



salesforce

# Register External Services Lightning Fast

Integration

# Plug and Play Simplicity

## Is Our Goal

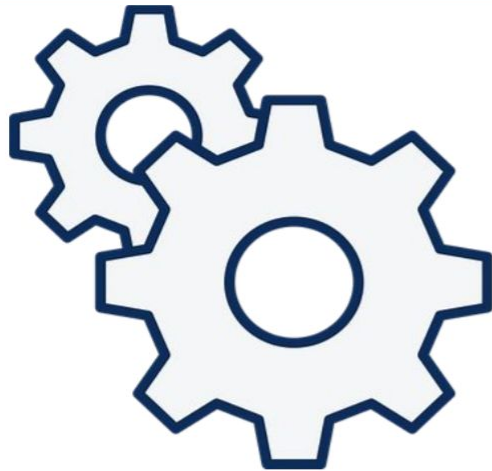


# External Web Service vs. Database Connector

## Integration Types



### Process Integration



A task that requires a business action outside of the Salesforce organization

### Data Integration



Data that needs to reside in two or more systems



# What's an External Service? Why use a JSON Schema?

A Bridge Between Different Types of Users



External Developer



Salesforce Administrator



1. Developers with core competencies in code outside of Salesforce.
2. Administrators and “citizen developers” who prefer to work with clicks and not code within Salesforce.

# For Example....

## Integrate Credit Decision into an Order Process

- A web service provides a credit rating based on attributes of a Salesforce record.
- Combine the credit rating with an order value to automate the selection of a payment term.

For instance, this web service could be a wrapper for the Dun & Bradstreet credit database.

# Create the Service

Define the JSON schema

# JSON Schema Example



```
1  {
2    "$schema": "http://interagent.github.io/interagent-hyper-schema",
3    "title": "Credit Decision Service",
4    "description": "A service for checking an account's credit.",
5    "properties": {
6      "creditDecision": {
7        "$ref": "#/definitions/creditDecision"
8      }
9    },
10   "definitions": {
11     "creditDecision": {
12       "title": "Credit Decision",
13       "description": "Specifies payment terms offered based on credit rating."
14     },
15     "type": [
16       "object"
17     ],
18     "properties": {
19       "accountId": {
20         "$ref": "#/definitions/creditDecision/definitions/accountId"
21       },
22       "orderAmount": {
23         "$ref": "#/definitions/creditDecision/definitions/orderAmount"
24       },
25       "creditRating": {
26         "$ref": "#/definitions/creditDecision/definitions/creditRating"
27       },
28       "paymentTerm": {
29         "$ref": "#/definitions/creditDecision/definitions/paymentTerm"
30       }
31     }
32   }
33 }
```

# Register the Service

Use the external services registration wizard to integrate the service into a Salesforce Process Flow



# External Services Registration

From Setup, in Quick Find Type External Services



Register a New External Service ×

## Register a New Service

Get started by registering a new service

\* Service Name

CreditService

Description

Enter a description

\* Choose an Existing Named Credential

\* Service Schema URL Path ⓘ

/schema

Provide Complete Schema ⓘ

☐

# More Resources

Where The Trail Never Ends



- Trailhead Project: [Quick Start: Heroku Connect](#)
- [Salesforce Integration Patterns and Practices](#)
- [Interagent Documentation](#)

THANK Y☁U

