

## 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)
```

3.



**Adobe Experience Manager Web Console**  
**Sling Settings**

Main OSGI Sling Status Web Console Log out

Date: March 27, 2019 at 5:35:07 PM IST Download As Text Download As Zip Download Full Text Download Full Zip

Apache Sling Settings

Sling ID = b6b3459d-8998-404b-8159-c954cb2c101f  
Sling Name = Instance b6b3459d-8998-404b-8159-c954cb2c101f  
Sling Description = Instance with id b6b3459d-8998-404b-8159-c954cb2c101f and run modes [s7connect, crx3, author, samplecontent, crx3tar]  
Sling Home = /home/ttn/AEM 6.4/author/crx-quickstart  
Sling Home URL = file:/home/ttn/AEM%206.4/author/crx-quickstart/  
Run Modes = [s7connect, crx3, author, samplecontent, crx3tar]

**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

✖

Apply Filter

Filter All

Reload

Install/Update...

Refresh Packages

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

✖

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.