

EXERCISE -- (INTRODUCTION TO AEM)

Q.1) Open AEM in debug mode.

Answer : To open AEM in debug mode we use the command written below,

```
java -jar cq-quickstart-6.4.0.jar -debug portNo
```

Q.2) How to identify if AEM is Publish or Author?

Answer : To identify whether AEM is publish or author, we use the following command,

```
<%pageContext.setAttribute("runModes",sling.getService(SlingSettingsService.class).getRunModes().toString());%>
```

Q.3) Where are all the bundles installed in AEM resides in system? Search for bundle “com.adobe.granite.ui.clientlibs” and decompile it.

Answer : All the bundles in our system reside at :

/home/ttn/AEM/author/crx-quickstart/launchpad/felix/bundle

“Com.adobe.granite.ui.clientlibs” resides at :

/home/ttn/AEM/author/crx-quickstart/launchpad/felix/bundle267/version0.0

Q.4) How can we specify in the command line the ‘port’ and ‘host’ while installing the project.

Answer : we can specify the port and host in command line by appending Daem.host and port number in command,

```
mvn clean install -PautoInstallPackage -Daem.host=localhost  
-Daem.port=4502
```

Q.5) Why do we specify SNAPSHot in the project version?

Answer : **Snapshot** is a special version which indicates the current development copy of the project which is being worked on. For each build, maven always checks out for a SNAPSHOT of the project.

Hence, whenever maven finds a newer SNAPSHOT of the project, it downloads and replaces the older .jar file of the project in the local repository.