },
          "eTag" : "671bc4877d13cd4f43d28a671636f873",
          "fields" : {
```

```

        "Alias" : {
          "displayValue" : null,
          "value" : "AUser"
        },
        "Id" : {
          "displayValue" : null,
          "value" : "005RM000001cNuJYAU"
        }
      },
      "id" : "005RM000001cNuJYAU",
      "recordTypeInfo" : null
    }
  },
  "OwnerId" : {
    "displayValue" : null,
    "value" : "005RM000001cNuJYAU"
  },
  "Phone" : {
    "displayValue" : null,
    "value" : "(336) 222-7000"
  },
  "Site" : {
    "displayValue" : null,
    "value" : null
  },
  "SystemModstamp" : {
    "displayValue" : null,
    "value" : "2018-04-11T00:37:56.000Z"
  },
  "Type" : {
    "displayValue" : "Customer - Direct",
    "value" : "Customer - Direct"
  }
},
"id" : "001RM000003UNTxYAG",
"recordTypeInfo" : null
}, {
  "apiName" : "Account",
  "childRelationships" : { },
  "eTag" : "e697d1805461f30a76a6d32164bbb930",
  "fields" : {
    "BillingState" : {
      "displayValue" : null,
      "value" : "KS"
    },
    "CreatedDate" : {
      "displayValue" : null,
      "value" : "2018-04-11T00:37:56.000Z"
    },
    "Id" : {
      "displayValue" : null,
      "value" : "001RM000003UNtzYAG"
    },
    "LastModifiedDate" : {

```

```

        "displayValue" : null,
        "value" : "2018-04-11T00:37:56.000Z"
    },
    "Name" : {
        "displayValue" : null,
        "value" : "Dickenson plc"
    },
    "Owner" : {
        "displayValue" : null,
        "value" : {
            "apiName" : "User",
            "childRelationships" : { },
            "eTag" : "671bc4877d13cd4f43d28a671636f873",
            "fields" : {
                "Alias" : {
                    "displayValue" : null,
                    "value" : "AUser"
                },
                "Id" : {
                    "displayValue" : null,
                    "value" : "005RM000001cNuJYAU"
                }
            }
        },
        "id" : "005RM000001cNuJYAU",
        "recordTypeInfo" : null
    }
},
"OwnerId" : {
    "displayValue" : null,
    "value" : "005RM000001cNuJYAU"
},
"Phone" : {
    "displayValue" : null,
    "value" : "(785) 241-6200"
},
"Site" : {
    "displayValue" : null,
    "value" : null
},
"SystemModstamp" : {
    "displayValue" : null,
    "value" : "2018-04-11T00:37:56.000Z"
},
"Type" : {
    "displayValue" : "Customer - Channel",
    "value" : "Customer - Channel"
}
},
"id" : "001RM000003UNTzYAG",
"recordTypeInfo" : null
}, {
    ... Additional records removed for brevity ...
}
]

```



```
}
}
```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
fields	String[]	Additional fields queried for the records returned. These fields don't create visible columns. If the field is not available to the user, an error occurs.	Optional	42.0
optionalFields	String[]	Additional fields queried for the records returned. These fields don't create visible columns. If the field is not available to the user, no error occurs and the field isn't included in the records.	Optional	42.0
pageSize	String	The number of list records viewed at one time. The default value is 50. Value can be 1–2000.	Optional	42.0
pageToken	String	A token that represents the page offset. To indicate where the page starts, use this value with the <code>pageSize</code> parameter. The maximum offset is 2000 and the default is 0.	Optional	42.0
sortBy	String	The API name of the field the list view is sorted by. If the name is preceded with "-", the sort order is descending. For example, "Name" sorts by name in ascending order. "-CreatedDate" sorts by created date in descending order.	Optional	42.0

Response body for GET
[List Record Collection](#)

Get List View Metadata

Returns list view metadata.

Resource

```
/ui-api/list-info/${listViewId}
```

```
/ui-api/list-info/${objectApiName}/${listViewApiName}
```

- `listViewId`—The ID of a list view, such as 00BR0000000Wc0rMAC.
- `objectApiName`—A [supported](#) object, such as Account.
- `listViewApiName`—The API name of a list view, such as AllAccounts.

Available version

42.0

HTTP methods

GET

Example

As an example, let's say we have a list view named All Accounts with a list view ID of 00BR0000000Wc0rMAC. To get information about the metadata for this list view, make this request:

```
/services/data/v46.0/ui-api/list-info/00BR0000000Wc0rMAC
```

You can also use the object API name and list view API name of the list view to make the same request:

```
/services/data/v46.0/ui-api/list-info/Account/AllAccounts
```

The request returns the metadata for the list view.

```
{
  "cloneable" : true,
  "createable" : true,
  "deletable" : true,
  "displayColumns" : [ {
    "fieldApiName" : "Name",
    "label" : "Account Name",
    "sortable" : true
  }, {
    "fieldApiName" : "BillingState",
    "label" : "Billing State/Province",
    "sortable" : true
  }, {
    "fieldApiName" : "Phone",
    "label" : "Phone",
    "sortable" : true
  }, {
    "fieldApiName" : "Type",
    "label" : "Type",
    "sortable" : true
  }, {
    "fieldApiName" : "Owner.Alias",
    "label" : "Account Owner Alias",
    "sortable" : true
  } ],
  "eTag" : "86d3a33eddb41d9889b38b102c915abf",
  "filterLogicString" : null,
  "filteredByInfo" : [ ],
  "id" : {
    "id" : "00BR0000000Wc0rMAC",
    "objectApiName" : "Account",
    "type" : "listView"
  },
  "label" : "All Accounts",
  "listViewApiName" : "AllAccounts",
  "orderByInfo" : [ {
    "fieldApiName" : "Name",
    "isAscending" : true,
```

```

    "label" : "Account Name"
  } ],
  "updateable" : true,
  "userPreferences" : {
    "columnWidths" : {
      "Type" : -1,
      "Owner.Alias" : -1,
      "Phone" : -1,
      "BillingState" : -1,
      "Name" : -1
    },
    "columnWrap" : {
      "Type" : false,
      "Owner.Alias" : false,
      "Phone" : false,
      "BillingState" : false,
      "Name" : false
    }
  },
  "visibility" : "Public",
  "visibilityEditable" : true
}

```

Response body for GET[List Metadata](#)

Get List View Records and Metadata

Returns record data and metadata for a list view.

Resources

```
/ui-api/list-ui/${listViewId}
```

```
/ui-api/list-ui/${objectApiName}/${listViewApiName}
```

- `listViewId`—The ID of a list view, such as `00BR0000000Wc0rMAC`.
- `objectApiName`—A [supported](#) object, such as `Account`.
- `listViewApiName`—The API name of a list view, such as `AllAccounts`.

Available version

42.0

HTTP methods

GET

Example

As an example, let's say we have a list view named All Accounts with a list view ID of `00BR0000000Wc0rMAC`. To get information about all the records and metadata for this list view, make this request.

```
/services/data/v46.0/ui-api/list-ui/00BR0000000Wc0rMAC
```

You can also use the object API name and list view API name of the list view to make the same request.

```
/services/data/v46.0/ui-api/list-ui/Account/AllAccounts
```

The request returns a list of records and the metadata for the list view.

```
{
  "eTag" : "6fea2ca99f3740c72f1667ee522980a7",
  "info" : {
    "cloneable" : true,
    "createable" : true,
    "deletable" : true,
    "displayColumns" : [ {
      "fieldApiName" : "Name",
      "label" : "Account Name",
      "sortable" : true
    }, {
      "fieldApiName" : "Site",
      "label" : "Account Site",
      "sortable" : true
    }, {
      "fieldApiName" : "BillingState",
      "label" : "Billing State/Province",
      "sortable" : true
    }, {
      "fieldApiName" : "Phone",
      "label" : "Phone",
      "sortable" : true
    }, {
      "fieldApiName" : "Type",
      "label" : "Type",
      "sortable" : true
    }, {
      "fieldApiName" : "Owner.Alias",
      "label" : "Account Owner Alias",
      "sortable" : true
    } ],
    "eTag" : "f5f522aef88a0cb38be54b9c0095fe3c",
    "filterLogicString" : null,
    "filteredByInfo" : [ ],
    "label" : "All Accounts",
    "listReference" : {
      "id" : "00BRM000002KPM42AO",
      "listViewApiName" : "AllAccounts",
      "objectApiName" : "Account",
      "type" : "listView"
    },
    "orderedByInfo" : [ {
      "fieldApiName" : "Name",
      "isAscending" : true,
      "label" : "Account Name"
    } ],
    "updateable" : true,
    "userPreferences" : {
      "columnWidths" : {
        "Site" : -1,
        "Type" : -1,
        "Owner.Alias" : -1,
        "Phone" : -1,

```

```

        "BillingState" : -1,
        "Name" : -1
    },
    "columnWrap" : {
        "Site" : false,
        "Type" : false,
        "Owner.Alias" : false,
        "Phone" : false,
        "BillingState" : false,
        "Name" : false
    }
},
"visibility" : "Public",
"visibilityEditable" : true
},
"records" : {
    "count" : 12,
    "currentPageToken" : "0",
    "currentPageUrl" :
"/services/data/v43.0/ui-api/list-records/Account/AllAccounts?pageSize=50&pageToken=0",

    "listInfoETag" : "f5f522aef88a0cb38be54b9c0095fe3c",
    "nextPageToken" : null,
    "nextPageUrl" : null,
    "previousPageToken" : null,
    "previousPageUrl" : null,
    "records" : [ {
        "apiName" : "Account",
        "childRelationships" : { },
        "eTag" : "d55bcd780f2145b724be5a563f37b9b2",
        "fields" : {
            "BillingState" : {
                "displayValue" : null,
                "value" : "NC"
            },
            "CreatedDate" : {
                "displayValue" : null,
                "value" : "2018-04-11T00:37:56.000Z"
            },
            "Id" : {
                "displayValue" : null,
                "value" : "001RM000003UNtxYAG"
            },
            "LastModifiedDate" : {
                "displayValue" : null,
                "value" : "2018-04-11T00:37:56.000Z"
            },
            "Name" : {
                "displayValue" : null,
                "value" : "Burlington Textiles Corp of America"
            },
            "Owner" : {
                "displayValue" : null,
                "value" : {

```

```

    "apiName" : "User",
    "childRelationships" : { },
    "eTag" : "671bc4877d13cd4f43d28a671636f873",
    "fields" : {
      "Alias" : {
        "displayValue" : null,
        "value" : "AUser"
      },
      "Id" : {
        "displayValue" : null,
        "value" : "005RM000001cNuJYAU"
      }
    },
    "id" : "005RM000001cNuJYAU",
    "recordTypeInfo" : null
  },
  "OwnerId" : {
    "displayValue" : null,
    "value" : "005RM000001cNuJYAU"
  },
  "Phone" : {
    "displayValue" : null,
    "value" : "(336) 222-7000"
  },
  "Site" : {
    "displayValue" : null,
    "value" : null
  },
  "SystemModstamp" : {
    "displayValue" : null,
    "value" : "2018-04-11T00:37:56.000Z"
  },
  "Type" : {
    "displayValue" : "Customer - Direct",
    "value" : "Customer - Direct"
  }
},
"id" : "001RM000003UNtxYAG",
"recordTypeInfo" : null
}, {
... Additional records removed for brevity ...
}
}
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
fields	String[]	Additional fields queried for the records returned. These fields don't create visible	Optional	42.0

Parameter Name	Type	Description	Required or Optional	Available Version
		columns. If the field is not available to the user, an error occurs.		
optionalFields	String[]	Additional fields queried for the records returned. These fields don't create visible columns. If the field is not available to the user, no error occurs and the field isn't included in the records.	Optional	42.0
pageSize	String	The number of list records viewed at one time. The default value is 50. Value can be 1–2000.	Optional	42.0
pageToken	String	A token that represents the page offset. To indicate where the page starts, use this value with the <code>pageSize</code> parameter. The maximum offset is 2000 and the default is 0.	Optional	42.0
sortBy	String	The API name of the field the list view is sorted by. If the name is preceded with "-", the sort order is descending. For example, "Name" sorts by name in ascending order. "-CreatedDate" sorts by created date in descending order.	Optional	42.0

Response body for GET[List UI](#)

Get Most Recently Used List View Records

Returns record data for an object's most recently used (MRU) list view.

Resource

```
/ui-api/mru-list-records/${objectApiName}
```

- `objectApiName`—A [supported](#) object, such as Account.

Available version

43.0

HTTP methods

GET

Example

To get information about the records in the most recently used account list views, make this request:

```
GET /services/data/v43.0/ui-api/mru-list-records/Account
```

The request returns a list of records in the most recently used account list view.

```
{
  "count" : 6,
  "currentPageToken" : "0",
  "currentPageUrl" :
"/services/data/v43.0/ui-api/mru-list-records/Account?pageSize=50&pageToken=0",
  "listInfoETag" : "c4f11fa9015eeb2387d301daeebb8b43",
  "nextPageToken" : null,
  "nextPageUrl" : null,
  "previousPageToken" : null,
  "previousPageUrl" : null,
  "records" : [ {
    "apiName" : "Account",
    "childRelationships" : { },
    "eTag" : "e4475909d999e4c05a79afcf25b74947",
    "fields" : {
      "CreatedDate" : {
        "displayValue" : null,
        "value" : "2018-04-11T00:37:56.000Z"
      },
      "Id" : {
        "displayValue" : null,
        "value" : "001RM000003UNu0YAG"
      },
      "LastModifiedDate" : {
        "displayValue" : null,
        "value" : "2018-04-11T00:37:56.000Z"
      },
      "Name" : {
        "displayValue" : null,
        "value" : "Grand Hotels & Resorts Ltd"
      },
      "Owner" : {
        "displayValue" : null,
        "value" : {
          "apiName" : "User",
          "childRelationships" : { },
          "eTag" : "671bc4877d13cd4f43d28a671636f873",
          "fields" : {
            "Alias" : {
              "displayValue" : null,
              "value" : "AUser"
            },
            "Id" : {
              "displayValue" : null,
              "value" : "005RM000001cNuJYAU"
            }
          },
          "id" : "005RM000001cNuJYAU",
          "recordTypeInfo" : null
        }
      },
      "OwnerId" : {
        "displayValue" : null,
```



```

        "value" : "005RM000001cNuJYAU"
      },
      "Phone" : {
        "displayValue" : null,
        "value" : "(312) 596-1000"
      },
      "Site" : {
        "displayValue" : null,
        "value" : null
      },
      "SystemModstamp" : {
        "displayValue" : null,
        "value" : "2018-04-11T00:37:56.000Z"
      }
    },
    "id" : "001RM000003UNu0YAG",
    "recordTypeInfo" : null
  }, {
    ... Additional records removed for brevity ...
  } ]
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
fields	String[]	Additional fields queried for the records returned. These fields don't create visible columns. If the field is not available to the user, an error occurs.	Optional	43.0
optionalFields	String[]	Additional fields queried for the records returned. These fields don't create visible columns. If the field is not available to the user, no error occurs and the field isn't included in the records.	Optional	43.0
pageSize	String	The number of list records viewed at one time. The default value is 50. Value can be 1–2000.	Optional	43.0
pageToken	String	A token that represents the page offset. To indicate where the page starts, use this value with the <code>pageSize</code> parameter. The maximum offset is 2000 and the default is 0.	Optional	43.0
sortBy	String[]	The API name of the field the list view is sorted by. If the name is preceded with "-", the sort order is descending. For example, "Name" sorts by name in ascending order.	Optional	43.0

Parameter Name	Type	Description	Required or Optional	Available Version
		"-CreateDate" sorts by created date in descending order.		

Response body for GET

[Most Recently Used List Record Collection](#)

Get Most Recently Used List View Metadata

Returns metadata for an object's most recently viewed (MRU) list view.

Resource

```
/ui-api/mru-list-info/${objectApiName}
```

- `objectApiName`—A [supported](#) object, such as Account.

Available version

43.0

HTTP methods

GET

Example

To get information about the metadata for the most recently used account list views, make this request:

```
GET /services/data/v43.0/ui-api/mru-list-info/Account
```

The request returns the metadata for the most recently used account list view.

