Informatica Cloud Application Integration

Workday Connector Package

October 2018

Contents

Copyright:

Overview:

Workday is one of the leading cloud-based, human capital management and financial management solutions available today.

This Workday Service Connector allows Informatica Cloud Application Integration (CAI) developers to incorporate access to Workday in their real-time integration scenarios.

This Workday Connector and associated assets enable developers to authenticate against Workday, and then retrieve various data elements. Additional functionality is available for the reader to explore on their own.

Prerequisites:

- A Workday account with API access and the following login credentials.
    - User Name - for Cash Management and Human Resources actions
    - Password - for Cash Management and Human Resources actions
    - RevUsername - for Revenue Management actions
    - RevPassword - for Revenue Management actions
    - Tenant Name
    - Instance Name

- Appropriate role/permissions on Informatica Cloud Application Integration to perform an IMPORT operation

Supported Actions

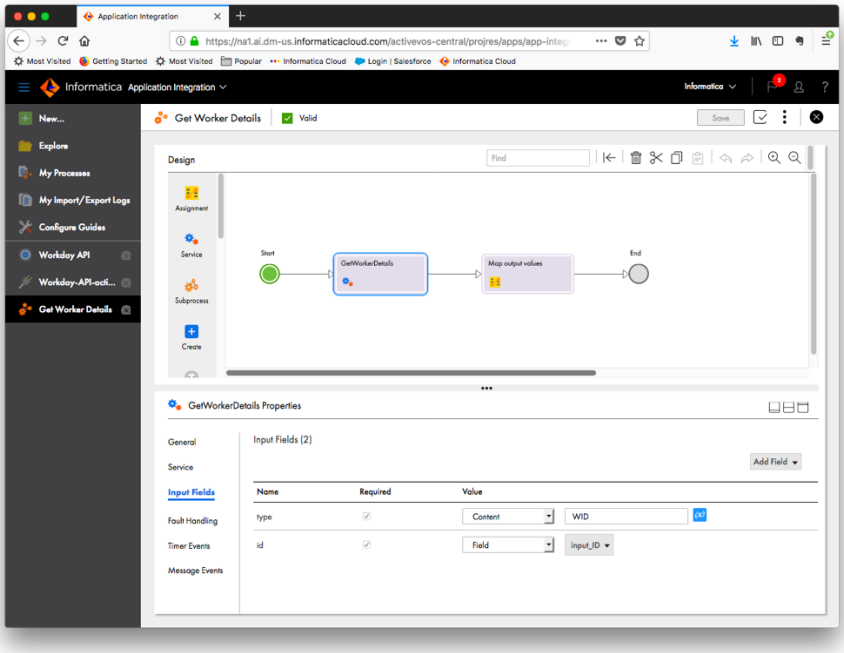
This table lists some of the operations currently implemented in the Workday Service Connector. Additional Workday API information is available here.

Action	Description	Category
GetWorkerDetails		Human Resources
EmployeeFind		Human Resources
GetWorkers	Returns public and private information for specified workers.	Human Resources
Submit Payment Election Enrollment	Replaces current payment elections with new elections.	Cash Management
Get Payment Election Enrollment	Get Payment Election Enrollments	Cash Management
GetLastElection		Cash Management
GetCustomerInvoice	This service operation will get Customer Invoices for the specified criteria. Customer Invoice data includes Customer Invoice ID, Submit Flag, Locked in Workday Flag, Document Number, Company, Currency, Customer, Document Date, Due Date Override, Control Total Amount, Payment Terms, Hold from Payment Flag, Document Received, Reference, PO Number, Memo, Attachment and Customer Invoice Line data. Line data includes Intercompany Affiliate, Sales Item, Revenue Category, Quantity, Unit Cost, Extended	Revenue Management

