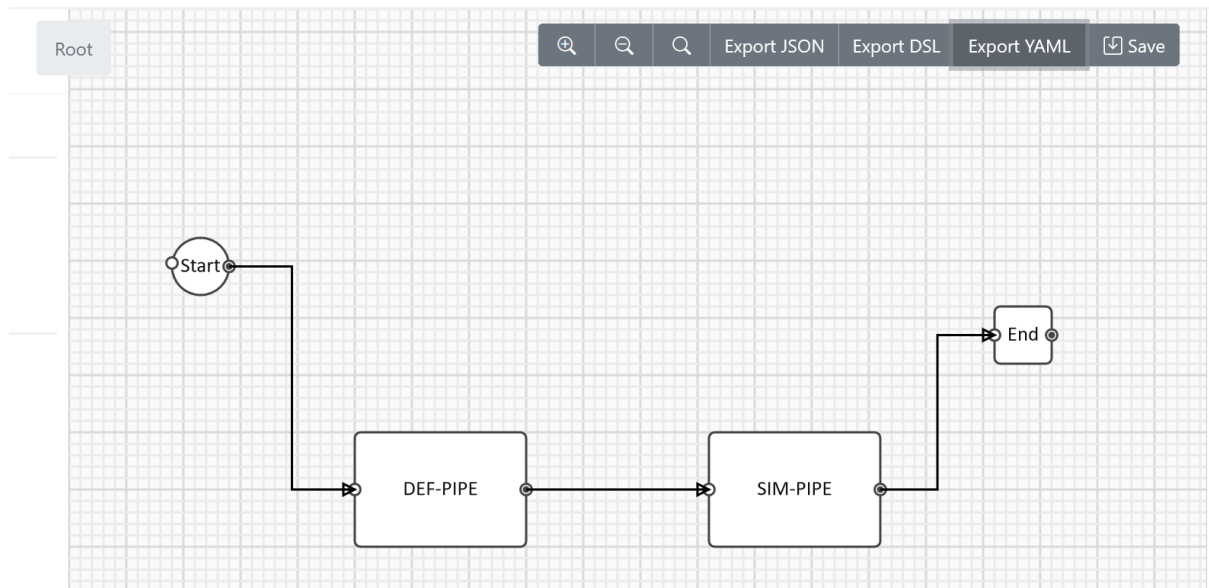


Data cloud evaluation

Ahmad Al Khateeb

1. Screenshot with DEF-SIM-PIPE pipeline graphical view:



- Generated Yaml test is located in the repository <https://github.com/AhmadAddee/-DataCloudEvaluation>
- Protocol of invocation and output in invocation (there is also in the executed program)

Responses

Curl

```
curl -X 'GET' \
  'http://crowdserv.sys.kth.se:8082/api/repo/exporyaml/testuser/DEF-SIM-PIPE' \
  -H 'accept: text/plain'
```

