Controlling the Lifecyle of a Reactor Application

Exercise Objectives

In this exercise, you will:

- Control the example application's lifecycle
- Start and stop Flows and Procedures
- Deploy the example application
- Truncate an existing DataSet

Exercise Steps (1 of 2)

Stop the `analysis` Flow (or another Procedure, MapReduce job) associated with the application:

```
curl -o /dev/null -sL -w "%{http_code}\\n" -X POST
  http://localhost:10000/v2/apps/SentimentAnalysisApp/flows/analysis/stop
```

Using a similar `curl` command, stop the `sentiment-query` procedure

Now deploy the app using a `curl` command, executed from the directory where you are building the application:

```
curl -o /dev/null -sL -w "%{http_code}\\n" -H "X-Archive-Name: SentimentAnalysisApp"
  -X POST http://localhost:10000/v2/apps
  --data-binary @target/SentimentAnalysis-1.0-SNAPSHOT.jar
```

Exercise Steps (2 of 2)

Re-use the previous commands to start the `analysis` Flow and `sentiment-query` Procedure

Use a DataSet command to truncate the two tables in the example; the command is of the form:

```
POST <base-url>/datasets/<dataset-name>/truncate
```

Exercise Summary

You should now be able to:

- Control an application's lifecycle using external commands
- Start and stop Flows and Procedures
- Deploy applications
- Truncate an existing DataSet

Exercise Completed

Chapter Index