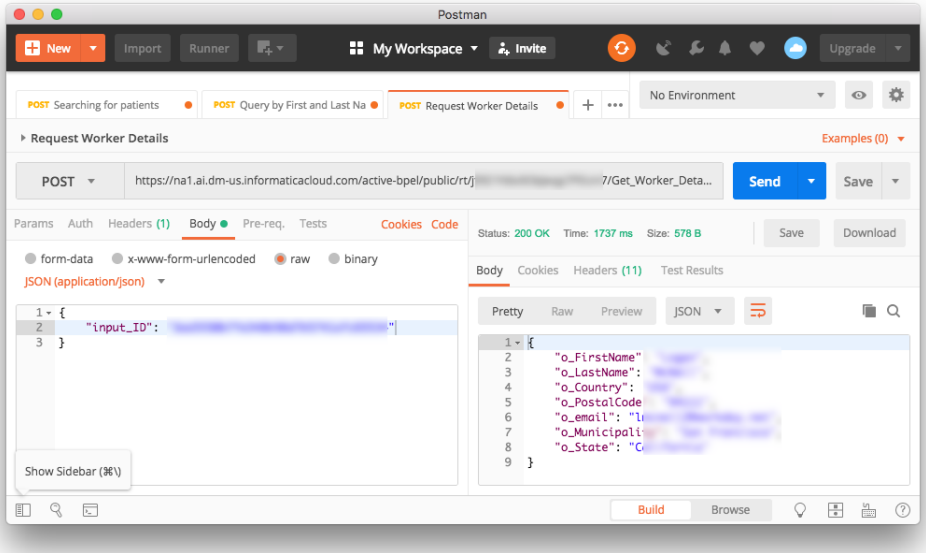
	Amount, Line Memo and Worktags. The request criteria can be for a single transaction based on Reference, or all transaction can be retrieved if no criteria is specified.	
GetInvoiceEvent		Revenue Management
And many more...		

Use case – Retrieve Worker Details by Worker ID (WID):

The “GetWorkerDetails” action within the Human Resources service requires two inputs, “id” and “type”. This sample process is invoked with a valid WorkerID as an input (input_id), and an input_type of “WID”, which specifies that this is a search by Worker ID. Detailed information on the worker with that ID is returned. The necessary Workday user and organization information is provided in the Workday Connection.



This is what it would look like within Postman.


Postman
New
Import
Runner
My Workspace
Invite
Upgrade
POST Searching for patients
POST Query by First and Last Na
POST Request Worker Details
No Environment
Request Worker Details
Examples (0)
POST
https://na1.ai.dm-us.informaticacloud.com/active-bpel/public/rt/j
7/Get_Worker_Deta...
Send
Save
Params
Auth
Headers (1)
Body
Pre-req.
Tests
Cookies
Code
form-data
x-www-form-urlencoded
raw
binary
JSON (application/json)
{
"input_ID":
}
Show Sidebar (⌘\)
Status: 200 OK
Time: 1737 ms
Size: 578 B
Save
Download
Body
Cookies
Headers (11)
Test Results
Pretty
Raw
Preview
JSON
{
"o_FirstName"
"o_LastName":
"o_Country":
"o_PostalCode
"o_email":
"o_Municipali
"o_State":
}
Build
Browse

Quick Setup:

1. Download the Workday Connector Package from the Informatica CAI GitHub Repository.

2. Import the “Workday Service Connector Package 1018.zip” package into your CAI workspace.

3. This creates a project named “Workday”, with 3 assets in it.
    a. "Workday API" Service Connector
    b. “Workday-API-actions” Connection
    c. “Get Worker Details” Process

4. Go to the “Workday” project

5. Publish the "Workday API" Service Connector

6. Open the “Workday-API-actions” Connection
    a. Under Connection Properties, enter the necessary information. Note that once you enter values, those fields will be displayed as bullets. ••••• That is because the fields have been defined as being encrypted in the service connector.