```
{
  "cloneable" : false,
  "createable" : true,
  "deletable" : false,
  "displayColumns" : [ {
    "fieldApiName" : "Name",
    "label" : "Account Name",
    "sortable" : true
  }, {
    "fieldApiName" : "Site",
    "label" : "Account Site",
    "sortable" : true
  }, {
    "fieldApiName" : "Phone",
    "label" : "Phone",
    "sortable" : true
  }, {
    "fieldApiName" : "Owner.Alias",
    "label" : "Account Owner Alias",
    "sortable" : true
  } ],
  "eTag" : "c4f11fa9015eeb2387d301daeabb8b43",
  "filterLogicString" : null,
```

```

    "filteredByInfo" : [ ],
    "label" : "Recently Viewed",
    "listReference" : {
      "id" : null,
      "listViewApiName" : null,
      "objectApiName" : "Account",
      "type" : "mru"
    },
    "orderedByInfo" : [ ],
    "updateable" : false,
    "userPreferences" : {
      "columnWidths" : {
        "Site" : -1,
        "Owner.Alias" : -1,
        "Phone" : -1,
        "Name" : -1
      },
      "columnWrap" : {
        "Site" : false,
        "Owner.Alias" : false,
        "Phone" : false,
        "Name" : false
      }
    },
    "visibility" : "Public",
    "visibilityEditable" : false
  }
}

```

Response body for GET[Most Recently Used List Metadata](#)

Get Most Recently Used List View Records and Metadata

Returns record data and metadata for an object's most recently used (MRU) list view.

Resource

```
/ui-api/mru-list-ui/${objectApiName}
```

- `objectApiName`—A [supported](#) object, such as Account.

Available version

43.0

HTTP methods

GET

Example

To get information about the record data and metadata for the most recently used account list views, make this request.

```
GET /services/data/v43.0/ui-api/mru-list-ui/Account
```

The request returns the record data and metadata for the most recently used account list view.

```

{
  "eTag" : "70eb4acb889c6dc5954f2e4ad25f428c",

```

```

"info" : {
  "cloneable" : false,
  "createable" : true,
  "deletable" : false,
  "displayColumns" : [ {
    "fieldApiName" : "Name",
    "label" : "Account Name",
    "sortable" : true
  }, {
    "fieldApiName" : "Site",
    "label" : "Account Site",
    "sortable" : true
  }, {
    "fieldApiName" : "Phone",
    "label" : "Phone",
    "sortable" : true
  }, {
    "fieldApiName" : "Owner.Alias",
    "label" : "Account Owner Alias",
    "sortable" : true
  } ],
  "eTag" : "c4f11fa9015eeb2387d301daeabb8b43",
  "filterLogicString" : null,
  "filteredByInfo" : [ ],
  "label" : "Recently Viewed",
  "listReference" : {
    "id" : null,
    "listViewApiName" : null,
    "objectApiName" : "Account",
    "type" : "mru"
  },
  "orderByInfo" : [ ],
  "updateable" : false,
  "userPreferences" : {
    "columnWidths" : {
      "Site" : -1,
      "Owner.Alias" : -1,
      "Phone" : -1,
      "Name" : -1
    },
    "columnWrap" : {
      "Site" : false,
      "Owner.Alias" : false,
      "Phone" : false,
      "Name" : false
    }
  },
  "visibility" : "Public",
  "visibilityEditable" : false
},
"records" : {
  "count" : 6,
  "currentPageToken" : "0",
  "currentPageUrl" :

```

```

"/services/data/v43.0/ui-api/mru-list-records/Account?pageSize=50&pageToken=0",
  "listInfoETag" : "c4f11fa9015eeb2387d301daeebb8b43",
  "nextPageToken" : null,
  "nextPageUrl" : null,
  "previousPageToken" : null,
  "previousPageUrl" : null,
  "records" : [ {
    "apiName" : "Account",
    "childRelationships" : { },
    "eTag" : "e4475909d999e4c05a79afcf25b74947",
    "fields" : {
      "CreatedDate" : {
        "displayValue" : null,
        "value" : "2018-04-11T00:37:56.000Z"
      },
      "Id" : {
        "displayValue" : null,
        "value" : "001RM000003UNu0YAG"
      },
      "LastModifiedDate" : {
        "displayValue" : null,
        "value" : "2018-04-11T00:37:56.000Z"
      },
      "Name" : {
        "displayValue" : null,
        "value" : "Grand Hotels & Resorts Ltd"
      },
      "Owner" : {
        "displayValue" : null,
        "value" : {
          "apiName" : "User",
          "childRelationships" : { },
          "eTag" : "671bc4877d13cd4f43d28a671636f873",
          "fields" : {
            "Alias" : {
              "displayValue" : null,
              "value" : "AUser"
            },
            "Id" : {
              "displayValue" : null,
              "value" : "005RM000001cNuJYAU"
            }
          },
          "id" : "005RM000001cNuJYAU",
          "recordTypeInfo" : null
        }
      },
      "OwnerId" : {
        "displayValue" : null,
        "value" : "005RM000001cNuJYAU"
      },
      "Phone" : {
        "displayValue" : null,
        "value" : "(312) 596-1000"
      }
    }
  } ]

```

```

    },
    "Site" : {
      "displayValue" : null,
      "value" : null
    },
    "SystemModstamp" : {
      "displayValue" : null,
      "value" : "2018-04-11T00:37:56.000Z"
    }
  },
  "id" : "001RM000003UNu0YAG",
  "recordTypeInfo" : null
}, {
... Additional records removed for brevity ...
} ]
}
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
fields	String[]	Additional fields queried for the records returned. These fields don't create visible columns. If the field is not available to the user, an error occurs.	Optional	43.0
optionalFields	String[]	Additional fields queried for the records returned. These fields don't create visible columns. If the field is not available to the user, no error occurs and the field isn't included in the records.	Optional	43.0
pageSize	String	The number of list records viewed at one time. The default value is 50. Value can be 1–2000.	Optional	43.0
pageToken	String	A token that represents the page offset. To indicate where the page starts, use this value with the <code>pageSize</code> parameter. The maximum offset is 2000 and the default is 0.	Optional	43.0
sortBy	String[]	The API name of the field the list view is sorted by. If the name is preceded with "-", the sort order is descending. For example, "Name" sorts by name in ascending order. "-CreatedDate" sorts by created date in descending order.	Optional	43.0

Response body for GET[Most Recently Used List UI](#)

Apps

Use these resources to get data and metadata about apps displayed in the Salesforce UI.

[Get Apps](#)

Get metadata for all the apps a user has access to. Metadata for the selected app includes tabs on the app's navigation bar. Metadata for other apps doesn't include tabs on the navigation bar.

[Get an App](#)

Get metadata about an app.

[Update Last Selected App](#)

Returns metadata for an app, and saves an app as the last selected for a user.

[Get Last Selected App](#)

Retrieves the app the current user last selected or the app the user sees by default.

[Get Personalized Navigation Items](#)

Get a user's personalized navigation items (tabs).

[Get All Navigation Items](#)

Gets all navigation items (tabs) that the user has access to.

Get Apps

Get metadata for all the apps a user has access to. Metadata for the selected app includes tabs on the app's navigation bar. Metadata for other apps doesn't include tabs on the navigation bar.

Resource

```
/ui-api/apps
```

Available Version

43.0

HTTP Method

GET

Example

As an example, let's say that the user has access to three apps: Service, Marketing, and Bolt Solutions. To get metadata for all the apps, make this request:

```
GET /services/data/v46.0/ui-api/apps?formFactor=Large
```

The request returns metadata for the apps and their associated navigation tabs.

```
{
  "apps" : [ {
    "appId" : "06mRM000000AFIrYAO",
    "description" : "Manage customer service with accounts, contacts, cases, and more",
```

```

    "developerName" : "Service",
    "formFactors" : [ "Large" ],
    "headerColor" : "#0070D2",
    "iconUrl" :
"https://yourInstance.salesforce.com/logos/Salesforce/ServiceCloud/icon.png",
    "isNavAutoTempTabsDisabled" : false,
    "isNavPersonalizationDisabled" : false,
    "label" : "Service",
    "logoUrl" :
"https://yourInstance.salesforce.com/logos/Salesforce/ServiceCloud/logo.png",
    "mobileStartUrl" : null,
    "navItems" : [ {
      "availableInClassic" : true,
      "availableInLightning" : true,
      "color" : "EF7EAD",
      "content" : "home__desktopDefault",
      "custom" : false,
      "developerName" : "standard-home",
      "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/standard/home_120.png",
      "id" : null,
      "itemType" : "Standard",
      "label" : "Home",
      "objectApiName" : "Home",
      "pageReference" : {
        "attributes" : {
          "pageName" : "home"
        },
        "state" : { },
        "type" : "standard__namedPage"
      },
      "standardType" : "Home"
    }, {
      "availableInClassic" : false,
      "availableInLightning" : true,
      "color" : "489DD0",
      "content" : null,
      "custom" : false,
      "developerName" : "standard-Feed",
      "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/standard/feed_120.png",
      "id" : null,
      "itemType" : "Standard",
      "label" : "Chatter",
      "objectApiName" : "Feed",
      "pageReference" : {
        "attributes" : {
          "pageName" : "chatter"
        },
        "state" : { },
        "type" : "standard__namedPage"
      },
      "standardType" : "Feed"
    } ],
  } ],

```



```

        "selected" : true,
        "startUrl" :
"https://yourInstance.salesforce.com/home/home.jsp?tsid=02uRM000000AFIr",
        "uiType" : "Classic",
        "userNavItems" : [ ]
    },
    ... Additional actions removed for brevity ...
    {
        "appId" : "06mRM000000AFIqYAO",
        "description" : "Best-in-class on-demand marketing automation",
        "developerName" : "Marketing",
        "formFactors" : [ "Large" ],
        "headerColor" : "#0070D2",
        "iconUrl" :
"https://yourInstance.salesforce.com/logos/Salesforce/MarketingCloud/icon.png",
        "isNavAutoTempTabsDisabled" : false,
        "isNavPersonalizationDisabled" : false,
        "label" : "Marketing",
        "logoUrl" :
"https://yourInstance.salesforce.com/logos/Salesforce/MarketingCloud/logo.png",
        "mobileStartUrl" : null,
        "navItems" : [ ],
        "selected" : false,
        "startUrl" :
"https://yourInstance.salesforce.com/home/home.jsp?tsid=02uRM000000AFIq",
        "uiType" : "Classic",
        "userNavItems" : [ ]
    }, {
        "appId" : "06mRM0000005NZWYA2",
        "description" : "Discover and manage business solutions designed for your industry.",

        "developerName" : "LightningBolt",
        "formFactors" : [ "Large" ],
        "headerColor" : "#0070D2",
        "iconUrl" :
"https://yourInstance.salesforce.com/logos/Salesforce/LightningBolt/icon.png",
        "isNavAutoTempTabsDisabled" : false,
        "isNavPersonalizationDisabled" : false,
        "label" : "Bolt Solutions",
        "logoUrl" :
"https://yourInstance.salesforce.com/logos/Salesforce/LightningBolt/logo.png",
        "mobileStartUrl" : null,
        "navItems" : [ ],
        "selected" : false,
        "startUrl" :
"https://yourInstance.salesforce.com/home/home.jsp?tsid=02uRM0000005NZW",
        "uiType" : "Lightning",
        "userNavItems" : [ ]
    } ]
}

```

Request Parameters

Parameter Name	Type	Description	Required or Optional	Available Version
<code>formFactor</code>	String	The form factor for each app that the user has access to. <ul style="list-style-type: none">• <code>Large</code>—App supports the desktop display size.• <code>Medium</code>—App supports the tablet display size.• <code>Small</code>—App supports the phone display size.	Required	43.0
<code>userCustomizations</code>	Boolean	If <code>true</code> , gets custom and standard navigation tabs. If <code>false</code> , gets only standard navigation tabs.	Optional	43.0

Response body for GET[Apps](#)

SEE ALSO:

[App](#)[Apps](#)[Manage Apps](#)

Get an App

Get metadata about an app.

Resource

```
/ui-api/apps/${appId}
```

Available version

43.0

HTTP methods

GET

Example

As an example, let's say that the user has an app with an ID of `06mRM000000AFIrYAO`. To get metadata for this app, make this request:

```
GET /services/data/v43.0/ui-api/apps/06mRM000000AFIrYAO?formFactor=Large
```

The request returns metadata for the app and its associated navigation tabs.

```
{
  "appId": "06mRM000000AFIrYAO",
```

```

"description": "Manage customer service with accounts, contacts, cases, and more",
"developerName": "Service",
"formFactors": ["Large"],
"headerColor": "#0070D2",
"iconUrl": "https://yourInstance.salesforce.com/logos/Salesforce/ServiceCloud/icon.png",

"isNavAutoTempTabsDisabled" : false,
"isNavPersonalizationDisabled" : false,
"label": "Service",
"logoUrl": "https://yourInstance.salesforce.com/logos/Salesforce/ServiceCloud/logo.png",

"mobileStartUrl": null,
"navItems": [{
  "availableInClassic": true,
  "availableInLightning": true,
  "color": "EF7EAD",
  "content": "home__desktopDefault",
  "custom": false,
  "developerName": "standard-home",
  "iconUrl": "https://yourInstance.salesforce.com/img/icon/t4v35/standard/home_120.png",

  "id": null,
  "itemType": "Standard",
  "label": "Home",
  "objectApiName": "Home",
  "pageReference": {
    "attributes": {
      "pageName": "home"
    },
    "state": {},
    "type": "standard__namedPage"
  },
  "standardType": "Home"
}, {
  "availableInClassic": false,
  "availableInLightning": true,
  "color": "489DD0",
  "content": null,
  "custom": false,
  "developerName": "standard-Feed",
  "iconUrl": "https://yourInstance.salesforce.com/img/icon/t4v35/standard/feed_120.png",

  "id": null,
  "itemType": "Standard",
  "label": "Chatter",
  "objectApiName": "Feed",
  "pageReference": {
    "attributes": {
      "pageName": "chatter"
    },
    "state": {},
    "type": "standard__namedPage"
  },
  "standardType": "Feed"
}

```

```

  }],
  "selected": true,
  "startUrl": "https://yourInstance.salesforce.com/home/home.jsp?tsid=02uRM000000AFIr",
  "uiType": "Classic",
  "userNavItems": []
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
formFactor	String	<p>The form factor for each app that the user has access to.</p> <ul style="list-style-type: none"> • Large—App supports the desktop display size. • Medium—App supports the tablet display size. • Small—App supports the phone display size. 	Required	43.0
userCustomizations	Boolean	If true , gets custom and standard navigation tabs. If false , gets only standard navigation tabs.	Optional	43.0

Response body for GET

[App](#)

Update Last Selected App

Returns metadata for an app, and saves an app as the last selected for a user.

Resource

```
/ui-api/apps/${appId}
```

Available version

43.0

HTTP methods

PATCH

Example

As an example, let's say that the user has an app with an ID of `06mRM000000AFIrYAO`. To get metadata for this app, make this request:

```
PATCH /services/data/v43.0/ui-api/apps/06mRM000000AFIrYAO?formFactor=Large
```

The PATCH request doesn't require a request body. The request returns metadata for the app and its associated navigation tabs. It also updates the last selected app to be this app.

