



## LAB- MEL Basics

In this lab, you will be working on **02-mel-start** project

In this lab you will understand

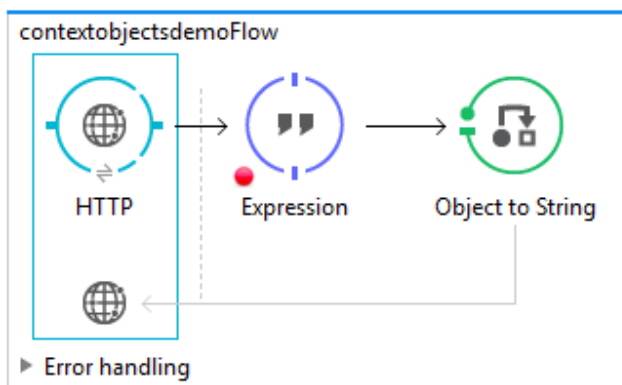
- a) How to use expression component
- b) How to use context objects in MEL
- c) Using Parse template and xpath3 expressions

### STEP 1

1) Under src/main/app , create a new Mule configuration file with name **contextobjectsdemo.xml**

2) Drag Http Listener and configure it for `http://localhost:8081/context` .

3) Drag expression component and object to string transformer as shown below :



4) Configure Expression component with the following expression :

```
payload= 'IP is ' + server.ip+ ' <br/> Temp Directory ' +server.tmpDir+ ' <br/> Application Name ' +app.name+'<br/> Mule Home Directory ' +mule.home
```

5 ) Now run as Mule Application.

6) Go to browser and give request to following URL : `http ://localhost:8081/ context`

**Congratulations !! You understood how to use MEL context objects**

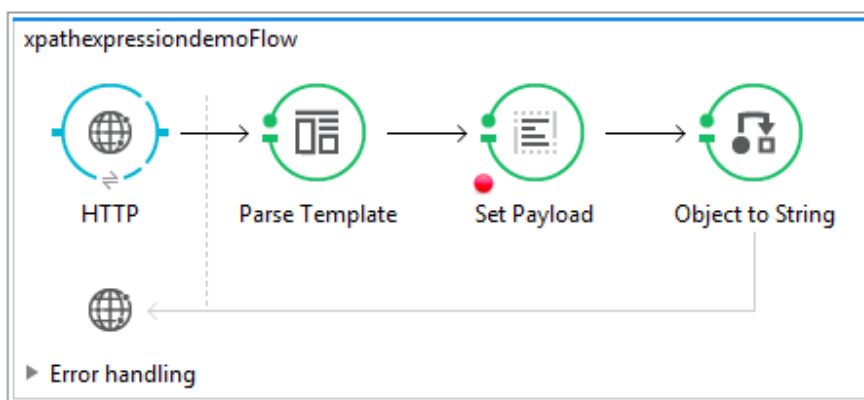


## STEP 2

In this step we want to load an xml using parse template and want to use xpath

1) Under src/main/app , create a new Mule configuration file with name **xpathexpressiondemo.xml**

2) Drag components as shown below :



3) Configure ParseTemplate to load users.xml in src/main/resources . Open users.xml and see it.

4) Inside SetPayload transformer, write expression such that it will print first user name.

5) Run the flow and give a request. Check if name is displayed or not.

**Congratulations! you know how to use parse template and write xpath expression.**



**This is the end of the Exercise**