        I. Username - required for the “Get Worker Details” Process
        II. Password - required for the “Get Worker Details” Process
        III. RevUsername - not necessary for this example
        IV. RevPassword - not necessary for this example
        V. TenantName - required
        VI. InstanceName - required

    b. Save the Connection

    c. Publish the Connection

7. Publish the “Get Worker Details” Process

8. Test the “Get Worker Details” process in your REST tool of choice (Postman, RESTed, etc.) We’ll use Postman here.

    a. Create a new request.
    b. Define a POST operation.
    c. The Request URL is the Service Address from the just-published “Get Worker Details” process
        i. Actions-> Properties Detail…-> Service URL-> Copy
    d. The request body is of type “application/json”

e. Specify your input search variables:

```
{
 “input_id”: “<the worker id that you want to search for>”,
“input_type”: “WID”
}
```

f. Invoke the operation (“Send”, in the case of Postman)

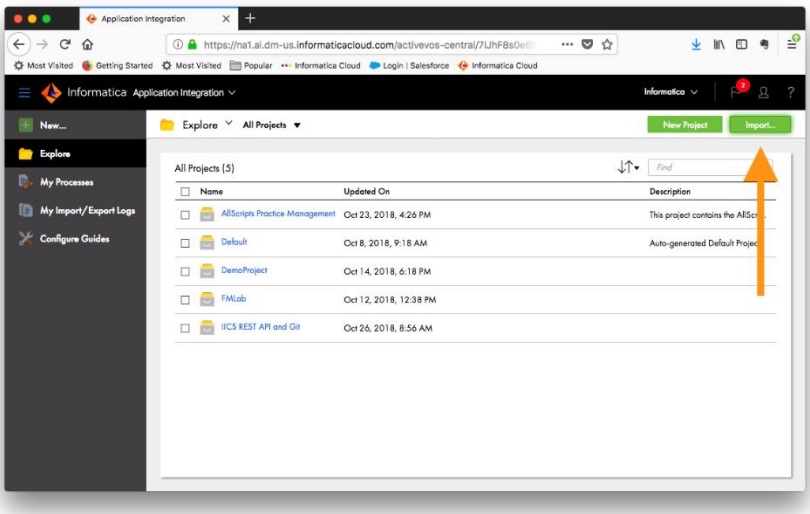
g. Assuming there are worker records in your system that match the WID value provided, you should receive a response that looks like this.

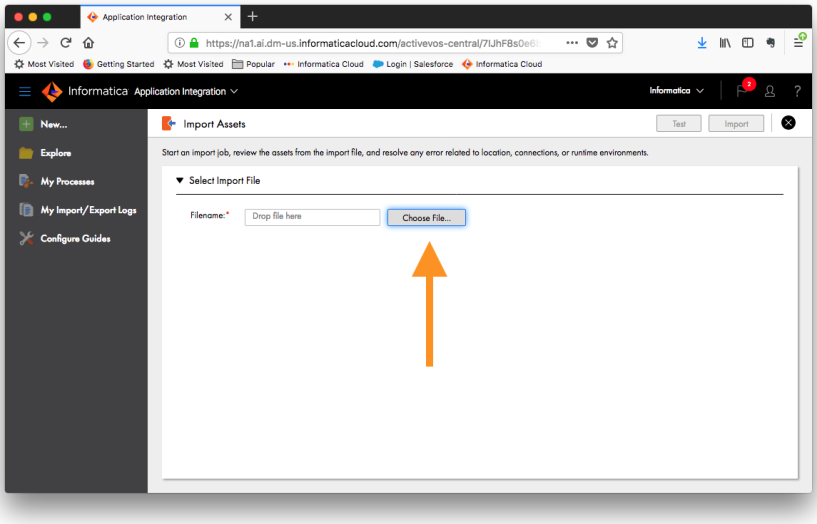
```
{
"o_FirstName": "John",
"o_LastName": "Doe",
"o_Country": "USA",
"o_PostalCode": "12345",
"o_email": jdoe@mymail.net,
"o_Municipality": "San Francisco",
"o_State": "California"
}
```