```
{
  "appId": "06mRM000000AFIrYAO",
  "description": "Manage customer service with accounts, contacts, cases, and more",
  "developerName": "Service",
  "formFactors": ["Large"],
  "headerColor": "#0070D2",
  "iconUrl": "https://yourInstance.salesforce.com/logos/Salesforce/ServiceCloud/icon.png",

  "isNavAutoTempTabsDisabled" : false,
  "isNavPersonalizationDisabled" : false,
  "label": "Service",
  "logoUrl": "https://yourInstance.salesforce.com/logos/Salesforce/ServiceCloud/logo.png",

  "mobileStartUrl": null,
  "navItems": [{
    "availableInClassic": true,
    "availableInLightning": true,
    "color": "EF7EAD",
    "content": "home__desktopDefault",
    "custom": false,
    "developerName": "standard-home",
    "iconUrl": "https://yourInstance.salesforce.com/img/icon/t4v35/standard/home_120.png",

    "id": null,
    "itemType": "Standard",
    "label": "Home",
    "objectApiName": "Home",
    "pageReference": {
      "attributes": {
        "pageName": "home"
      },
      "state": {},
      "type": "standard__namedPage"
    },
    "standardType": "Home"
  }, {
    "availableInClassic": false,
    "availableInLightning": true,
    "color": "489DD0",
    "content": null,
    "custom": false,
    "developerName": "standard-Feed",
    "iconUrl": "https://yourInstance.salesforce.com/img/icon/t4v35/standard/feed_120.png",

    "id": null,
    "itemType": "Standard",
    "label": "Chatter",
    "objectApiName": "Feed",
    "pageReference": {
      "attributes": {
        "pageName": "chatter"
      },

```

```

    "state": {},
    "type": "standard__namedPage"
  },
  "standardType": "Feed"
}],
"selected": true,
"startUrl": "https://yourInstance.salesforce.com/home/home.jsp?tsid=02uRM000000AFIr",
"uiType": "Classic",
"userNavItems": []
}

```

Request parameters for PATCH

Parameter Name	Type	Description	Required or Optional	Available Version
formFactor	String	<p>The form factor for each app that the user has access to.</p> <ul style="list-style-type: none"> • Large—App supports the desktop display size. • Medium—App supports the tablet display size. • Small—App supports the phone display size. 	Required	43.0

Response body for PATCH

[App](#)

Get Last Selected App

Retrieves the app the current user last selected or the app the user sees by default.

Resource

```
/ui-api/apps/selected
```

Available version

43.0

HTTP methods

GET

Example

To get metadata for the last selected app, make this request:

```
GET /services/data/v43.0/ui-api/apps/selected?formFactor=Large
```

The request returns metadata for the app and its associated navigation items.

```

{
  "appId": "06mRM000000AFIrYAO",
  "description": "Manage customer service with accounts, contacts, cases, and more",

```

```

"developerName": "Service",
"formFactors": ["Large"],
"headerColor": "#0070D2",
"iconUrl": "https://yourInstance.salesforce.com/logos/Salesforce/ServiceCloud/icon.png",

"isNavAutoTempTabsDisabled" : false,
"isNavPersonalizationDisabled" : false,
"label": "Service",
"logoUrl": "https://yourInstance.salesforce.com/logos/Salesforce/ServiceCloud/logo.png",

"mobileStartUrl": null,
"navItems": [{
  "availableInClassic": true,
  "availableInLightning": true,
  "color": "EF7EAD",
  "content": "home__desktopDefault",
  "custom": false,
  "developerName": "standard-home",
  "iconUrl": "https://yourInstance.salesforce.com/img/icon/t4v35/standard/home_120.png",

  "id": null,
  "itemType": "Standard",
  "label": "Home",
  "objectApiName": "Home",
  "pageReference": {
    "attributes": {
      "pageName": "home"
    },
    "state": {},
    "type": "standard__namedPage"
  },
  "standardType": "Home"
}, {
  "availableInClassic": false,
  "availableInLightning": true,
  "color": "489DD0",
  "content": null,
  "custom": false,
  "developerName": "standard-Feed",
  "iconUrl": "https://yourInstance.salesforce.com/img/icon/t4v35/standard/feed_120.png",

  "id": null,
  "itemType": "Standard",
  "label": "Chatter",
  "objectApiName": "Feed",
  "pageReference": {
    "attributes": {
      "pageName": "chatter"
    },
    "state": {},
    "type": "standard__namedPage"
  },
  "standardType": "Feed"
}],

```

```

"selected": true,
"startUrl": "https://yourInstance.salesforce.com/home/home.jsp?tsid=02uRM000000AFIr",
"uiType": "Classic",
"userNavItems": []
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
formFactor	String	The form factor for each app that the user has access to. <ul style="list-style-type: none"> Large—App supports the desktop display size. Medium—App supports the tablet display size. Small—App supports the phone display size. 	Required	43.0
userCustomizations	Boolean	If true , gets custom and standard navigation tabs. If false , gets only standard navigation tabs.	Optional	43.0

Response body for GET

[App](#)

Get Personalized Navigation Items

Get a user's personalized navigation items (tabs).

Resource

```
/ui-api/apps/${appId}/user-nav-items
```

Available version

43.0

HTTP methods

GET

Example

To get a user's personalized navigation tabs for an app, make this request using the app ID:

```
GET /services/data/v43.0/ui-api/apps/06mRM000000AFIrYAO/user-nav-items
```

The request returns metadata for the personalized navigation tabs associated with this app.

```

{
  "navItems" : [ {
    "availableInClassic" : true,
    "availableInLightning" : true,

```



```

    "color" : "50E3C2",
    "content" : "https://yourInstance.salesforce.com/OWO/o",
    "custom" : false,
    "developerName" : "standard-WorkOrder",
    "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/standard/work_order_120.png",
    "id" : "0QkR000000004CvtKAE",
    "itemType" : "Entity",
    "label" : "Work Orders",
    "objectApiName" : "WorkOrder",
    "pageReference" : {
      "attributes" : {
        "objectApiName" : "WorkOrder",
        "actionName" : "home"
      },
      "state" : { },
      "type" : "standard__objectPage"
    },
    "standardType" : null
  }, {
    "availableInClassic" : true,
    "availableInLightning" : true,
    "color" : "83B6FF",
    "content" :
"https://yourInstance.salesforce.com/_ui/core/chatter/groups/GroupListPage",
    "custom" : false,
    "developerName" : "standard-CollaborationGroup",
    "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/standard/groups_120.png",
    "id" : "0QkR000000002R3KAI",
    "itemType" : "Standard",
    "label" : "Groups",
    "objectApiName" : "CollaborationGroup",
    "pageReference" : {
      "attributes" : {
        "objectApiName" : "CollaborationGroup",
        "actionName" : "home"
      },
      "state" : { },
      "type" : "standard__objectPage"
    },
    "standardType" : "Groups"
  }, {
    "availableInClassic" : true,
    "availableInLightning" : true,
    "color" : "2ECBBE",
    "content" : "https://yourInstance.salesforce.com/000/o",
    "custom" : false,
    "developerName" : "standard-report",
    "iconUrl" :
"https://yourInstance.salesforce.com/img/icon/t4v35/standard/report_120.png",
    "id" : "0QkR000000007UxKAI",
    "itemType" : "Standard",
    "label" : "Reports",

```

```

    "objectApiName" : "Report",
    "pageReference" : {
      "attributes" : {
        "objectApiName" : "Report",
        "actionName" : "home"
      },
      "state" : { },
      "type" : "standard__objectPage"
    },
    "standardType" : "Reports"
  } ]
}

```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
formFactor	String	<p>The form factor for each app that the user has access to.</p> <ul style="list-style-type: none"> • Large—App supports the desktop display size. • Medium—App supports the tablet display size. • Small—App supports the phone display size. 	Optional	43.0

Response body for GET

[Navigation Items](#)

Get All Navigation Items

Gets all navigation items (tabs) that the user has access to.

Resource

```
/ui-api/nav-items
```

Available version

45.0

HTTP methods

GET

Example

To get all navigation tabs for an app, make this request:

```
GET /services/data/v46.0/ui-api/nav-items??page=3&pageSize=2
```

The request returns metadata for all navigation tabs associated with this app.

```
{
  "currentPageUrl": "/services/data/v46.0/ui-api/nav-items?page=3&pageSize=2"
  "navItems": [{
    "availableInClassic": true,
    "availableInLightning": true,
    "color": "EF7EAD",
    "content": "home__desktopDefault",
    "custom": false,
    "developerName": "standard-home",
    "iconUrl":
"https://yourInstance.salesforce.com/img/icon/t4v35/standard/home_120.png",
    "id": null,
    "itemType": "Standard",
    "label": "Home",
    "objectApiName": "Home",
    "pageReference": {
      "attributes": {
        "pageName": "home"
      },
      "state": {},
      "type": "standard__namedPage"
    },
    "standardType": "Home"
  }, {
    "availableInClassic": false,
    "availableInLightning": true,
    "color": "489DD0",
    "content": null,
    "custom": false,
    "developerName": "standard-Feed",
    "iconUrl":
"https://yourInstance.salesforce.com/img/icon/t4v35/standard/feed_120.png",
    "id": null,
    "itemType": "Standard",
    "label": "Chatter",
    "objectApiName": "Feed",
    "pageReference": {
      "attributes": {
        "pageName": "chatter"
      },
      "state": {},
      "type": "standard__namedPage"
    },
    "standardType": "Feed"
  }],
  "nextPageUrl": "/services/data/v46.0/ui-api/nav-items?page=4&pageSize=2"
}
```

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
<code>formFactor</code>	String	The form factor for each navigation tab that the user has access to. <ul style="list-style-type: none"> <code>Large</code>—Navigation tab supports the desktop display size. <code>Medium</code>—Navigation tab supports the tablet display size. <code>Small</code>—Navigation tab supports the phone display size. 	Optional	45.0
<code>pageSize</code>	Int	The maximum number of child records to return on a page. The default value is 25.	Optional	45.0
<code>page</code>	Int	The page offset from which to begin returning records. The default value is 0, which returns records from the first page. For example, for <code>page=2</code> and <code>pageSize=10</code> , the first record returned is the 21st record in the list.	Optional	45.0

Response body for GET[Navigation Items](#)

Get Active Theme

Get a Salesforce org's active theme. A theme uses colors, images, and banners to change the overall appearance of Salesforce. Administrators can define themes and switch themes to provide a different look. The User Interface API response matches the Admin's selection.

Resources`/ui-api/themes/active`**Available Version**

42.0

HTTP Methods

GET

Response Body[Theme](#)

CHAPTER 4 User Interface API Request Bodies

The successful execution of a request to a resource can return a response body in JSON format.

A request to a resource always returns an [HTTP response code](#), whether the request was successful or not.

[Favorite Batch Collection Input](#)

A collection of all the favorites in a batch. Pass this request body to update a batch of favorites.

[Favorite Batch Input](#)

Represents a single favorite when updating favorites in batch.

[Favorite Input](#)

A favorite to create or update.

[Record Input](#)

A description of a record to use in a request to create or update a record.

Favorite Batch Collection Input

A collection of all the favorites in a batch. Pass this request body to update a batch of favorites.

JSON example

```
{
  favorites: [
    {
      id: "0MVR00000004DhnOAE",
      name: "Q4 Perf"
    }, {
      id: "0MVR00000004DhsOAE"
    }, {
      id: "0MVR00000004DiGOAU"
    }, {
      id: "0MVR000000001e2OAA",
      name: "Office Group"
    }, {
      id: "0MVR00000004GG1OAM"
    }
  ]
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
favorites	Favorite Batch Input []	The list of favorites to keep and update.	Required	41.0

SEE ALSO:

[Update a Batch of Favorites](#)

Favorite Batch Input

Represents a single favorite when updating favorites in batch.

JSON example

```
{
  favorites: [
    {
      id: "0MVR00000004DhnOAE",
      name: "Q4 Perf"
    }, {
      id: "0MVR00000004DhsOAE"
    }, {
      id: "0MVR00000004DiGOAU"
    }, {
      id: "0MVR000000001e2OAA",
      name: "Office Group"
    }, {
      id: "0MVR00000004GG1OAM"
    }
  ]
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
id	String	The ID of the favorite.	Required	41.0
name	String	The name of the favorite.	Required	41.0

SEE ALSO:

[Update a Batch of Favorites](#)

Favorite Input

A favorite to create or update.

JSON example

```
{
  name: "Most Important Accounts",
  sortOrder: 1
  target: "00BR0000000tTTwMAM",
  targetType: "ListView"
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
name	String	The name of the favorite.	You must specify either name or sortOrder. You may specify both.	41.0
sortOrder	Integer	The sort order of the favorite, from 1 to N.	You must specify either name or sortOrder. You may specify both.	41.0
target	String	The record, API name, or content being favorited.	Required in a POST request. Do not specify in a PATCH request.	41.0
targetType	String	The type of favorite. One of these values: <ul style="list-style-type: none">• <code>ListView</code>—A favorited list view.• <code>ObjectHome</code>—A favorited object home.• <code>Record</code>—A favorited record.• <code>Tab</code>—A favorited tab.	Required in a POST request. Do not specify in a PATCH request.	41.0

SEE ALSO:

- [Create a Favorite](#)
- [Get Favorites](#)
- [Update a Favorite](#)
- [Update Usage of a Favorite](#)

Record Input

A description of a record to use in a request to create or update a record.

Example

```
POST /ui-api/records
```

```
{
  "apiName": "Account",
  "fields": {
    "Name": "Universal Containers"
  }
}
```

To provide an address, provide the individual fields as separate inputs. The compound field is only available in the response.

```
{
  "apiName": "Account",
  "fields" : {
    "Name": "Local Boxes",
    "BillingState": "WA",
    "BillingStreet" : "123 Main Street",
    "BillingCountry" : "USA"
  }
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
allowSaveOnDuplicate	Boolean	Specifies whether to save a duplicate record (<code>true</code>), or not (<code>false</code>). The default value is <code>false</code> .	Optional	43.0
apiName	String	To create a record, specify the API name of an Object from which to create the record. To update a record, use <code>null</code> or don't pass this property.	Required	41.0

Name	Type	Description	Required or Optional	Available Version
fields	Map<String, Object>	<p>Map of field names to field values.</p> <p>Format data types according to these rules:</p> <ul style="list-style-type: none"> • Address—JSON String • Base64—JSON String • Boolean—JSON Boolean, true or false • Currency—JSON Float • Date—JSON string in correct format • DateTime—JSON string in ISO 8601 format • Double—JSON Float • Email—JSON String • EncryptedString—JSON String • Int—JSON Number • Location—JSON String • MultiPicklist—JSON String • Percent—JSON Float • Phone—JSON String • Picklist—JSON String • Reference—JSON String. • String—JSON String • TextArea—JSON String • Time—JSON String in format HH:MM:SS • Url—JSON String <p>To specify the master record type, either don't specify the <code>recordTypeId</code> field, or set it to <code>null</code>.</p>	Required	41.0

SEE ALSO:

[Create a Record](#)[Update a Record](#)

CHAPTER 5 User Interface API Response Bodies

A request to a resource returns a response body. Some response bodies also contain nested response bodies.

