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LAB- Understanding classloading and Using shared flows

Create new mule project with name 01-shared-flows-app

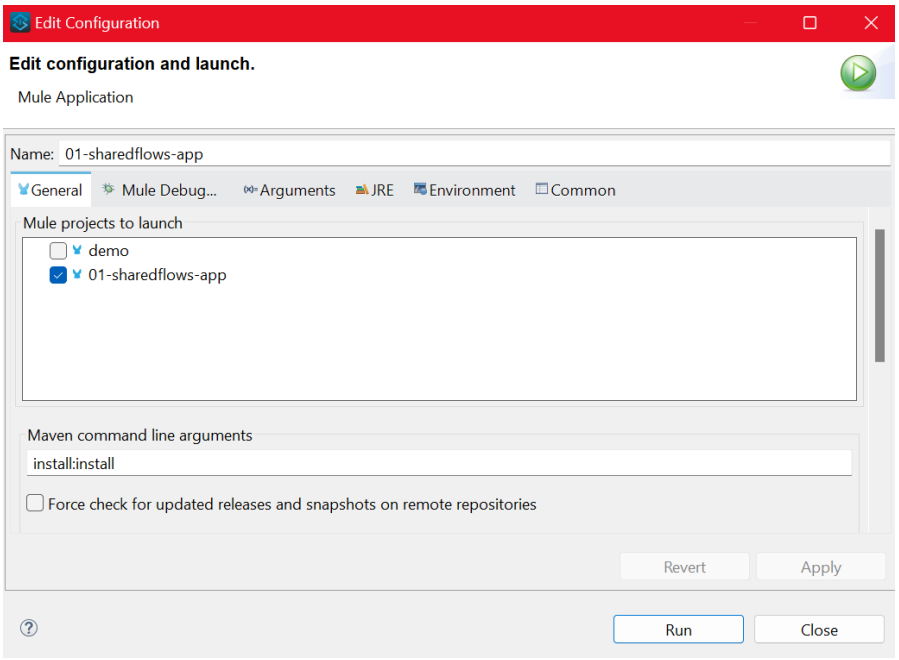
Create a flow with logger and configure logger to log “this is from a shared flow”

Rename the flow as “mysharedflow”

We want to reuse this flow in other applications. So, we should build this app as a plugin and install this in local maven repository so that we can plugin this app inside other apps

Right click on the project and select Run as “Mule Application Configure”

Under Maven command line arguments, give install:install as shown below



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Once application starts, stop it.

Go to .m2 folder under you user directory (c:\\Users\\{your username} in windows).

See that .m2/repository/com/mycompany/01-shared-flows-app /1.0.0.SNAPSHOT/01-shared-flows-app -1.0.0-SNAPSHOT-mule-plugin.jar is created

Now, we will be able to add this jar as dependency in any other project.

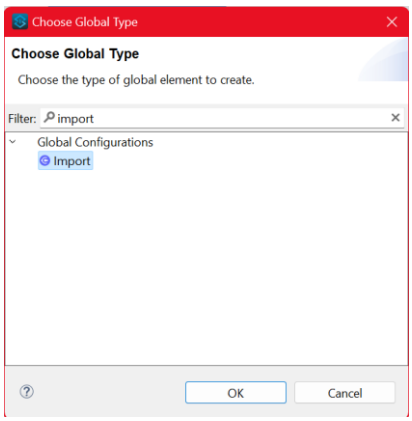
Create another mule application with name “01-using-shared-flows-app”

Open pom.xml and add a dependency as shown below:

```
<dependency>
      <groupId>com.mycompany</groupId>
      <artifactId>01-sharedflows-app</artifactId>
      <version>1.0.0-SNAPSHOT</version>
      <classifier>mule-plugin</classifier>
</dependency>
```

Create a Flow with Http listener listenening at 8081 and path /test

Click on Global elements at the bottom, click on Create and select import under Global Configuration as shown below



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Give the file name as 01-sharedflows-app.xml (or what ever is the file name in the shared flows application).

Drag a flow reference at the end of the flow. You should be able to select “mysharedflow”

Run the application, give the request to flow and observe that logs from shared flow is seen in the logs

Congratulations you understood how to invoke shared flows in another mule application