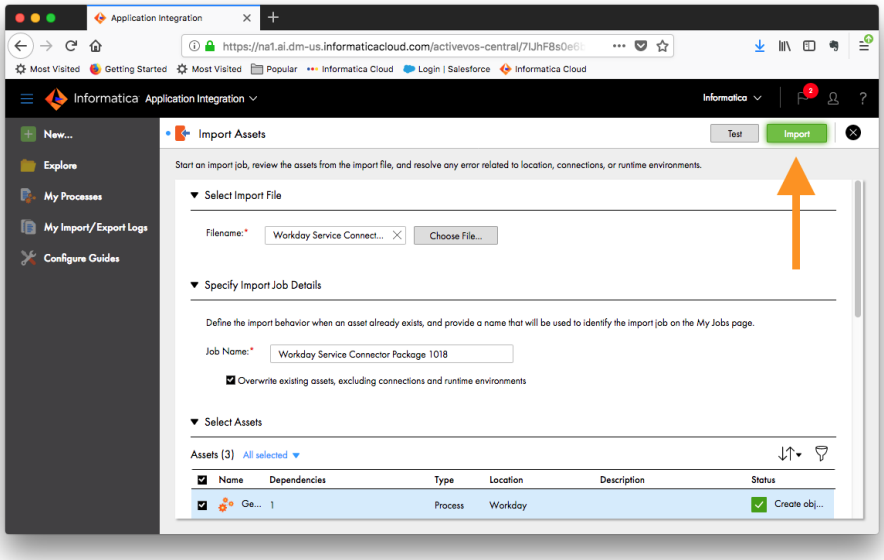
Detailed Setup:

1. Download the Workday Connector Package from the Informatica CAI GitHub Repository.

2. Import the “Workday Service Connector Package 1018.zip” package into your CAI workspace.







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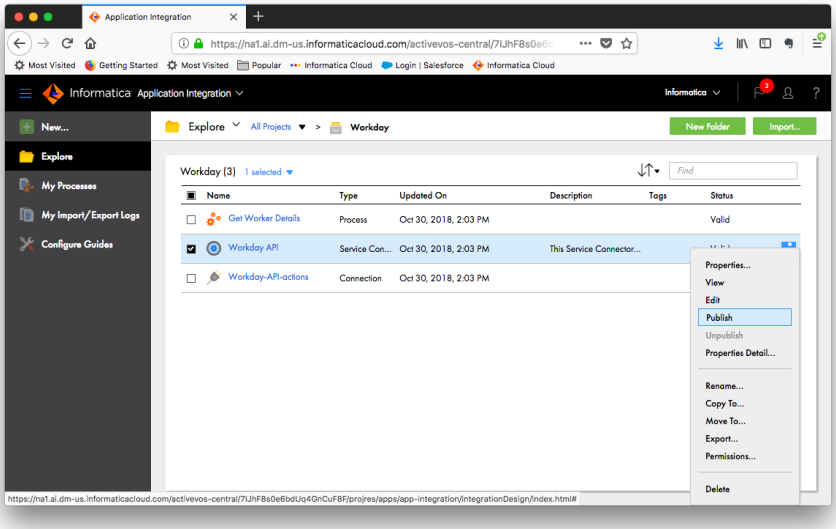
4. Go to the “Workday” project

