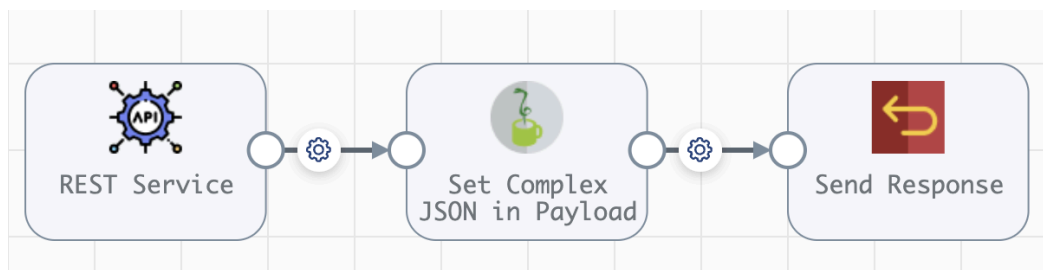


Mocking an API that returns complex, pretty printed JSON

This document describes an example microservice pipeline that can be used to mock an API that returns a complex JSON payload that is pretty printed (i.e. with new-lines and indentation).

The pipeline can be downloaded from [here](#)..

The pipeline looks like this:



The REST Service stage is configured to use Data Collector's API Gateway like this:

General	HTTP	Data Format	TLS	HTTP Response
Use API Gateway	<input checked="" type="checkbox"/>			
Gateway Service Name	<input type="text" value="complex-json"/>			
Require Gateway Authentication	<input type="checkbox"/>			
HTTP Listening Port	<input type="text" value="18630"/>			

See the Jython script in the Set Complex JSON in Payload stage for the implementation details.

One can call the service using `curl` like this:

```
$ curl -X GET \
  http://<SDC-Host>:18630/public-rest/v1/gateway/complex-json \
  -H "Content-Type:application/json"
```

However, the response will have escaped new-lines and quotes. The escaped new-lines and quotes can be replaced by piping the results of `curl` to `sed`, with a combined call like this:

```
$ curl -X GET \
  http://<SDC-Host>:18630/public-rest/v1/gateway/complex-json \
  -H "Content-Type:application/json" \
  | sed 's/\\\\"/"/g;s/\\n\\n/g'
```

This returns a pretty printed JSON payload, like this:

```
$ curl -X GET
http://localhost:18630/public-rest/v1/gateway/complex-json \
> -H "Content-Type:application/json" \
> | sed 's/\\\\"/"/g;s/\\n\\n/g'

{"statusCode":200,"data":[{"{
  "encoding": "UTF-8",
  "maxBatchSize": 200,
  "subjects": [
    {
      "activateable": false,
      "associateEntityType": null,
      "associateParentEntity": null,
      "createable": false,
      "custom": false,
      "customSetting": false,
      "deepCloneable": false,
      "deletable": false,
      "deprecatedAndHidden": false,
      ...
    }
  ]
}]}
```

If one wants to capture the results in a file append '> filename' like this:

```
$ curl -X GET \
  http://localhost:18630/public-rest/v1/gateway/complex-json \
  -H "Content-Type:application/json" \
  | sed 's/\\\\"/"/g;s/\\n\\n/g' > x.json
```