A request to a resource always returns an [HTTP response code](#), whether the request was successful or not.

[User Interface API Top-Level Response Bodies](#)

These response bodies are returned from requests to User Interface API resources. They may contain nested response bodies.

[User Interface API Nested Response Bodies](#)

These response bodies are nested in top-level response bodies.

User Interface API Top-Level Response Bodies

These response bodies are returned from requests to User Interface API resources. They may contain nested response bodies.

A request to a resource always returns an [HTTP response code](#), whether the request was successful or not.

[Action](#)

The actions for a single record or a collection of records.

[App](#)

The metadata for a single app.

[Apps](#)

A list of apps that the current user has access to.

[Batch Results](#)

The results from a request to a batch resource. Results include information for each subrequest in the batch.

[Favorite](#)

A single favorite.

[Favorite Collection](#)

A list of favorites.

[List Metadata](#)

Metadata that describes a list view.

[List Record Collection](#)

A collection of list view records.

[List UI](#)

The record data and metadata for a list view.

[List View Summary Collection](#)

A collection of list views for a given object.

[Lookup Values](#)

Records in a lookup relationship, organized by object type.

[Most Recently Used List Metadata](#)

Metadata that describes a most recently used (MRU) list view.

[Most Recently Used List Record Collection](#)

A collection of an object's most recently used list view records.

[Most Recently Used List UI](#)

The record data and metadata for an object's most recently used (MRU) list view.

[Navigation Items](#)

An ordered list of navigation items (tabs) for the current user.

[Object Info](#)

The metadata for an object.

[Object Info Directory](#)

A directory of objects that are supported by User Interface API and available to the context user.

[Picklist Values](#)

The picklist values for a field, scoped to a record type. If a picklist is dependent, this response includes the values of its immediate controlling field and how they map to the picklist.

[Picklist Values Collection](#)

A collection of picklist values for all the picklists of a specified record type.

[Record](#)

The field data, API name, child relationship data, and record type information for a record.

[Record Collection](#)

A paginated collection of Record response bodies.

[Record Defaults](#)

The default information and data needed to create or clone a record. Use these values in a request to `POST /ui-api/records`.

[Record Layout](#)

The layout information for a record.

[Record UI](#)

The layout information, field information, and data for a record.

[Theme](#)

A set of images and banners that make up a theme. Banners display across the top of a page and have a higher aspect ratio than images.

SEE ALSO:

[User Interface API Nested Response Bodies](#)

Action

The actions for a single record or a collection of records.


Property Name	Type	Description	Filter Group and Version	Available Version
actions	Map<String, Object Action >	A map of record IDs to the actions for each record.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
url	String	The URL of the current request.	Big, 41.0	41.0

App

The metadata for a single app.

Property Name	Type	Description	Filter Group and Version	Available Version
appId	String	The unique ID of the app.	Small, 43.0	43.0
description	String	A description of the app.	Small, 43.0	43.0
developerName	String	The API name of the app.	Small, 43.0	43.0
formFactors	String	The form factor for each app that the user has access to. <ul style="list-style-type: none"> • <code>Large</code>—App supports the desktop display size. • <code>Medium</code>—App supports the tablet display size. • <code>Small</code>—App supports the phone display size. 	Medium, 43.0	43.0
headerColor	String	The primary color for the app as selected by an admin. For example, #0070D2.	Small, 43.0	43.0
iconUrl	String	The URL for the app's icon.	Small, 43.0	43.0
isNavAutoTempTabsDisabled	Boolean	If <code>true</code> , the navigation automatically creates temporary tabs settings.	Small, 43.0	43.0
isNavPersonalizationDisabled	Boolean	If <code>true</code> , navigation personalization is disabled.	Small, 43.0	43.0
label	String	The label of the app.	Small, 43.0	43.0
logoUrl	String	The logo URL of the app as selected by the admin.	Medium, 43.0	43.0
mobileStartUrl	String	The mobile launch URL for the app. This field is used with connected apps and Lightning communities. For communities only, this location is a fully qualified domain name. For other apps, it's a relative URL.	Medium, 43.0	43.0

Property Name	Type	Description	Filter Group and Version	Available Version
navItems	Navigation Item []	The metadata for the navigation tabs of the app.  Note: Only <code>navItems</code> with supported <code>formFactors</code> values are returned.	Big, 43.0	43.0
selected	Boolean	If <code>true</code> , this app is the default app for the user.	Big, 43.0	43.0
startUrl	String	The launch URL of the app.	Medium, 43.0	43.0
uiType	String	The UI type for the app. One of these values: <ul style="list-style-type: none"> • <code>Salesforce Classic</code> • <code>Lightning Experience</code> 	Small, 43.0	43.0
userNavItems	Navigation Item []	The user's navigation tabs for the app.	Big, 43.0	43.0

SEE ALSO:

[Apps](#)[Get an App](#)[Get Last Selected App](#)[Manage Apps](#)

Apps

A list of apps that the current user has access to.

Property Name	Type	Description	Filter Group and Version	Available Version
apps	App []	Metadata for an app.	Small, 43.0	43.0

SEE ALSO:

[Get Apps](#)[App](#)[Manage Apps](#)

Batch Results

The results from a request to a batch resource. Results include information for each subrequest in the batch.

Property	Type	Description	Filter Group and Version	Available Version
<code>hasErrors</code>	Boolean	<code>true</code> if at least one of the results in the result set is an HTTP status code in the 400 or 500 range; <code>false</code> otherwise	Small, 41.0	41.0
<code>results</code>	Batch Result Item []	Collection of batch result items	Small, 41.0	41.0

SEE ALSO:

[Get a Batch of Records](#)

Favorite

A single favorite.

Property Name	Type	Description	Filter Group and Version	Available Version
<code>accessCount</code>	Integer	The number of times this favorite has been used.	Big, 41.0	41.0
<code>iconColor</code>	String	The color of the icon for this favorite, usually the related object's color.	Big, 41.0	41.0
<code>iconUrl</code>	String	The URL of the icon for the favorite, usually the related object's icon.	Big, 41.0	41.0
<code>id</code>	String	The ID of the favorite.	Small, 41.0	41.0
<code>lastAccessDate</code>	String	The last time this favorite was used. The value is in ISO 8061 date and time format.	Big, 41.0	41.0
<code>name</code>	String	The name of the favorite.	Small, 41.0	41.0
<code>objectType</code>	String	The developer name of the entity associated with this favorite, if any.	Medium, 41.0	41.0
<code>sortOrder</code>	Integer	The sort order of the favorite, from 1 to N.	Small, 41.0	41.0
<code>subtitle</code>	String	The subtitle of the favorite, usually the object's label. Provides additional information about the type of record or content being favorited.	Medium, 41.0	41.0
<code>target</code>	String	The record, API name, or content being favorited.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
targetType	String	The type of record or content being favorited. One of these values: <ul style="list-style-type: none">• <code>ListView</code>—A favorited list view.• <code>ObjectHome</code>—A favorited object home.• <code>Record</code>—A favorited record.• <code>Tab</code>—A favorited tab.	Small, 41.0	41.0

SEE ALSO:

[Create a Favorite](#)

[Get Favorites](#)

[Update a Favorite](#)

[Update Usage of a Favorite](#)

Favorite Collection

A list of favorites.

Property Name	Type	Description	Filter Group and Version	Available Version
favorites	Favorite[]	A list of favorites.	Small, 41.0	41.0

SEE ALSO:

[Update a Batch of Favorites](#)

List Metadata

Metadata that describes a list view.

Property Name	Type	Description	Filter Group and Version	Available Version
cloneable	Boolean	Indicates whether the list view can be cloned.	Small, 42.0	42.0
createable	Boolean	Indicates whether a new list view for this list view's object can be created.	Small, 42.0	42.0
deletable	Boolean	Indicates whether the list view can be deleted.	Small, 42.0	42.0

Property Name	Type	Description	Filter Group and Version	Available Version
listViewApiName	String	The list view's API name. For example, <code>AllAccounts</code> .	Small, 42.0	42.0
displayColumns	List Column []	All display columns for this list view.	Small, 42.0	42.0
filterLogicString	String	The filter logic string, such as "(1 OR 2) and 3". Indexes start with 1.	Small, 42.0	42.0
filteredByInfo	List Filter by Info []	Filtering information for the list view.	Small, 42.0	42.0
id	List View ID	Identity information for the list view.	Small, 42.0	42.0
label	String	The list view's display label. For example, "All Accounts".	Small, 42.0	42.0
orderByInfo	List Order by Info []	Ordering information for the list view.	Small, 42.0	42.0
updateable	Boolean	Indicates whether the list view can be updated.	Small, 42.0	42.0
userPreferences	List User Preference	User preferences for this list view.	Small, 42.0	42.0
visibility	String	The list view's visibility. One of these values: <ul style="list-style-type: none"> • <code>Private</code> • <code>Public</code> • <code>Shared</code> 	Small, 42.0	42.0
visibilityEditable	Boolean	Indicates whether the visibility of the list view can be edited.	Small, 42.0	42.0

List Record Collection

A collection of list view records.

Property Name	Type	Description	Filter Group and Version	Available Version
listInfoETag	String	An ETag that indicates whether the metadata has changed.	Small, 42.0	42.0
records	Record Collection	Collection of records for the list.	Small, 42.0	42.0

List UI

The record data and metadata for a list view.

Property Name	Type	Description	Filter Group and Version	Available Version
metadata	List Metadata	The metadata for the list view.	Small, 42.0	42.0
records	List Record Collection	The record data for the list view.	Small, 42.0	42.0

List View Summary Collection

A collection of list views for a given object.

Property Name	Type	Description	Filter Group and Version	Available Version
count	Integer	The total number of list views returned.	Small, 43.0	43.0
currentPageToken	String	The pageToken of the current page of list views.	Small, 43.0	43.0
currentPageUrl	String	The URL of the current page of list views.	Small, 43.0	43.0
lists	List View Summary	Collection of list views for the given object	Small, 43.0	43.0
nextPageToken	String	The pageToken of the next page of list views.	Small, 43.0	43.0
nextPageUrl	String	The URL of the next page of list views	Small, 43.0	43.0
previousPageToken	String	The pageToken of the previous page of list views.	Small, 43.0	43.0
previousPageUrl	String	The URL of the previous page of list views.	Small, 43.0	43.0

SEE ALSO:

[Get List Views for an Object](#)

Lookup Values

Records in a lookup relationship, organized by object type.

Property Name	Type	Description	Filter Group and Version	Available Version
lookupResults	Map<String, Record Collection >	A map of object API names to Record Collection response bodies containing the lookup results for that object type.	Small, 41.0	41.0

SEE ALSO:

[Get Lookup Field Suggestions](#)

Most Recently Used List Metadata

Metadata that describes a most recently used (MRU) list view.

Property Name	Type	Description	Filter Group and Version	Available Version
cloneable	Boolean	Indicates whether the list view can be cloned.	Small, 42.0	42.0
createable	Boolean	Indicates whether a new list view for this list view's object can be created.	Small, 42.0	42.0
deletable	Boolean	Indicates whether the list view can be deleted.	Small, 42.0	42.0
displayColumns	List Column[]	All display columns for this list view.	Small, 42.0	42.0
filterLogicString	String	The filter logic string, such as "(1 OR 2) and 3". Indexes start with 1.	Small, 42.0	42.0
filteredByInfo	List Filter by Info[]	Filtering information for the list view.	Small, 42.0	42.0
id	List View ID	Identity information for the list view.	Small, 42.0	42.0—42.0
label	String	The list view's display label. E.g. "All Accounts".	Small, 42.0	42.0
listReference	List Reference	An object representing the identity of the list.	Small, 43.0	43.0
listViewApiName	String	The list view's api name. E.g. "AllAccounts".	Small, 42.0	42.0—42.0
orderedByInfo	List Order by Info[]	Ordering information for the list view.	Small, 42.0	42.0
updateable	Boolean	Indicates whether the list view can be updated.	Small, 42.0	42.0
userPreferences	List User Preference	User preferences for this list view.	Small, 42.0	42.0
visibility	String	The list view's visibility. One of these values: <ul style="list-style-type: none"> • Private • Public • Shared 	Small, 42.0	42.0
visibilityEditable	Boolean	Indicates whether the visibility of the list view can be edited.	Small, 42.0	42.0

SEE ALSO:

[Get Most Recently Used List View Metadata](#)

Most Recently Used List Record Collection

A collection of an object's most recently used list view records.

Property Name	Type	Description	Filter Group and Version	Available Version
count	Integer	The total count of records returned.	Small, 43.0	43.0
currentPageToken	String	The token for the current page of records.	Small, 43.0	43.0
currentPageUrl	String	The URL of the current page of records.	Small, 43.0	43.0
listInfoETag	String	An ETag that indicates whether the metadata has changed.	Small, 43.0	43.0
nextPageToken	String	The token for the next page of records.	Small, 43.0	43.0
nextPageUrl	String	The URL of the next page of records	Small, 43.0	43.0
previousPageToken	String	The token for the previous page of records.	Small, 43.0	43.0
previousPageUrl	String	The URL of the previous page of records.	Small, 43.0	43.0
records	Record Collection	Collection of records for the MRU list view.	Small, 43.0	43.0

SEE ALSO:

[Get Most Recently Used List View Records](#)

Most Recently Used List UI

The record data and metadata for an object's most recently used (MRU) list view.

Property Name	Type	Description	Filter Group and Version	Available Version
info	List Metadata	The metadata for the list view.	Small, 43.0	43.0
records	List Record Collection	The record data for the list view.	Small, 43.0	43.0

SEE ALSO:

[Get Most Recently Used List View Records and Metadata](#)

Navigation Items

An ordered list of navigation items (tabs) for the current user.