5. Publish the "Workday API" Service Connector



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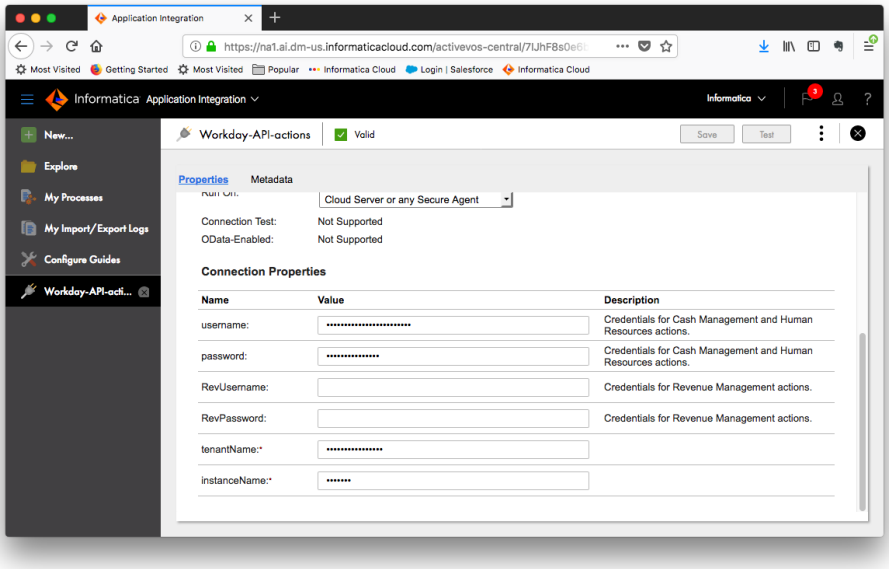
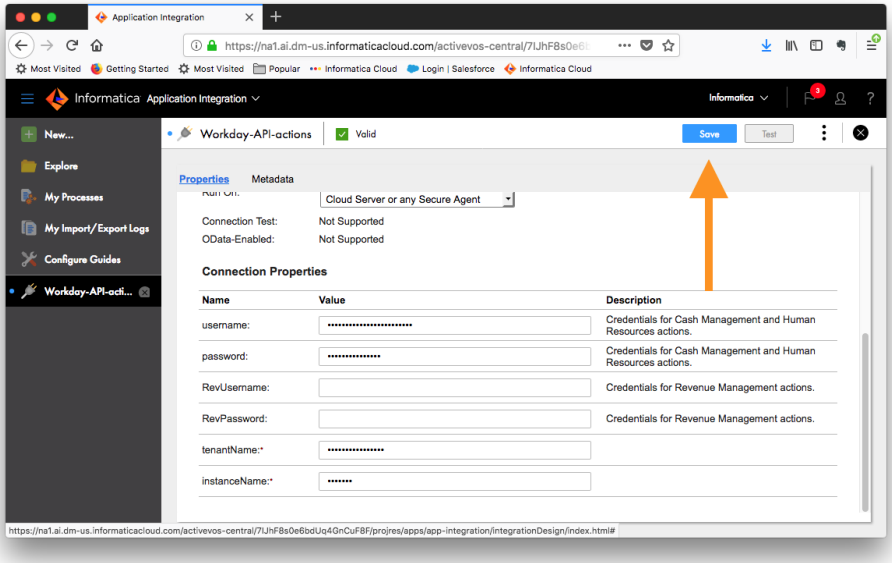
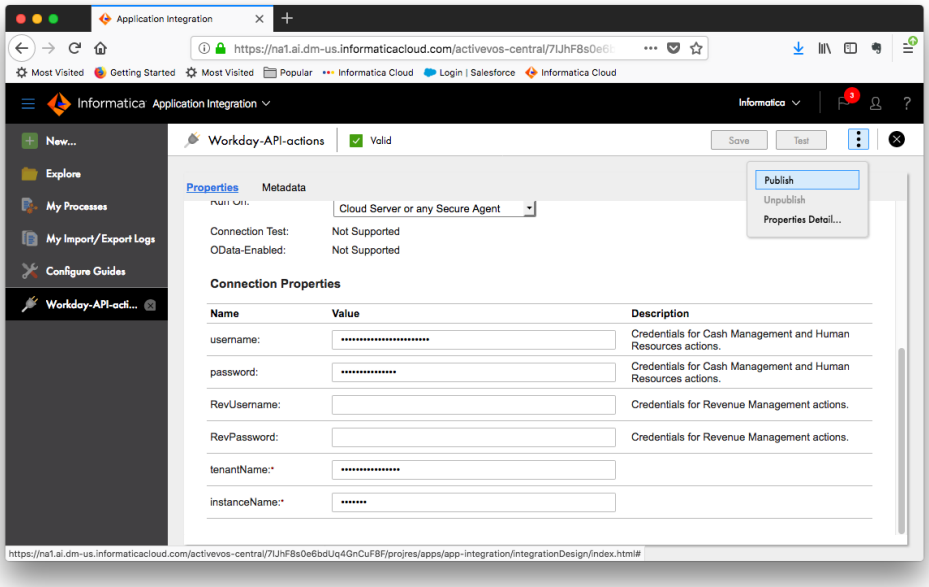


