

Introduction To AEM

1. Open AEM in debug mode

solution:

```
java -jar cq-quickstart-6.4.0.jar -fork -forkargs -- -Xdebug  
-Xrunjdwp:transport=dt_socket,address=59865,suspend=n,server=y -Xmx1520m -XX:MaxPermSize=512m  
-XX:-UseSplitVerifier
```

Q2). Where are all the bundles installed in AEM resides in system? Search for bundle “com.adobe.granite.ui.clientlibs” and decompile it.

Solution:

```
1.<%  
pageContext.setAttribute("runModes",  
sling.getService(SlingSettingsService.class).getRunModes().toString());  
%>
```

```
2.DeliveryHttpServletRequest cqRequest =  
(DeliveryHttpServletRequest) request;  
  
boolean isAuthor =  
!cqRequest.getCmsService().getDisplayControlSet(cqRequest).equals  
(DisplayControlSet.SHOW)
```

Q3).— Where are all the bundles installed in AEM resides in system? Search for bundle “com.adobe.granite.ui.clientlibs” and decompile it.

Solution:/home/ttn/AEM 6.4/author/crx-quickstart/launchpad/felix/bundle267

Adobe Experience Manager Web Console

Bundles

Main OSGi Sling Status Web Console Log out

Bundle information: 546 bundles in total - all 546 bundles active

com.adobe.granite.ui.clientlibs x Apply Filter Filter All

Reload Install/Update... Refresh Packages

Id	Name	Version	Category	Status	Actions
269	Adobe Granite UI Clientlibs - Google Closure Compiler (com.adobe.granite.ui.clientlibs.processor.gcc)	1.0.8	adobe.granite	Active	
268	Adobe Granite UI Clientlibs - Less Compiler (com.adobe.granite.ui.clientlibs.compiler.less)	1.0.6	granite	Active	
267	Adobe Granite UI Clientlibs (com.adobe.granite.ui.clientlibs)	1.0.76	adobe.granite	Active	

x Apply Filter Filter All

Reload Install/Update... Refresh Packages

Bundle information: 546 bundles in total - all 546 bundles active

Q4). How can we specify in the command line the ‘port’ and ‘host’ while installing the project.

Solution:

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

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

Solution : 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.