Property Name	Type	Description	Filter Group and Version	Available Version
navItems	Navigation Item []	Metadata for navigation tabs.	Small, 43.0	43.0
currentPageUrl	String	URL to the current page of navigation tabs.	Medium, 45.0	45.0
nextPageUrl	String	URL to the next page of navigation tabs.	Medium, 45.0	45.0

SEE ALSO:

[Get Personalized Navigation Items](#)

Object Info

The metadata for an object.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The object's API name.	Small, 41.0	41.0
childRelationships	Child Relationship []	The object's child relationships.	Medium, 41.0	41.0
createable	Boolean	Indicates whether the object can be created.	Small, 41.0	41.0
custom	Boolean	Indicates whether the object is custom.	Small, 41.0	41.0
defaultRecordTypeId	String	The ID for the default record type for this object, if any. If there isn't a default record type, this value is the master record type, which is 012000000000000AAA. If the record is a nested record (for example, in a request for an Account, the User object is a nested record), the value is null.	Medium, 41.0	41.0
deleteable	Boolean	Indicates whether the object can be deleted. Only available in API version 41.0. In API version 42.0, we spelled it correctly.	Small, 41.0	41.0-41.0
deletable	Boolean	Indicates whether the object can be deleted.	Small, 42.0	42.0
dependentFields	Map<String, Object>	A map of the dependent fields tree structure. Each nested object is another Map<String, Object>. When the object is empty, it indicates a leaf of the tree, which is a field that doesn't control other fields. An object can have multiple	Big, 42.0	42.0

Property Name	Type	Description	Filter Group and Version	Available Version
		<p>independent trees, which means this property can have multiple root objects.</p> <p>Imagine an object with the picklists Continents__c, Countries__c, and Cities__c. Continents__c is the root. Cities__c is a leaf. Continents__c and Countries__c are controlling fields. Countries__c and Cities__c are dependent picklists.</p> <pre> "dependentFields" : { "Continents__c" : { "Countries__c" : { "Cities__c" : { } } } }, </pre> <p>A field dependency causes the values in a picklist to be dynamically filtered based on the value selected by the user in another field. The field that drives filtering is called the "controlling field." Standard and custom checkboxes and picklists with at least one and less than 300 values can be controlling fields. The field that has its values filtered is called the "dependent field." Custom picklists and multi-select picklists can be dependent fields.</p>		
feedEnabled	Boolean	Indicates whether the object can have feeds.	Medium, 41.0	41.0
fields	Map<String, Field >	A map of field API name to information about the field. This map only contains fields relevant to the requested layout and mode.	Medium, 41.0	41.0
keyPrefix	String	The key prefix for IDs of this object.	Medium, 41.0	41.0
label	String	The object's display label.	Small, 41.0	41.0
labelPlural	String	The plural form of the object's display label.	Medium, 41.0	41.0
layoutable	Boolean	Indicates whether the object can have a layout.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
mruEnabled	Boolean	Indicates whether the object can appear in Most Recently Used lists.	Small, 41.0	41.0
nameFields	String[]	A collection of the API names of the fields used to identify the name field for standard and custom objects. Typically there is one name field per object, except where <code>FirstName</code> and <code>LastName</code> fields are used.	Medium, 41.0	41.0
queryable	Boolean	Indicates whether the context user can query the object.	Small, 41.0	41.0
recordTypeInfoos	Map<String, Record Type Info >	A map of record type IDs to information about the record type. All record types are visible whether the user has access to them.	Medium, 41.0	41.0
searchable	Boolean	Indicates whether the object can be searched.	Small, 41.0	41.0
themeInfo	Theme Info	Theme information for the object.	Medium, 41.0	41.0
updateable	Boolean	Indicates whether the object can be updated.	Small, 41.0	41.0

SEE ALSO:

[Get Record Data and Object Metadata](#)[Get Object Metadata](#)[Get Default Values to Clone a Record](#)[Get Default Values to Create a Record](#)[Record UI](#)[Record Defaults](#)

Object Info Directory

A directory of objects that are supported by User Interface API and available to the context user.

Property Name	Type	Description	Filter Group and Version	Available Version
objects	Map<String, Object Info Directory Entry >	A map of objects supported by User Interface API to their object info directory entries.	Small, 42.0	42.0

SEE ALSO:

[Get a Directory of Supported Objects](#)

Picklist Values

The picklist values for a field, scoped to a record type. If a picklist is dependent, this response includes the values of its immediate controlling field and how they map to the picklist.

Property Name	Type	Description	Filter Group and Version	Available Version
controllerValues	Map<String, Integer>	<p>If the picklist is dependent, this property is a map of its immediate controlling field's picklist values to their indexes.</p> <ul style="list-style-type: none"> If the controlling field is a picklist, the String is the picklist value and the integer is the value's index. If the controlling field is a checkbox, the values in the map are <code>"false": 0</code> and <code>"true": 1</code>. <p>If the picklist is independent, the map is empty.</p>	Small, 41.0	41.0
defaultValue	Picklist Value	The default value for the picklist, or <code>null</code> if there isn't one.	Small, 41.0	41.0
url	String	A User Interface API resource that represents this payload.	Small, 41.0	41.0
values	Picklist Value []	A list of values for this object, record type, field combination.	Small, 41.0	41.0

SEE ALSO:

[Picklist Values Collection](#)

[Get Values for a Picklist Field](#)

[Get Values for All Picklist Fields of a Record Type](#)

[Build UI for Picklists](#)

Picklist Values Collection

A collection of picklist values for all the picklists of a specified record type.

Property Name	Type	Description	Filter Group and Version	Available Version
<code>picklistFieldValues</code>	Map<String, Picklist Values >	A map of field names to Picklist Values response bodies. This map contains all the picklist values for all the picklists of a specified record type, including dependent picklists. If a field isn't a picklist, it isn't represented in the map.	Small, 42.0	42.0

SEE ALSO:

[Get Values for All Picklist Fields of a Record Type](#)

[Build UI for Picklists](#)

Record

The field data, API name, child relationship data, and record type information for a record.

Property Name	Type	Description	Filter Group and Version	Available Version
<code>apiName</code>	String	The record's API name.	Small, 41.0	41.0
<code>childRelationships</code>	Map<String, Record Collection >	The child relationship data for this record.	Small, 41.0	41.0
<code>fields</code>	Map<String, Field Value >	The field data for this record, matching the requested layout and mode.	Small, 41.0	41.0
<code>id</code>	String	The ID of this record.	Small, 41.0	41.0
<code>lastModifiedById</code>	String	The ID of the user who last updated this record.	Small, 44.0	44.0
<code>lastModifiedDate</code>	String	The date and time when a user last modified this record. Date and time information is in ISO 8601 format.	Small, 44.0	44.0
<code>recordTypeInfo</code>	Record Type Info	The record type info for this record, if any.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
systemModstamp	String	The date and time when a user or an automated process (such as a trigger) last modified this record. Date and time information is in ISO 8601 format.	Small, 44.0	44.0

SEE ALSO:

[Record UI](#)[Record Defaults](#)[Batch Result Item](#)[Create a Record](#)[Update a Record](#)[Get a Record](#)[Get Default Values to Clone a Record](#)[Get Default Values to Create a Record](#)

Record Collection

A paginated collection of Record response bodies.

Property Name	Type	Description	Filter Group and Version	Available Version
count	Integer	The page size.	Small, 41.0	41.0
currentPageToken	String	Token identifying the current page.	Small, 44.0	44.0
currentPageUrl	String	User Interface API URL identifying the current page.	Small, 41.0	41.0
nextPageToken	String	Token identifying the next page, or <code>null</code> if there isn't a next page.	Small, 44.0	Small, 44.0
nextPageUrl	String	User Interface API URL identifying the next page.	Small, 41.0	Small, 41.0
previousPageToken	String	Token identifying the previous page, or <code>null</code> if there isn't a previous page.	Small, 44.0	44.0
previousPageUrl	String	User Interface API URL identifying the previous page.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
records	Record[]	A collection of records.	Small, 41.0	41.0

SEE ALSO:

[Record](#)

[Get Child Records](#)

[Lookup Values](#)

Record Defaults

The default information and data needed to create or clone a record. Use these values in a request to `POST /ui-api/records`.

Property Name	Type	Description	Filter Group and Version	Available Version
layout	Record Layout	Record layout information.	Medium, 41.0	41.0
objectInfo	Object Info	Object metadata.	Big, 41.0	41.0-41.0
objectInfos	Object Info[]	A collection of object metadata.	Big, 42.0	42.0
record	Record	Pre-populated record data.	Small, 41.0	41.0

SEE ALSO:

[Get Default Values to Clone a Record](#)

[Get Default Values to Create a Record](#)

[Create a Record](#)

Record Layout

The layout information for a record.

Property Name	Type	Description	Filter Group and Version	Available Version
id	String	The layout ID.	Small, 41.0	41.0
layoutType	String	The layout type for the record. One of these values: <ul style="list-style-type: none">• <code>Compact</code>—Use this value to get a layout that contains a record's key fields.• <code>Full</code>—(Default) Use this value to get a full layout.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
mode	String	<p>The access mode for the record. This value determines which fields to get from a layout. Layouts have different fields for create, edit, and view modes. For example, formula fields are rendered in view mode, but not in create mode because they're calculated at run time, like formulas in a spreadsheet. One of these values:</p> <ul style="list-style-type: none">• Create—Use this mode if you intend to build UI that lets a user create a record. This mode is used by the <code>/ui-api/record-defaults/create/{apiName}</code> resource.• Edit—Use this mode if you intend to build UI that lets a user edit a record. This mode is used by the <code>/ui-api/record-defaults/clone/{recordId}</code> resource.• View—(Default) Use this mode if you intend to build UI that displays a record.	Small, 41.0	41.0
sections	Record Layout Section []	A collection of layout sections.	Small, 41.0	41.0

SEE ALSO:

[Record UI](#)[Record Defaults](#)[Get Record Layout Metadata](#)[Get Default Values to Clone a Record](#)[Get Default Values to Create a Record](#)

Record UI

The layout information, field information, and data for a record.

Property Name	Type	Description	Filter Group and Version	Available Version
layoutUserStates	Map<String, Record Layout Section User State >	A map of layout IDs to user state information.	Medium, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
layouts	Map<String, Map<String, Map<String, Map<String, Record Layout >>>>	A map of object API names to layout information for each object.	Medium, 41.0	41.0
objectInfos	Map<String, Object Info >	A map of object API names to each object's metadata.	Big, 41.0	41.0
records	Map<String, Record >	A map of record IDs to each record's data.	Small, 41.0	41.0

SEE ALSO:

[Get Record Data and Object Metadata](#)

Theme

A set of images and banners that make up a theme. Banners display across the top of a page and have a higher aspect ratio than images.

Property	Type	Description	Filter Group and Version	Available Version
brandColor	String	The brand color of the theme.	Small, 42.0	42.0
brandImage	Theme Image	The brand image of the theme.	Small, 42.0	42.0
defaultGroupBanner	Theme Banner	The default banner for groups. The group banner displays on a group's home page.	Small, 42.0	42.0
defaultGroupImage	Theme Image	The default image for groups. The group image displays beside a group name.	Small, 42.0	42.0
defaultPageBanner	Theme Banner	The default banner for pages other than group and user pages.	Small, 42.0	42.0
defaultUserBanner	Theme Banner	The default user banner of the theme. The user banner displays on a user's home page.	Small, 42.0	42.0
defaultUserImage	Theme Image	The default user image of the theme. The user image displays beside a username.	Small, 42.0	42.0
density	String	<p>The display density in the user interface. One of these values:</p> <ul style="list-style-type: none"> • viewOne—User interface elements have a lower density on the page, which means they have more white space between them. In Lightning Experience, this setting is called Comfy. • viewTwo—User interface elements have a higher density on the page, which means they have the 	Small, 44.0	44.0

Property	Type	Description	Filter Group and Version	Available Version
		least amount of white space between them. In Lightning Experience, this setting is called Compact .		
headerColor	String	The header color of the theme.	Small, 42.0	42.0
linkColor	String	The link color of the theme.	Small, 42.0	42.0
pageColor	String	The page color of the theme.	Small, 42.0	42.0

SEE ALSO:

[Get Active Theme](#)

User Interface API Nested Response Bodies

These response bodies are nested in top-level response bodies.

A request to a resource always returns an [HTTP status code](#), whether the request was successful or not.

[Batch Result Item](#)

The results of one subrequest in a batch request.

[Canvas Layout Component](#)

A canvas component on a record page layout.

[Child Relationship](#)

The child relationship on a parent object. Relationships are connections between records. Use relationships to display data about related object records on a record's detail page.

[Custom Link Layout Component](#)

A custom link component on a record page layout.

[Duplicate Record Error](#)

Information about duplicate record errors. Duplicate rules are used to control whether and when you can save duplicate records within Salesforce. Duplicate rules tell Salesforce what action to take when you attempt to create a duplicate record.

[Error Message](#)

An error code and error message.

[Error with Output](#)

Contains extra information about errors. In rare cases, an error message isn't enough to describe the reason for a failure. For example, when a conflicting precondition exists, the error result can include the information about the cause of the conflict.

[Field](#)

A field's metadata.

[Field Layout Component](#)

A field in a record layout.

[Field Value](#)

The raw and displayable field values for a field in a record.

[Filtered Lookup Info](#)

Metadata for a lookup filter.

[Lead Status Picklist Value Attributes](#)

Additional picklist value attributes for lead statuses.

[List Column](#)

A column in a list.

[List Filter by Info](#)

Information used to filter a list.

[List Order by Info](#)

Ordering information for a list.

[List Reference](#)

Information about the list view referenced in the metadata.

[List User Preference](#)

User preferences for the list view.

[List View ID](#)

Information that identifies a list view.

[List View Summary](#)

A summary of list views for an object.

[Location Field](#)

A complex location value for a record field.

[Match Result](#)

A duplicate rule match. Duplicate rules are used to control whether and when you can save duplicate records within Salesforce. Duplicate rules tell Salesforce what action to take when you attempt to create a duplicate record. Each duplicate rule requires at least one matching rule to identify which existing records are possible duplicates.

[Navigation Item](#)

The metadata for a single navigation item (tab).

[Object Action](#)

The actions for an object.

[Object Info Directory Entry](#)

An entry in the Object Info Directory, which is a directory of objects that User Interface API supports and that the context user can access.

[Opportunity Stage Picklist Value Attributes](#)

Additional picklist value attributes for opportunity stages.

[Page Reference](#)

A page reference.

[Picklist Value](#)

A single picklist value.

[Platform Action](#)

The metadata, layout information, and data for a platform action.

[Record Exceptions](#)

A collection of record exception errors.

[Record Exception Error](#)

Information about a record exception error.

[Record Layout Component](#)

A concrete record layout component.

[Record Layout Item](#)

An item in a record layout.

[Record Layout Row](#)

A row in a record layout.

[Record Layout Section](#)

A section in a record layout.

[Record Layout Section User State](#)

The user state information for a record layout section.

[Record Layout User State](#)

The user state information for a record layout.

[Record Type Info](#)

Information about a record type.

[Reference To Info](#)

Information about a reference field's referenced types and the name field names of those types.

[Report Layout Component](#)

A report chart component on a record layout page.

[Theme Banner](#)

A theme banner image. Theme banners have a higher aspect ratio than theme images. The banner size may change slightly, so code accordingly.

[Theme Image](#)

A theme image at three sizes: small, medium, and large. Specific sizes may change slightly, so code accordingly.

[Theme Info](#)

Color and icon information for a theme.

[Visualforce Layout Component](#)


A Visualforce component on a record layout page.

SEE ALSO:

[User Interface API Top-Level Response Bodies](#)

Batch Result Item

The results of one subrequest in a batch request.