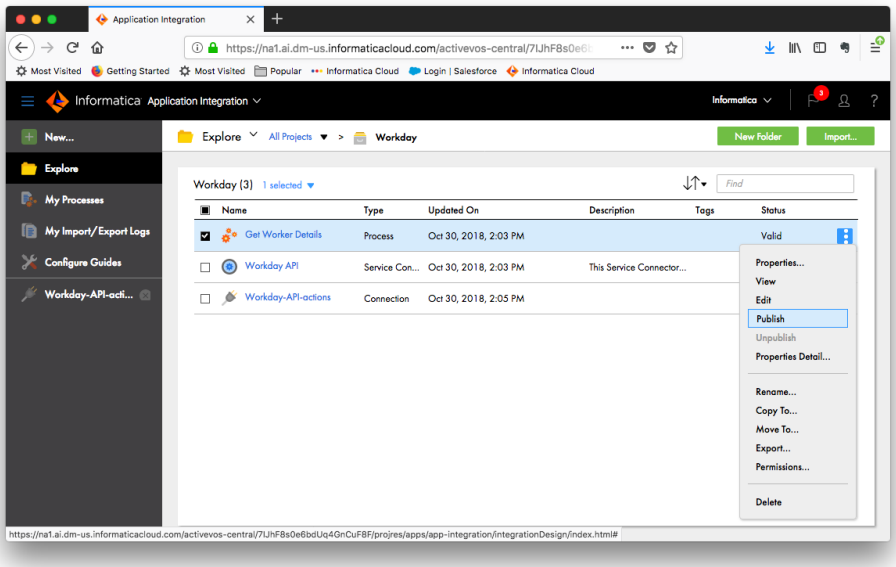
b. Save the Connection



c. Publish the Connection



7. Publish the “Get Worker Details” Process



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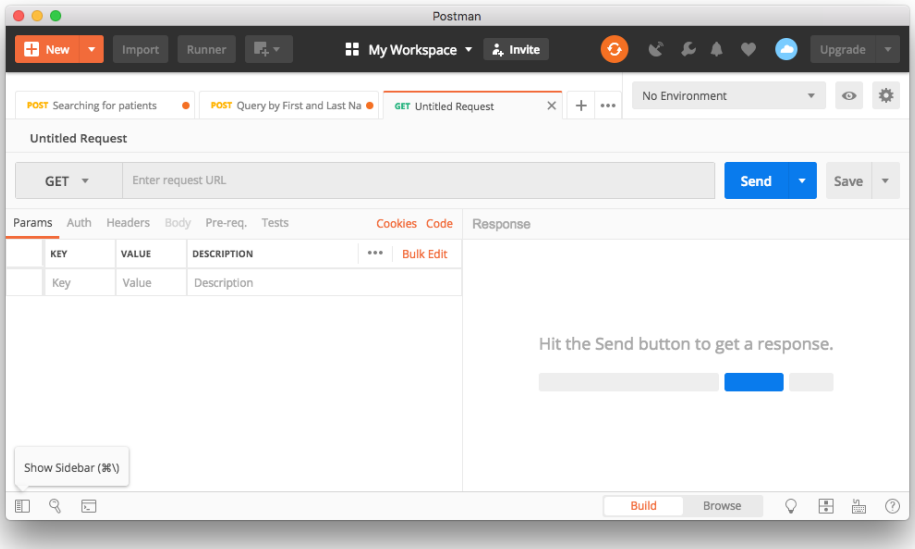
