**UCD HANDS ON TRAINING**

**Start UCD Server :**

Login to the Desktop with your credentials ( or with user “.\temp” and Password as “Pass1234”)

Go to D:\ibm-ucd\server\bin and execute the file “run\_server” to start the UCD server. ( This will start the UCD server in command prompt and don’t close the command window)

Browse <https://localhost:8443> and login with username “admin” and password “admin” to access UCD environment.

**Start UCD Agent :**

Login to the Desktop with your credentials ( or with user “.\temp” and Password as “Pass1234”)

Go to D:\ibm-ucd\agent\bin and execute the file “run\_agent” to start the UCD Agent. ( This will start the UCD agent in command window and don’t close it)

Go to Resource 🡪 Agents in the UCD server and check the agent is showing online.

-----------------------------------------------------------------------------------------------------------------------------------------

**Component :**

Click on Component 🡪 Create and create a new component and provide the details as below..

**Config:**

Component Name : Some unique component name

Source Config : Github

Git url : <https://github.com/dine373/ucdsample.git>

Branch : master

Click on Okay to create component

**Version**:

Import new versions using component 🡪 version 🡪 import versions.. specify the name of the version as V1.

**Process design :**

1.Click on Component 🡪 Process 🡪 Create New process to create a new process called download

In the left panel of the process design , search for download and drag the download artifact step to the process design. Provide the details Required for download artifact step ( Location : D:\buildsample\ ) and save it.

2.Similarly create a component process called executing shell script using shell script step in plugins and provide the details Required for Shell script step ( Working directory D:\buildsample\ and Script : Name of the shell script file eg. /bin/bash script.sh )and save it.

**Base Resource Mapping :**

Go to Resource 🡪 Create Base Resource and create a new base resource and then add your agent (Localagent) to the base resource by selecting the Add Agent in the Action drop down list shown Right of your created base resource. Then map your component to the Agent similarly by selecting the add component in the action drop down list on your Agent.

The Structure of your top level resource looks like

Base Resource

Agent

Component

**Application :**

1. Add your component to the application by Application🡪Component🡪Add component

**Application Process :**

1. Create Application process step by Application 🡪 Process🡪 create new process and select install component in the left panel and select your first component process design ( Download ) and then again drag one more install component and select your component process design ( Execute shell script ) and then save it.

**Environment :**

1. Create a new Environment by selecting Application-> Create new Environment and save it.
2. Add your Base resource to the Environment .

Now you can execute the Application process using Application🡪 Click on the play button on the selected environment and provide the details of your Application process and version.

Linux Agent installation Details :

IP : 10.102.17.61

User : user1

Passwd : Welcome@1234

JavaHome : /tmp/java/jdk1.8.0\_161

Agent path : Unique path in /tmp/practise/<name>/agent/

Tmp path : Unique path in /tmp/practise/<name>/tmp

--------------------------------------------------------------------------------------------------------------------------------------