Property	Type	Description	Filter Group and Version	Available Version
result	One of these types: <ul style="list-style-type: none"> Error Message  Important: If the result is an error, the type is a collection of error messages. Record 	A response body for a record passed in a request to <code>/ui-api/records/batch/{recordIds}</code> .	Small, 41.0	41.0
statusCode	Integer	An HTTP status code indicating the status of this individual request in the batch.	Small, 41.0	41.0

SEE ALSO:

[Batch Results](#)

Canvas Layout Component

A canvas component on a record page layout.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The API name of the canvas app.	Small, 41.0	41.0
componentType	String	The value is <code>Canvas</code> .	Small, 41.0	41.0
displayLocation	String	The location in the application where the canvas app is being called from. One of these values: <ul style="list-style-type: none"> <code>Chatter</code>—The canvas app was called from the Chatter tab. <code>ChatterFeed</code>—The canvas app was called from a Chatter canvas feed item. <code>MobileNav</code>—The canvas app was called from the navigation menu in the Salesforce app. <code>OpenCTI</code>—The canvas app was called from an Open CTI component. 	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
		<ul style="list-style-type: none"> PageLayout—The canvas app was called from an element within a page layout. If the <code>displayLocation</code> is <code>PageLayout</code>, one of the <code>subLocation</code> values can be returned. Publisher—The canvas app was called from a canvas custom quick action. ServiceDesk—The canvas app was called from a Salesforce Console component. Visualforce—The canvas app was called from a Visualforce page. None—The canvas app was called from the Canvas App Previewer. <p>The <code>sublocation</code> in the application where the canvas app was called from when the canvas app is loaded in a mobile device. The possible values are:</p> <ul style="list-style-type: none"> S1MobileCardFullview—The canvas app was called from a mobile card. S1MobileCardPreview—The canvas app was called from a mobile card preview. S1RecordHomePreview—The canvas app was called from a record detail page preview. S1RecordHomeFullview—The canvas app was called from a page layout. 		
<code>height</code>	String	The height of the component.	Small, 41.0	41.0
<code>referenceId</code>	String	The unique ID of the canvas app definition.	Small, 41.0	41.0
<code>showScroll</code>	Boolean	Indicates whether to show the scroll bar on the canvas component (<code>true</code>) or not (<code>false</code>).	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
width	String	The width of the component.	Small, 41.0	41.0

SEE ALSO:

[Record Layout Item](#)

Child Relationship

The child relationship on a parent object. Relationships are connections between records. Use relationships to display data about related object records on a record's detail page.

Property Name	Type	Description	Filter Group and Version	Available Version
childObjectApiName	String	The API name of the child object.	Medium, 41.0	41.0
fieldName	String	The field on the child object that contains the reference to the parent object. Instead of defining relationships through primary keys and foreign keys, the Salesforce database uses reference fields. A reference field stores the ID of the related parent record.	Medium, 41.0	41.0
junctionIdListNames	String[]	The names of the <code>JunctionIdList</code> fields associated with an object. Each ID is a polymorphic key, which is an ID that can refer to more than one type of object.	Medium, 41.0	41.0
junctionReferenceTo	String[]	A collection of object names that the polymorphic keys in the <code>junctionIdListNames</code> property can reference. You can query these object names.	Medium, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
relationshipName	String	The name of the relationship. A name for the child relationship that is unique to the parent. The name is the plural form of the child object name. For example, Account has child relationships to Assets, Cases, and Contacts, among other objects. Account has a relationshipName for each object: Assets, Cases, and Contacts.	Medium, 41.0	41.0

SEE ALSO:

[Object Info](#)

Custom Link Layout Component

A custom link component on a record page layout.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	If a field powers this component, this property contains the API name of the field.	Small, 41.0	41.0
behavior	String	Indicates how a link behaves on open. One of these values: <ul style="list-style-type: none">• NewWindow—Open a new window.• NoSidebar—No sidebar• OnClickJavaScript—When the link is clicked, run JavaScript.• Replace—Replace the current page.• Sidebar—Sidebar	Small, 41.0	41.0
componentType	String	The component type. The value is CustomLink.	Small, 41.0	41.0
customLinkUrl	String	The custom link URL.	Small, 41.0	41.0
label	String	The custom link label.	Small, 41.0	41.0

SEE ALSO:

[Record Layout Item](#)

Duplicate Record Error

Information about duplicate record errors. Duplicate rules are used to control whether and when you can save duplicate records within Salesforce. Duplicate rules tell Salesforce what action to take when you attempt to create a duplicate record.

Property Name	Type	Description	Filter Group and Version	Available Version
matchResults	Match Result []	A collection of duplicate rule match results. Each duplicate rule requires at least one matching rule to identify which existing records are possible duplicates.	Small, 41.0	41.0

SEE ALSO:

[Record Exception Error](#)

Error Message

An error code and error message.

Property	Type	Description	Filter Group and Version	Available Version
errorCode	String	An error code with information about the error, for example, <code>INSUFFICIENT_PRIVILEGES</code>	Small, 41.0	41.0
message	String	Description of error	Small, 41.0	41.0

SEE ALSO:

[Batch Result Item](#)

Error with Output

Contains extra information about errors. In rare cases, an error message isn't enough to describe the reason for a failure. For example, when a conflicting precondition exists, the error result can include the information about the cause of the conflict.

User Interface API enforces Salesforce validation rules. If a validation rule fails, the error is reported here.

Property	Type	Description	Filter Group and Version	Available Version
enhancedErrorType	String	Indicates the type of the <code>output</code> property. The value is either <code>null</code> or <code>RecordError</code> .	Small, 41.0	41.0
message	String	Description of the error.	Small, 41.0	41.0
output	Any response body	The response body returned by the requested resource. For example, if a successful request returns a Object Info response body but an error	Small, 41.0	41.0

Property	Type	Description	Filter Group and Version	Available Version
		triggers the Error with Output response body, the value of the <code>output</code> property is an Object Info response body. When an error occurs related to record create or update, this value is Record Exceptions .		

Field

A field's metadata.

Property Name	Type	Description	Filter Group and Version	Available Version
<code>apiName</code>	String	The API name for this field.	Small, 41.0	41.0
<code>calculated</code>	Boolean	Indicates whether the field is a custom formula field.	Small, 41.0	41.0
<code>compound</code>	Boolean	Indicates whether the field is a top-level compound field. If the <code>dataType</code> is <code>Location</code> , this value is usually <code>false</code> .	Small, 41.0	41.0
<code>compoundComponentName</code>	String	If this field is a component field of a compound field, the value is the normalized component name, otherwise the value is <code>null</code> . For example, if the field represents <code>"BillingStreet"</code> of an <code>Address</code> compound field, this property contains <code>"Street"</code> .	Small, 41.0	41.0
<code>compoundFieldName</code>	String	If this field is a component field of a compound field, this property contains the top-level compound field. Otherwise, the value of this property is <code>null</code> .	Small, 41.0	41.0
<code>controllerName</code>	String	If this field is a dependent picklist, this property is the name of the field that controls the values of the picklist.	Small, 41.0	41.0
<code>controllingFields</code>	String[]	If this field is a dependent picklist, this property is a collection of fields that control the values in the picklist. When there's a hierarchy of controlling fields, the collection starts with the immediate parent and moves up the tree.		

Property Name	Type	Description	Filter Group and Version	Available Version
createable	Boolean	Indicates whether the field can be created.	Small, 41.0	41.0
custom	Boolean	Indicates whether the field is custom.	Small, 41.0	41.0
dataType	String	Field type. One of these values: <ul style="list-style-type: none"> • Address • Base64 • Boolean • ComboBox • ComplexValue—ComplexValue Type (CVT). • Currency • Date • DateTime • Double • Email • EncryptedString • Int • Location • MultiPicklist—To populate the multi-select picklist, Get Values for a Picklist Field or Get Values for All Picklist Fields of a Record Type. • Percent • Phone • Picklist—To populate the picklist, Get Values for a Picklist Field or Get Values for All Picklist Fields of a Record Type. • Reference • String • TextArea • Time • Url 	Small, 41.0	41.0
extraTypeInfo	String	More data type information. One of these values: <ul style="list-style-type: none"> • ExternalLookup—External lookup • ImageUrl—Image url 	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
		<ul style="list-style-type: none"> IndirectLookup—Indirect lookup PersonName—Person name PlainTextArea—Plain text area RichTextArea—Rich text area SwitchablePersonName—Switchable person name 		
filterable	Boolean	Indicates whether the field is filterable. If <code>true</code> , then this field can be specified in the <code>WHERE</code> clause of a SOQL statement.	Small, 41.0	41.0
filteredLookupInfo	Filtered Lookup Info	If the field is a reference field type with a lookup filter, this value contains the lookup information.	Small, 41.0	41.0
highScaleNumber	Boolean	Indicates whether the field stores numbers to 8 decimal places regardless of what's specified in the field details.	Small, 41.0	41.0
htmlFormatted	Boolean	Indicates whether the field has been formatted for HTML and should be encoded for display in HTML. Also indicates whether a field is a custom formula field that has an <code>IMAGE</code> text function.	Small, 41.0	41.0
inlineHelpText	String	The text that displays in the field-level help hover text.	Medium, 41.0	41.0
label	String	Text label that is displayed next to the field in the Salesforce user interface. This label may be localized.	Small, 41.0	41.0
length	Integer	For string fields, the maximum size of the field in number of Unicode characters (not bytes).	Small, 41.0	41.0
nameField	Boolean	Indicates whether the field is a name field.	Small, 41.0	41.0
polymorphicForeignKey	Boolean	Indicates whether the field is a foreign key over a domain of multiple objects.	Small, 41.0	41.0
precision	Integer	For double fields, indicates the maximum number of digits that can be	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
		stored, on both sides of the decimal point.		
reference	Boolean	Indicates whether the field is a foreign key to another record. A reference field contains an Id value that points to a unique record (usually the parent record) on another object.	Small, 41.0	41.0
referenceTargetField	String	For indirect lookup relationships on external objects, this property is the target custom field of the referenced object.	Medium, 41.0	41.0
referenceToInfos	Reference To Info[]	For fields that refer to other objects, this list includes information about the object types and name fields of the referenced objects.	Small, 41.0	41.0
relationshipName	String	The name of the relationship, if this relationship is a master-detail relationship field.	Small, 41.0	41.0
required	Boolean	Indicates whether the field is required when creating or editing a record. To determine which fields are required in a layout, use the RecordLayoutItem.required property.	Small, 41.0	41.0
searchPrefilterable	Boolean	Indicates whether a foreign key (relationship field) can be included in a SOSL WHERE clause.	Big, 41.0	41.0
scale	Integer	For double fields, indicates the number of digits to the right of the decimal point.	Small, 41.0	41.0
sortable	Boolean	Indicates whether the field is sortable. If <code>true</code> , then this field can be specified in a SOQL ORDER BY clause.	Small, 41.0	41.0
unique	Boolean	Indicates whether a field's value must be unique.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
updateable	Boolean	Indicates whether the field can be edited.	Small, 41.0	41.0

SEE ALSO:

[Object Info](#)

Field Layout Component

A field in a record layout.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The API name of the field.	Small, 41.0	41.0
componentType	String	The value is <code>Field</code> .	Small, 41.0	41.0
label	String	The label of the field.	Small, 41.0	41.0

SEE ALSO:

[Record Layout Item](#)

Field Value

The raw and displayable field values for a field in a record.

Property Name	Type	Description	Filter Group and Version	Available Version
displayValue	String	<p>The displayable value for a field.</p> <p>This field is non-null in these cases.</p> <ul style="list-style-type: none">• The <code>value</code> property can be localized to the context user's language.• The <code>value</code> property is a date or currency that can be formatted for display.• The <code>value</code> property is a related record.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
value	Object	The value of a field in its raw data form. If the field is a related record, the raw value contains a nested Record response body. If this value is <code>null</code> , the <code>displayValue</code> is also <code>null</code> .	Small, 41.0	41.0

SEE ALSO:

[Record](#)

Filtered Lookup Info

Metadata for a lookup filter.

Property Name	Type	Description	Filter Group and Version	Available Version
controllingFields	String[]	A collection of controlling fields when the lookup filter is dependent on the source object.	Small, 41.0	41.0
dependent	Boolean	Indicates whether the lookup filter is dependent on the source object.	Small, 41.0	41.0
optionalFilter	Boolean	Indicates whether the lookup filter is optional.	Small, 41.0	41.0

SEE ALSO:

[Field](#)

Lead Status Picklist Value Attributes

Additional picklist value attributes for lead statuses.

Property Name	Type	Description	Filter Group and Version	Available Version
converted	Boolean	If this status indicates the lead has been converted, the value is <code>true</code> , otherwise <code>false</code> . For more info, see the documentation for the <code>LeadStatus</code> standard object.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
leadAttributes	String	The value is <code>LeadStatus</code> . Indicates that these value attributes are associated with the status of a Lead.	Small, 41.0	41.0

List Column

A column in a list.

Property Name	Type	Description	Filter Group and Version	Available Version
fieldApiName	String	The API name for the field.	Small, 42.0	42.0
label	String	The label of the field.	Small, 42.0	42.0
sortable	Boolean	Indicates whether the list column is sortable.	Small, 42.0	42.0

List Filter by Info

Information used to filter a list.

Property Name	Type	Description	Filter Group and Version	Available Version
fieldApiName	String	The API name for the field used to filter the list.	Small, 42.0	42.0
label	String	The label for the field used to filter the list.	Small, 42.0	42.0
operandLabels	String[]	The values (or label if one exists) used to filter the list.	Small, 42.0	42.0
operator	String	The filter operator. One of these values: <ul style="list-style-type: none"> • <code>Contains</code> • <code>Equals</code> • <code>Excludes</code> • <code>GreaterOrEqual</code> • <code>GreaterThan</code> • <code>Includes</code> • <code>LessOrEqual</code> • <code>LessThan</code> • <code>NotContain</code> • <code>NotEqual</code> • <code>StartsWith</code> 	Small, 42.0	42.0

Property Name	Type	Description	Filter Group and Version	Available Version
		<ul style="list-style-type: none">Within		

List Order by Info

Ordering information for a list.

Property Name	Type	Description	Filter Group and Version	Available Version
fieldApiName	String	The API name for the field.	Small, 42.0	42.0
isAscending	Boolean	Indicates whether the list column is ascending or descending.	Small, 42.0	42.0
label	String	The localized label of the field.	Small, 42.0	42.0

List Reference

Information about the list view referenced in the metadata.

Property Name	Type	Description	Filter Group and Version	Available Version
id	String	Identity information for the list view.	Small, 42.0	42.0
listViewApiName	String	The list view's api name. E.g. "AllAccounts".	Small, 43.0	43.0
objectApiName	String	A supported object, such as Account.	Small, 42.0	42.0
type	String	The list view type.	Small, 42.0	42.0

SEE ALSO:

[Most Recently Used List Metadata](#)

List User Preference

User preferences for the list view.

Property Name	Type	Description	Filter Group and Version	Available Version
columnWidths	Map<String, Integer>	Column width preferences for the list view. Maps a column name to a width.	Small, 42.0	42.0
columnWrap	Map<String, Boolean>	Column wrapping preferences for the list view. Maps a column name to a boolean	Small, 42.0	42.0

Property Name	Type	Description	Filter Group and Version	Available Version
		that indicates whether the column text wraps.		

List View ID

Information that identifies a list view.

Property Name	Type	Description	Filter Group and Version	Available Version
id	String	The list view ID.	Small, 42.0	42.0
objectApiName	String	The object API name for the list view.	Small, 42.0	42.0
type	String	The type of the list view.	Small, 42.0	42.0

List View Summary

A summary of list views for an object.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The list view's object API name.	Small, 43.0	43.0
id	String	ID of the list view.	Small, 43.0	43.0
label	String	The list view's label.	Small, 43.0	43.0
listUiUrl	String	The list view's UI URL.	Small, 43.0	43.0

SEE ALSO:

[List View Summary Collection](#)

Location Field

A complex location value for a record field.