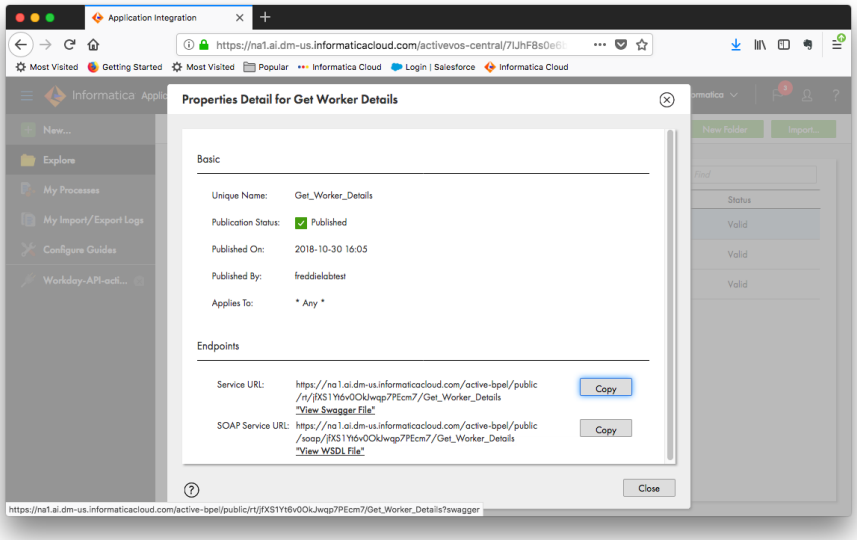


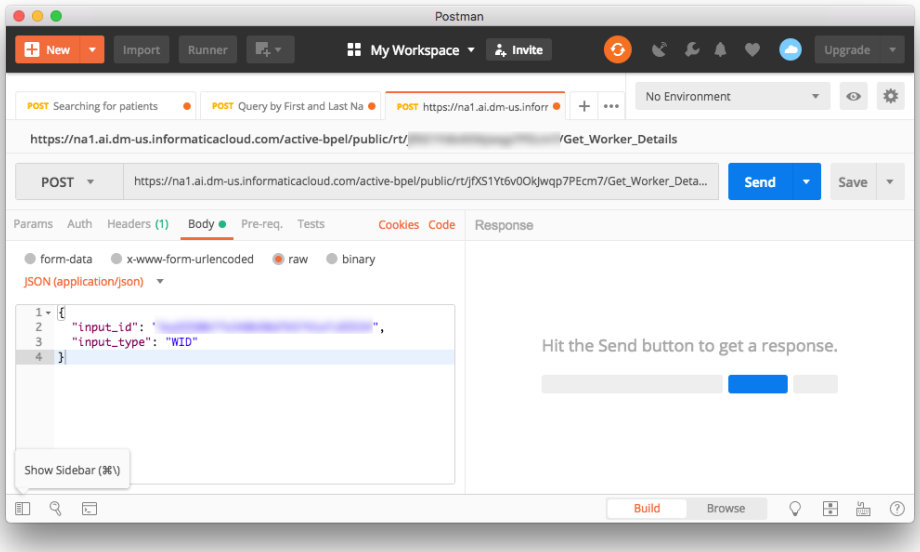
    b. Define a POST operation.
    c. The Request URL is the Service Address from the just-published “Get Worker Details” process

