Informatica Cloud

Timestamp Connector

September, 2018

Overview:

Generating unique IDs is a common require in API development. The Timestamp Connector package enables Informatica Intelligent Cloud Services (IICS) developers to easily create and use unique identifiers derived from unix timestamps in their Cloud Application Integration (CAI) projects.

Prerequisites:

- Appropriate role/permissions on Informatica Intelligent Cloud Service to perform an IMPORT operation

Use Case: Generate a unique ID for use as a record identifier or locator

The Timestamp connector is a very simple connector. It requires no inputs, and generates a 10-digit integer based on the time the connector is invoked.

The output of this would typically be used as input to any service or process that requires a unique identifier or key.

Quick Setup

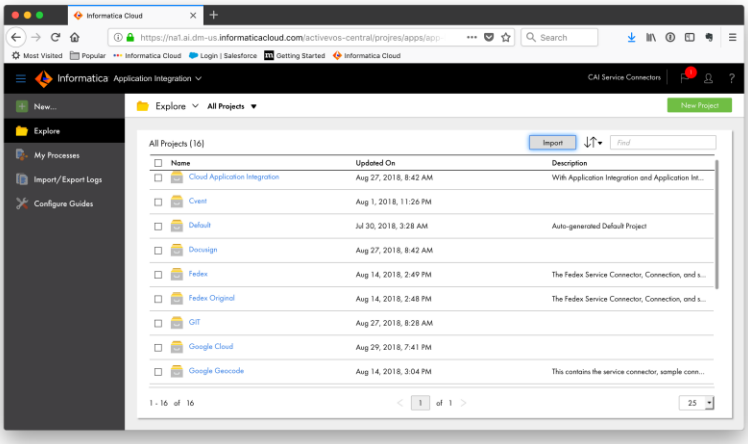
1. Download the TimestampConnectorPackage-0918.zip from Informatica CAI Github Repository.
2. Import the package into your CAI workspace
3. This creates a project named “Timestamp” with three assets.
    a. “Unix Timestamp API” Connector
    b. Unix-Timestamp-API-actions Connection
    c. “Generate an ID from unix Timestamp” Process
4. Save and publish the “Unix Timestamp API” Service Connector
5. Publish the Unix-Timestamp-API-actions Connection
6. Publish the " Generate an ID from unix Timestamp " Process
7. Test the process in your REST tool of choice (Postman, Insomnia, RESTed, etc.)
    a. Define a POST operation
    b. Get the Service Address from the "Generate an ID from unix Timestamp” Process properties
    c. Define the request as type “application/json”
    d. Invoke the operation
    e. Receive a response that looks like this:

```
{
  "Timestamp Output": 1234567890,
```

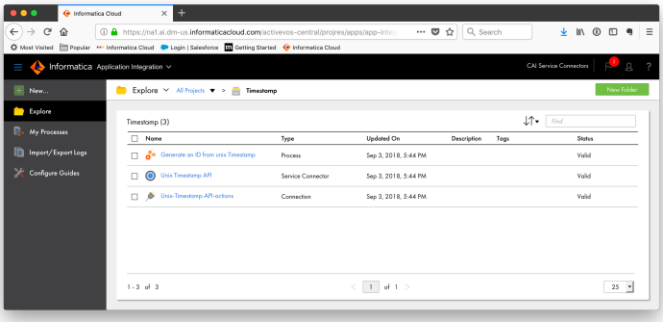
    f. }

Detailed Setup

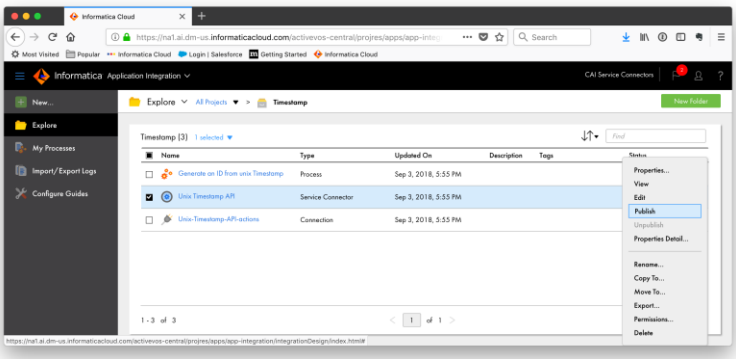
1. Download the TimestampConnectorPackage-0918.zip from Informatica CAI Github Repository.
2. Import the package into your CAI workspace



3. This creates a project named “Timestamp” with three assets.
    a. “Unix Timestamp API” Connector
    b. Unix-Timestamp-API-actions Connection
    c. “Generate an ID from unix Timestamp” Process

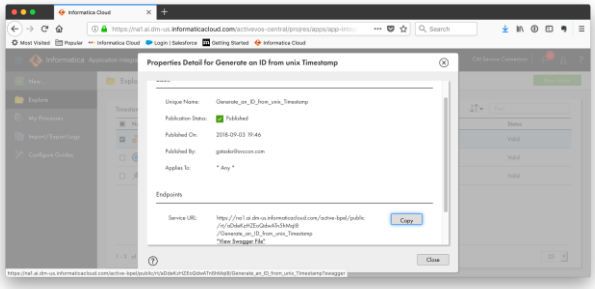


4. Save and publish the Service Connector

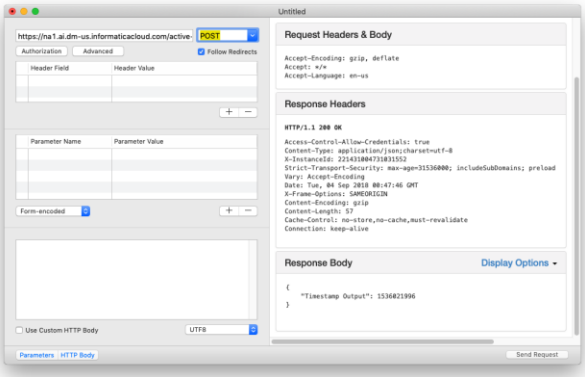


5. Publish the Unix-Timestamp-API-actions Connection
6. Publish the “Generate an ID from unix Timestamp” Process
7. Test the process in your REST tool of choice (Postman, Insomnia, RESTed, etc.)

a. Define a POST operation
b. Get the Service Address from the "Generate an ID from unix Timestamp" properties



c. Define the request as type “application/json”
d. Invoke the operation



e. Receive a response that looks like this:

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