Property Name	Type	Description	Filter Group and Version	Available Version
latitude	Double	Gets the latitude of the location. This value maybe <code>null</code> if both latitude and longitude are null.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
longitude	Double	Gets the longitude of the location. This value maybe <code>null</code> if both latitude and longitude are <code>null</code> .	Small, 41.0	41.0

Match Result

A duplicate rule match. Duplicate rules are used to control whether and when you can save duplicate records within Salesforce. Duplicate rules tell Salesforce what action to take when you attempt to create a duplicate record. Each duplicate rule requires at least one matching rule to identify which existing records are possible duplicates.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The API name of the object.	Small, 41.0	41.0
isAllowSave	Boolean	Indicates whether the rule allows a duplicate to be saved.	Big, 41.0	41.0
matchRecordIds	String[]	The IDs of the matching records.	Small, 41.0	41.0
matchRule	String	The developer name of the matching duplicate rule.	Big, 41.0	41.0
objectLabel	String	The object's label.	Small, 41.0	41.0
objectLabelPlural	String	The object's label in plural form.	Small, 41.0	41.0
themeInfo	Theme Info	Information about the object's color and icon.	Small, 41.0	41.0

SEE ALSO:

[Duplicate Record Error](#)

Navigation Item

The metadata for a single navigation item (tab).

Property Name	Type	Description	Filter Group and Version	Available Version
availableInClassic	Boolean	If <code>true</code> , the tab is available for Salesforce Classic.	Medium, 43.0	43.0
availableInLightning	Boolean	If <code>true</code> , the tab is available for Lightning Experience.	Medium, 43.0	43.0
color	String	Color of the navigation tab.	Small, 43.0	43.0
content	String	Launch URL of the navigation tab.	Small, 43.0	43.0

Property Name	Type	Description	Filter Group and Version	Available Version
<code>custom</code>	Boolean	If <code>true</code> , this navigation tab is a custom tab.	Small, 43.0	43.0
<code>developerName</code>	String	API name of the navigation tab.	Small, 43.0	43.0
<code>iconUrl</code>	String	URL of the icon of the navigation tab.	Medium, 43.0	43.0
<code>id</code>	String	ID of the navigation tab.	Small, 43.0	43.0
<code>itemType</code>	String	<p>The navigation tab menu type. One of these values:</p> <ul style="list-style-type: none"> • <code>CanvasConnectedApp</code>: The Canvas Collected App menu type. This value matches Describe App Menu value <code>CanvasConnectedApp</code>. • <code>ConnectedApp</code>: The Connected App menu type. This value matches Describe App Menu value <code>ConnectedApp</code>. • <code>Entity</code>: The Entity menu type as found from search-driven sections. This value is not sourced from the Describe App Menu. • <code>Standard</code>: The Standard special case menu type as found from search-driven sections. This value matches Describe App Menu values <code>Standard.*</code>. The rest of the type information is in <code>standardddType</code>. • <code>TabApexPage</code>: The Visualforce tab menu type. This value matches Describe App Menu value <code>Tab.apexPage</code>. • <code>TabAura</code>: The Aura tab menu type. This value matches Describe App Menu value <code>Tab.flexiPage</code>. • <code>TabSObject</code>: The SObject tab menu type. This value matches Describe App Menu value <code>Tab.sObject</code>. • <code>TabWeb</code>: The web tab menu type. This type is only available in Lightning Experience. This value is not sourced from the Describe App Menu. • <code>FullSite</code>: The Full Site tab menu type. This value is not sourced from the Describe App Menu. 	Small, 43.0	43.0

Property Name	Type	Description	Filter Group and Version	Available Version
		<ul style="list-style-type: none"> • <code>Help</code>: The Help menu type. This value is not sourced from the Describe App Menu. • <code>Logout</code>: The Logout menu type. This value is not sourced from the Describe App Menu. • <code>UserProfile</code>: The User Profile menu type. This value is not sourced from the Describe App Menu. • <code>NotificationSettings</code>: The Notification Settings menu type. This value is not sourced from the Describe App Menu. • <code>Record</code>: The Record menu type. This value is not sourced from the Describe App Menu. • <code>ListView</code>: The ListView menu type. This value is not sourced from the Describe App Menu. 		
<code>label</code>	String	Localized label name of the navigation tab.	Small, 43.0	43.0
<code>objectApiName</code>	String	Corresponding object API name of the navigation tab.	Small, 43.0	43.0
<code>objectLabel</code>	String	The label of the corresponding object.	Small, 44.0	44.0
<code>objectLabelPlural</code>	String	The plural label of the corresponding object.	Small, 44.0	44.0
<code>pageReference</code>	Page Reference	Corresponding page reference for the navigation tab.	Small, 43.0	43.0

Property Name	Type	Description	Filter Group and Version	Available Version
standardType	String	<p>The subtype of a Standard menu type for the app. One of these values:</p> <ul style="list-style-type: none"> • Dashboards • Events • Feeds • Groups • Home • MyDay • PendingInterviews • People • ProcessInstanceWorkitem • Reports • Tasks • Topics • News • DistributedMarketing • Forecasting • Forecasting3 • ForecastingLightning • Development: Lightning Development Experience • AppLauncher: Lightning Experience App Launcher • DataAssessmentLightning • DiscoveryForAccounts • WaveHome • WaveHomeLightning • WaveHomeLightningEacFree • B2bHome • B2bPardotCampaigns • B2bEmail • B2bMarketablePeople • B2bAutomation • B2bSocialSearch • B2bContent • B2bPardotSettings • OmniSupervisorLightning • ReactNative 	Small, 43.0	43.0

Property Name	Type	Description	Filter Group and Version	Available Version
		<ul style="list-style-type: none"> LightningBoltHome LightningInstrumentation 		

SEE ALSO:

[Navigation Items](#)

[App](#)

Object Action

The actions for an object.

Property Name	Type	Description	Filter Group and Version	Available Version
actions	PlatformActionRepresentation[]	A list of actions associated with the object.	Small, 41.0	41.0
links	String[]	The subcontext URLs of the current request	Big, 41.0	41.0
url	String	The URL of the current request.	Big, 41.0	41.0

Object Info Directory Entry

An entry in the Object Info Directory, which is a directory of objects that User Interface API supports and that the context user can access.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The API name of the object.	Small, 42.0	42.0
label	String	The label of the object.	Small, 42.0	42.0
labelPlural	String	The plural label of the object.	Small, 42.0	42.0
objectInfoUrl	String	The URL to get a full object info response for this object (/ui-api/object-info/{objectApiName})	Small, 42.0	42.0

SEE ALSO:

[Object Info Directory](#)

Opportunity Stage Picklist Value Attributes

Additional picklist value attributes for opportunity stages.

Property Name	Type	Description	Filter Group and Version	Available Version
closed	Boolean	Indicates whether this opportunity stage value represents a closed opportunity. Multiple opportunity stage values can represent a closed opportunity. For more info, see the documentation for the OpportunityStage standard object.	Small, 41.0	41.0
defaultProbability	Double	The default percentage estimate of the confidence in closing a specific opportunity for this opportunity stage value. May be <code>null</code> if forecasting is not enabled for the org. For more info, see the documentation for the OpportunityStage standard object.	Small, 41.0	41.0
forecastCategoryName	String	The default forecast category value for this opportunity stage value. May be <code>null</code> if forecasting is not enabled for the org. For more info, see the documentation for the OpportunityStage standard object.	Small, 41.0	41.0
picklistAttributesValueType	String	The value is <code>OpportunityStage</code> . Indicates that these value attributes are associated with the status of a Opportunity.	Small, 41.0	41.0
won	Boolean	Indicates whether this opportunity stage value represents a won opportunity. Multiple opportunity stage values can represent a won opportunity. For more info, see the documentation for the OpportunityStage standard object.	Small, 41.0	41.0

Page Reference

A page reference.

Property Name	Type	Description	Filter Group and Version	Available Version
attributes	Map<String, Object>	Values for each attribute specified by the page definition.	Small, 43.0	43.0

Property Name	Type	Description	Filter Group and Version	Available Version
state	Map<String, Object>	Optional parameters that are not integral to the resolution of the reference.	Small, 43.0	43.0
type	String	Name of the corresponding page definition.	Small, 43.0	43.0

Picklist Value

A single picklist value.

Property Name	Type	Description	Filter Group and Version	Available Version
attributes	Either null or one of these response bodies: <ul style="list-style-type: none">• Lead Status Picklist Value Attributes• Opportunity Stage Picklist Value Attributes	This property might contain a nested response body to help consumers understand the meaning of the picklist value.	Medium, 41.0	41.0
label	String	The displayable value of the picklist to use in a UI.	Small, 41.0	41.0
validFor	Integer[]	If the picklist is a dependent picklist, the property contains a list of the controlling value indexes for which this value is valid. If the picklist is an independent picklist, the list is empty.	Small, 41.0	41.0
value	String	The value of the picklist to use in the API.	Small, 41.0	41.0

SEE ALSO:

[Picklist Values](#)

Platform Action

The metadata, layout information, and data for a platform action.

Property Name	Type	Description	Filter Group and Version	Available Version
actionListContext	String	<p>The context of the action. One of these values:</p> <ul style="list-style-type: none"> Chatter Dockable FlexiPage Global ListView ListViewRecord Lookup MruList ObjectHomeChart Photo Record RecordEdit RelatedList RelatedListRecord 	Small, 41.0	41.0
actionTarget	String	The URL to invoke or describe the action when the action is invoked. Applies only to quick actions.	Big, 41.0	41.0
actionTargetType	String	<p>The type of the target when this action is invoked. One of these values:</p> <ul style="list-style-type: none"> Describe—applies to actions with a user interface, such as quick actions Invoke—applies to actions with no user interface, such as action links or invocable actions Visualforce—applies to standard buttons overridden by a Visualforce page 	Big, 41.0	41.0
apiName	String	<p>The API name of the action.</p> <p>In API version 46.0 and later, for global actions the prefix <code>Global.</code> is prepended to the API name.</p>	Small, 41.0	41.0
externalId	String	External information associated with the action. ¹	Medium, 41.0	41.0
iconUrl	String	The URL of the action's icon image.	Small, 41.0	41.0
id	String	The ID of this platform action record, which is the 18-character PlatformAction SObject ID, with a prefix of <code>0JY.</code>	Small, 41.0	41.0
isMassAction	String	Indicates whether the action can be performed on multiple records.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
label	String	The label to display for this action.	Small, 41.0	41.0
primaryColor	String	The primary color of the icon for this action, in Hex color code. For example, 7F8DE1.	Small, 41.0	41.0
relatedListRecordId	String	When the <code>actionListContext</code> property is <code>RelatedListRecord</code> , this field represents the ID of the record in an object's related list.	Small, 41.0	41.0
relatedSourceObject	String	When the <code>actionListContext</code> property is <code>RelatedList</code> or <code>RelatedListRecord</code> , this field represents the API name of the related list to which the action belongs.	Small, 41.0	41.0
section	String	The section of the user interface the action resides in. One of these values: <ul style="list-style-type: none"> • <code>ActivityComposer</code> • <code>CollaborateComposer</code> • <code>Page</code> • <code>SingleActionLinks</code> 	Medium, 41.0	41.0
sourceObject	String	The object that this action is associated with. Either an API name or record ID, depending on the resource.	Small, 41.0	41.0
subtype	String	The subtype of the action. For quick actions, one of these values: <ul style="list-style-type: none"> • <code>Canvas</code> • <code>CaseComment</code> • <code>ChangeDueDate</code> • <code>ChangePriority</code> • <code>ChangeStatus</code> • <code>Create</code> • <code>Email</code> • <code>LightningComponent</code> • <code>LogACall</code> • <code>MobileCreateFull</code> • <code>MobileSmartActions</code> • <code>Post</code> • <code>SendEmail</code> • <code>SocialPost</code> • <code>Update</code> • <code>VisualforcePage</code> 	Medium, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
		<p>For custom buttons, one of these values:</p> <ul style="list-style-type: none"> • flow • javascript • page • sControl • url <p>For action links, one of these values:</p> <ul style="list-style-type: none"> • Api • ApiAsync • Download • Ui <p>Standard buttons and productivity actions have no subtype.</p>		
targetObject	String	The target object that is created when the action is invoked.	Small, 41.0	41.0
targetUrl	String	The target URL for custom button actions.	Small, 41.0	41.0
type	String	<p>The type of the action. One of these values:</p> <ul style="list-style-type: none"> • CustomButton—A button that opens a URL or Visualforce page or executes JavaScript. • ProductivityAction—A pre-defined Salesforce action, attached to a limited set of objects. • QuickAction—A global or object-specific action. • StandardButton—A pre-defined Salesforce button, such as New, Edit, and Delete. 	Small, 41.0	41.0

¹The format for a quick action is:

```
OrgId:SourceObject::Context:deviceFormat::QuickActionDefinitionId
```

For example:

```
00Dxx0000001gGh:x01xx0000000007AAA::Record:Phone:09Dxx00000000B6
```

The format for a standard action is:

```
OrgId:SourceObject::Context:deviceFormat::StandardButton:ApiName
```

Record Exceptions

A collection of record exception errors.

Property Name	Type	Description	Filter Group and Version	Available Version
errors	Record Exception Error []	General errors.	Small, 41.0	41.0
fieldErrors	Map<String, Record Exception Error [] >	A map of field IDs to field-specific errors.	Small, 41.0	41.0

SEE ALSO:

[Error with Output](#)

Record Exception Error

Information about a record exception error.

Property Name	Type	Description	Filter Group and Version	Available Version
constituentField	String	<p>If the field is a constituent of a compound field, this property contains the API name of the constituent field, and the <code>field</code> property contains the API name of the compound field.</p> <p>If the field is not a constituent of a compound field, or if no field applies to the error, the value is <code>null</code>.</p>	Small, 41.0	41.0
duplicateRecordError	Duplicate Record Error	Information about possible duplicate records. When the error code is <code>DUPLICATES_DETECTED</code> , this property might contain a value.	Small, 41.0	41.0
errorCode	String	An error status code.	Small, 41.0	41.0
field	String	A field API name. If no field applies to the error, the value is <code>null</code> .	Small, 41.0	41.0
fieldLabel	String	A field label. If no field applies to the error, the value is <code>null</code> .	Small, 41.0	41.0
message	String	An error message.	Small, 41.0	41.0

SEE ALSO:

[Record Exceptions](#)

Record Layout Component

A concrete record layout component.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	If a field powers this component, this property contains the API name of the field.	Small, 41.0	41.0
componentType	String	One of these values: <ul style="list-style-type: none"> • Canvas • CustomLink • EmptySpace • Field • ReportChart • VisualforcePage 	Small, 41.0	41.0

SEE ALSO:

[Record Layout Item](#)

Record Layout Item

An item in a record layout.