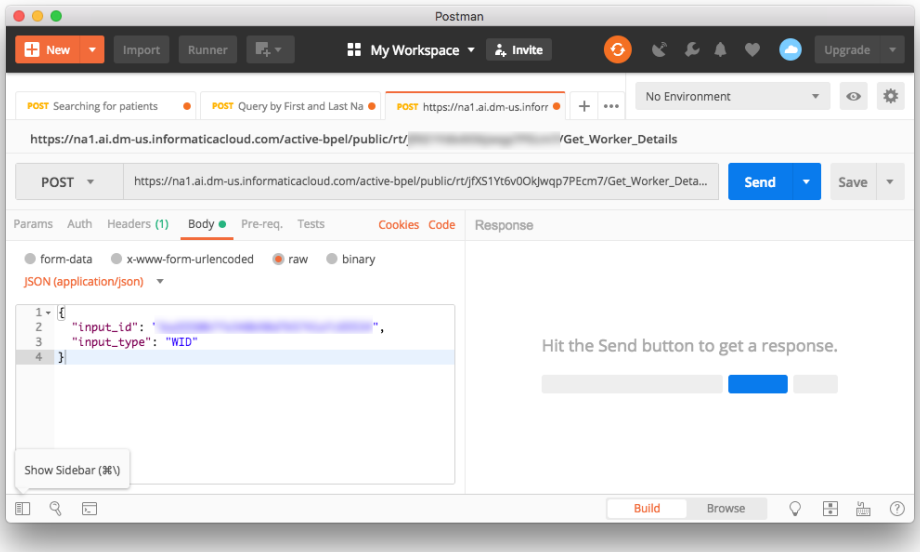
i. Actions-> Properties Detail…-> Service URL-> Copy

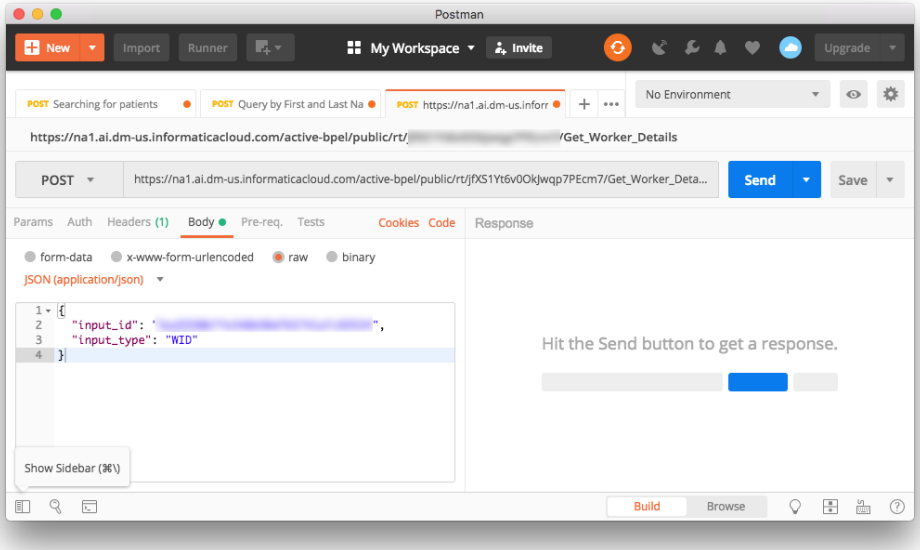


d. The request body is of type “application/json”
e. Specify your input search variables:

```
{
 “input_id”: “<the worker id (WID) that you want to search for>”,
“input_type”: “WID”
}
```







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```
{
"o_FirstName": "John",
"o_LastName": "Doe",
"o_Country": "USA",
"o_PostalCode": "12345",
"o_email": jdoe@mymail.net,
"o_Municipality": "San Francisco",
"o_State": "California"
}
```