Request URL

http://crowdserv.sys.kth.se:8082/api/repo/exporyaml/testuser/DEF-SIM-PIPE

Server response

Code	Details
200	<p>Response body</p> <pre>{ "data": { "apiVersion": "argoproj.io/v1alpha1", "kind": "Workflow", "metadata": { "generateName": "def-sim-pipe", "namespace": "nspec", "entrypoint": "main-workflow", "templates": { "main-workflow": { "dag": { "tasks": { "task-1": { "name": "task-1", "template": "def-pipe", "dependencies": ["task-2"] }, "task-2": { "name": "task-2", "template": "sim-pipe", "dependencies": ["task-1"] } } } }, "def-pipe": { "image": "yilinchang/def-pipe-gke", "command": ["sh", "-c"], "args": ["echo 'Echoing the envParam MQ_HOST: \$MQ_HOST'", "echo 'Echoing the envParam MQ_PORT: \$MQ_PORT'", "echo 'Echoing the envParam MQ_USERNAME: \$MQ_USERNAME'", "echo 'Echoing the envParam MQ_PASSWORD: \$MQ_PASSWORD'"], "env": { "MQ_HOST": "\${HOST}", "MQ_PORT": "\${PORT}", "MQ_USERNAME": "\${MQ_USERNAME}", "MQ_PASSWORD": "\${MQ_PASSWORD}" } }, "sim-pipe": { "image": "sinteff/sim-pipe", "command": ["sh", "-c"], "args": ["echo 'Echoing the envParam MQ_HOST: \$MQ_HOST'", "echo 'Echoing the envParam MQ_PORT: \$MQ_PORT'", "echo 'Echoing the envParam MQ_USERNAME: \$MQ_USERNAME'", "echo 'Echoing the envParam MQ_PASSWORD: \$MQ_PASSWORD'"], "env": { "MQ_HOST": "\${HOST}", "MQ_PORT": "\${PORT}", "MQ_USERNAME": "\${MQ_USERNAME}", "MQ_PASSWORD": "\${MQ_PASSWORD}" } } } } }, "success": true, "errorMessage": null }</pre> <p>Response headers</p> <pre>content-length: 1625 content-type: application/json; charset=utf-8 date: Mon, 04 Dec 2023 15:21:53 GMT server: Kestrel</pre>

Responses

Code	Description	Links
200	DSL formatted pipeline	No links

Media type

text/plain

Responses

Code	Description	Links
200	DSL fromated pipeline	No links

Media type

Controls Accept header

Example Value | Schema

```
{
  "success": true,
  "errorMessage": "string"
}
```

- Code is in the repository <https://github.com/AhmadAddee/-DataCloudEveluation>
- When executing the program, use this url-method from Postman to get the data:

GET

- Data from Postman:

GET **Send**

Params Auth Headers (7) Body Pre-req. Tests Settings

Query Params

Key	Value	Description
Key	Value	Description

Body

200 OK 181 ms 1.84 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "data": { "apiVersion": "argoproj.io/v1alpha1", "kind": "Workflow", "metadata": {
3     "generateName": "def-sim-pipe", "namespace": "entrypoint: main-workflow",
4     "templates": {
5       "name": "main-workflow", "dag": {
6         "tasks": {
7           "name": "task-1", "template": "def-pipe",
8           "dependencies": ["task-1"]
9         },
10        "template": "sim-pipe", "name": "def-pipe",
11        "container": {
12          "image": "yllinchang/def-pipe-gke", "command": ["sh", "-c"],
13          "args": ["echo 'Echoing the envParam MQ_HOST: $MQ_HOST'\n&& echo 'Echoing the envParam MQ_PORT: $MQ_PORT'\n&& echo 'Echoing the envParam MQ_USERNAME: $MQ_USERNAME'\n&& echo 'Echoing the envParam MQ_PASSWORD: $MQ_PASSWORD'\n\nenv:\n  - name: MQ_HOST\n    value: \"HOST1\"\n  - name: MQ_PORT\n    value: \"PORT1\"\n  - name: MQ_USERNAME\n    value: \"def-pipe\"\n  - name: MQ_PASSWORD\n    value: \"***\"\n\n  - name: sim-pipe\n    container: {
14      "image": "sintef/sim-pipe", "command": ["sh", "-c"],
15      "args": ["echo 'Echoing the envParam MQ_HOST: $MQ_HOST'\n&& echo 'Echoing the envParam MQ_PORT: $MQ_PORT'\n&& echo 'Echoing the envParam MQ_USERNAME: $MQ_USERNAME'\n&& echo 'Echoing the envParam MQ_PASSWORD: $MQ_PASSWORD'\n\nenv:\n  - name: MQ_HOST\n    value: \"HOST1\"\n  - name: MQ_PORT\n    value: \"PORT1\"\n  - name: MQ_USERNAME\n    value: \"SIM-PIPE\"\n  - name: MQ_PASSWORD\n    value: \"***\"\n\n}],
16      "success": true,
17      "errorMessage": null
18    }
19  }
20 }
```