Property Name	Type	Description	Filter Group and Version	Available Version
editableForNew	Boolean	Indicates whether the item can be edited when creating a new record.	Small, 41.0	41.0
editableForUpdate	Boolean	Indicates whether the item can be edited when updating a record.	Small, 41.0	41.0
label	String	The text label for the item.	Small, 41.0	41.0
layoutComponents	Collection of components. Collection can contain any of these components:	A collection of components that make up the item.	Small, 41.0	41.0
	<ul style="list-style-type: none"> • Canvas Layout Component • Custom Link Layout Component • Field Layout Component • Record Layout Component • Report Layout Component • Visualforce Layout Component 			
lookupIdApiName	String	The ID field name of a lookup field.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
required	Boolean	Indicates whether the field is required in a layout when creating or updating a record. This information is useful to know if you wanted to render required fields with a different treatment, such as a red outline.	Small, 41.0	41.0
sortable	Boolean	Reserved for future use.	Small, 41.0	41.0

SEE ALSO:

[Record Layout Row](#)

Record Layout Row

A row in a record layout.

Property Name	Type	Description	Filter Group and Version	Available Version
layoutItems	Record Layout Item []	A collection of items in the row, from left to right. Might not extend to the last column.	Small, 41.0	41.0

SEE ALSO:

[Record Layout Section](#)

Record Layout Section

A section in a record layout.

Property Name	Type	Description	Filter Group and Version	Available Version
collapsible	Boolean	Indicates whether the section can be collapsed.	Medium, 41.0	41.0
columns	Integer	The number of columns in the section.	Small, 41.0	41.0
heading	String	The heading text for the section.	Small, 41.0	41.0
id	String	The ID of the section.	Small, 41.0	41.0
layoutRows	Record Layout Row []	A collection of the rows in the section.	Small, 41.0	41.0
rows	Integer	The number of rows in the section.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
useHeading	Boolean	Indicates whether the heading text is expected to be displayed.	Medium, 41.0	41.0

SEE ALSO:

[Record Layout](#)

Record Layout Section User State

The user state information for a record layout section.

Property Name	Type	Description	Filter Group and Version	Available Version
collapsed	Boolean	Indicates whether the section is initially displayed as collapsed (<code>true</code>) or expanded (<code>false</code>).	Small, 41.0	41.0
id	String	The ID of a layout section.	Small, 41.0	41.0

SEE ALSO:

[Record UI](#)

Record Layout User State

The user state information for a record layout.

Property Name	Type	Description	Filter Group and Version	Available Version
id	String	The ID of a layout.	Small, 41.0	41.0
sectionUserStates	Map<String, Record Layout Section User State >	A map of layout section user states, keyed to section IDs.	Small, 41.0	41.0

Record Type Info

Information about a record type.

Property Name	Type	Description	Filter Group and Version	Available Version
available	Boolean	Indicates whether this record type is available to the context user when creating a record.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
defaultRecordTypeMapping	Boolean	Indicates whether this record type mapping is the default for the associated object.	Small, 41.0	41.0
master	Boolean	Indicates whether this record type is the master record type. The master record type is the default record type that's used when a record has no custom record type associated with it.	Small, 41.0	41.0
name	String	The record type's label name.	Small, 41.0	41.0
recordTypeId	String	The ID of the record type.	Small, 41.0	41.0

SEE ALSO:

[Record](#)[Object Info](#)

Reference To Info

Information about a reference field's referenced types and the name field names of those types.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The object API name of a type being referenced in a relationship.	Small, 41.0	41.0
nameFields	String[]	A collection of names of the name fields for this object type. Combined with the relationship name, you can determine how to query this type's name fields, for example, <code>Parent.Name</code> . Typically there is one name field per object, except where <code>FirstName</code> and <code>LastName</code> fields are used.	Small, 41.0	41.0

SEE ALSO:

[Field](#)

Report Layout Component

A report chart component on a record layout page.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	If a field powers this component, this property contains the API name of the field.	Small, 41.0	41.0
cacheData	Boolean	Indicates whether to cache data (<code>true</code>) or not (<code>false</code>).	Small, 41.0	41.0
componentType	String	The value is <code>ReportChart</code> .	Small, 41.0	41.0
error	String	An error message.	Small, 41.0	41.0
filter	String	A filter for the report.	Small, 41.0	41.0
hideOnError	Boolean	Indicates whether to hide the component when there's an error (<code>true</code>) or not (<code>false</code>).	Small, 41.0	41.0
placeholder	String	A placeholder for the report.	Small, 41.0	41.0
reportId	String	The component's report ID.	Small, 41.0	41.0
showTitle	Boolean	Indicates whether to show the title of the report (<code>true</code>) or not (<code>false</code>).	Small, 41.0	41.0
size	String	The size of the component.	Small, 41.0	41.0

SEE ALSO:

[Record Layout Item](#)

Theme Banner

A theme banner image. Theme banners have a higher aspect ratio than theme images. The banner size may change slightly, so code accordingly.

Property	Type	Description	Filter Group and Version	Available Version
fullSizeUrl	String	The URL of the banner image.	Small, 42.0	42.0

SEE ALSO:

[Theme](#)

Theme Image

A theme image at three sizes: small, medium, and large. Specific sizes may change slightly, so code accordingly.

Property	Type	Description	Filter Group and Version	Available Version
largeUrl	String	The URL of the large image.	Small, 42.0	42.0
mediumUrl	String	The URL of the medium image.	Small, 42.0	42.0
smallUrl	String	The URL of the small image.	Small, 42.0	42.0

SEE ALSO:

[Theme](#)

Theme Info

Color and icon information for a theme.

Property Name	Type	Description	Filter Group and Version	Available Version
color	String	Color	Small, 41.0	41.0
iconUrl	String	Icon URL	Small, 41.0	41.0

SEE ALSO:

[Object Info](#)

Visualforce Layout Component

A Visualforce component on a record layout page.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	If a field powers this component, this property contains the API name of the field.	Small, 41.0	41.0
componentType	String	The value is <code>VisualforcePage</code> .	Small, 41.0	41.0
height	String	The height of the component.	Small, 41.0	41.0
showLabel	Boolean	Indicates whether to show the section label with this Visualforce component (<code>true</code>) or not (<code>false</code>).	Small, 41.0	41.0
showScroll	Boolean	Indicates whether to show the scroll bar on the canvas component (<code>true</code>) or not (<code>false</code>).	Small, 41.0	41.0
visualforceUrl	String	The Visualforce URL.	Small, 41.0	41.0

Property Name	Type	Description	Filter Group and Version	Available Version
width	String	The width of the component.	Small, 41.0	41.0

SEE ALSO:

[Record Layout Item](#)

INDEX

A

Action [141](#)
App [142](#)
Apps [121](#), [143](#)
Authentication [18](#)

B

Batch Result Item [161](#)
Batch Results [144](#)
Binary upload [30](#)
Build UI for Dependent Picklists [25](#)

C

Caching [18](#)
Canvas Layout Component [162](#)
Case sensitivity [18](#)
Child Relationship [164](#)
child relationships [23](#)
Child Relationships, Get [41–42](#), [48](#), [50](#), [53](#), [62](#)
Create a Favorite [96](#)
Custom Link Layout Component [165](#)

D

Date [18](#)
DateTime [18](#)
Delete Favorite [100](#)
demo apps [12](#)
Dependent picklists [25](#)
Duplicate Record Error [166](#)

E

Enter Capitalized Resource Name [113](#), [117](#), [124](#), [126](#), [128](#), [130](#)
Error Handling [18](#)
Error Message [166](#)
Error responses [20](#)
Error with Output response body [166](#)
ETag [18](#)
examples [12](#)

F

Favorite [144](#)
Favorite Batch Collection Input [135](#)
Favorite Batch Input [136](#)
Favorite Collection [145](#)
FavoriteInputRepresentation [136](#)

Favorites [31–32](#), [39](#)
Features [22](#)
Field [167](#)
Field Layout Component Representation [171](#)
Field Value [171](#)
Filtered Lookup Info [172](#)

G

Get a Directory of Supported Objects [46](#)
Get Default Values to Clone a Record [58](#)
Get Default Values to Create a Record [59](#)
Get Favorite [97](#)
Get Favorites [98](#)
Get List Views for an Object [102](#)
Get Lookup Field Suggestions [63](#)
Get Lookup Field Suggestions for an Object [66](#)
Get Object Metadata [47](#)
Get Picklist Values [48](#)
Get Values for a Picklist Field [47](#)
Global Actions [68](#)
Group Photo Actions [93](#)

I

If-Modified-Since [61](#)
Inputs
 Favorite Batch Collection Input [135](#)
 Favorite Batch Input [136](#)
 FavoriteInputRepresentation [136](#)

L

Lead Status Picklist Value Attributes [172](#)
Lightning Page Actions [87](#)
Limits [18](#)
List Column [173](#)
List Filter by Info [173](#)
List Metadata [145](#)
List Order by Info [174](#)
List Record Collection [146](#)
List Reference [174](#)
List UI [146](#)
List User Preference [174](#)
List View Chart Actions [85](#)
List View Header Actions [79](#)
List View ID [175](#)
List View Metadata [107](#)
List View Record Actions [82](#)

List View Records [103](#)
 List View Records and Metadata [109](#)
 List View Summary [175](#)
 List View Summary Collection [147](#)
 List Views [36](#)
 Location Field [175](#)
 Lookup Field Actions [89](#)
 Lookup Values [147](#)

M

Match Result [176](#)
 Most Recently Used List Metadata [148](#)
 Most Recently Used List Record Collection [149](#)
 Most Recently Used List UI [149](#)
 Most Recently Used List View Metadata [116](#)
 MRU List View Actions [91](#)

N

NavItemRepresentation [176](#)
 NavItemsRepresentation [149](#)
 Node.js [12](#)

O

Object Action [180](#)
 Object Info [150](#)
 Object Info Directory [152](#)
 Object Info Directory Entry [180](#)
 Object Layout, Get. [45](#)
 Opportunity Stage Picklist Value Attributes [181](#)

P

PageReferenceRepresentation [181](#)
 Picklist Value [182](#)
 Picklist Values [153](#)
 Picklist Values Collection [154](#)
 Platform Action [182](#)

R

React [12](#)
 React Native [12](#)
 Record [154](#)
 Record Collection [155](#)
 Record Defaults [156](#)
 Record Detail Page Actions [70](#)
 Record Edit Page Actions [73](#)
 Record Exception [185](#)
 Record Exception Error [186](#)
 Record Input [137](#)
 Record Layout [156](#)

Record Layout Component [186](#)
 Record Layout Item [187](#)
 Record Layout Row [188](#)
 Record Layout Section [188](#)
 Record Layout User State [189](#)
 Record Type Info [189](#)
 Record UI [157](#)
 Record UI Section User State [189](#)
 Record UI, Get [42](#)
 Records, Batch Get [53](#)
 Records, Get [41](#), [50](#), [62](#)
 Records, Get a Page [56](#)
 Records, Post [56](#)
 Records, Update [61](#)
 Records, working with [22](#)
 Reference To Info [190](#)
 Related List Actions [75](#)
 Related List Record Actions [77](#)
 Report Layout Component [190](#)
 Request bodies
 Favorite Batch Collection Input [135](#)
 Favorite Batch Input [136](#)
 FavoriteInputRepresentation [136](#)
 Record Input [137](#)

Resources

apps [121](#)
 child relationships, get [48](#)
 create a favorite [96](#)
 delete favorite [100](#)
 enter lowercase resource name [113](#), [117](#), [124](#), [126](#), [128](#), [130](#)
 error responses [20](#)
 get active themes [134](#)
 get default values to clone a record [58](#)
 get default values to create a record [59](#)
 get directory of supported objects [46](#)
 get favorite [97](#)
 get favorites [98](#)
 get list views for an object [102](#)
 get lookup search results [63](#)
 get lookup search results for an object [66](#)
 get object metadata [47](#)
 get picklist values [48](#)
 get values for a picklist field [47](#)
 global actions [68](#)
 group photo actions [93](#)
 Lightning page actions [87](#)
 list view chart actions [85](#)
 list view header actions [79](#)
 list view metadata [107](#)

Resources (*continued*)

- list view record action [82](#)
- list view records [103](#)
- list view records and metadata [109](#)
- lookup field actions [89](#)
- most recently used list view metadata [116](#)
- MRU list view actions [91](#)
- object layout, get [45](#)
- record detail page actions [70](#)
- record edit page actions [73](#)
- record UI, get [42](#)
- records, batch get [53](#)
- records, get [41](#), [50](#), [62](#)
- records, get a page [56](#)
- records, post [56](#)
- records, update [61](#)
- related list actions [75](#)
- related list record actions [77](#)
- update a batch of favorites [100](#)
- update a favorite [98](#)
- update usage of a favorite [101](#)

Response bodies

- Action [141](#)
- App [142](#)
- Apps [143](#)
- Batch Result Item [161](#)
- Batch Results [144](#)
- Canvas Layout Component [162](#)
- Child Relationship [164](#)
- Custom Link Layout Component [165](#)
- Duplicate Record Error [166](#)
- Error Message [166](#)
- Error with Output [166](#)
- Favorite [144](#)
- favorite collection [145](#)
- Field [167](#)
- Field Layout Component [171](#)
- Field Value [171](#)
- Filtered Lookup Info [172](#)
- Lead Status Picklist Value Attributes [172](#)
- List tFilter by Info [173](#)
- List Column [173](#)
- List Metadata [145](#)
- List Order by Info [174](#)
- List Record Collection [146](#)
- List Reference [174](#)
- List UI [146](#)
- List User Preference [174](#)
- List View ID [175](#)

Response bodies (*continued*)

- List View Summary [175](#)
- list view summary collection [147](#)
- Location Field [175](#)
- Lookup values [147](#)
- Match Result [176](#)
- Most Recently Used List Metadata [148](#)
- Most Recently Used List Record Collection [149](#)
- Most Recently Used List UI [149](#)
- NavItemRepresentation [176](#)
- NavItemsRepresentation [149](#)
- Object Action [180](#)
- Object Info [150](#)
- Object Info Directory [152](#)
- object info directory entry [180](#)
- Opportunity Stage Picklist Value Attributes [181](#)
- PageReferenceRepresentation [181](#)
- Picklist Value [182](#)
- Picklist Values [153](#)
- Picklist Values Collection [154](#)
- Platform Action [182](#)
- Record [154](#)
- Record Collection [155](#)
- Record Defaults [156](#)
- Record Exception [185](#)
- Record Exception Error [186](#)
- Record Layout [156](#)
- Record Layout Component [186](#)
- Record Layout Item [187](#)
- Record Layout Row [188](#)
- Record Layout Section [188](#)
- Record Layout Section User State [189](#)
- Record Layout User State [189](#)
- Record Type Info [189](#)
- Record UI [157](#)
- Reference To Info [190](#)
- Report Layout Component [190](#)
- Theme [158](#)
- Theme Banner [191](#)
- Theme Image [191](#)
- Theme Info [192](#)
- Visualforce Layout Component [192](#)

S

- safelist [12](#)
- sample apps [12](#)
- supported objects [12](#)

Index

T

Theme [158](#)
Theme Banner [191](#)
Theme Image [191](#)
Theme Info [192](#)
Themes, Active [134](#)
Time [18](#)

U

Update a Batch of Favorites [100](#)

Update a Favorite [98](#)
Update Usage of a Favorite [101](#)
Upload binary files [30](#)
User Interface API quick start [2](#)

V

Versioning [18](#)
Visualforce Layout Component [192](#)

W

whitelist [12](#)