AEM 6.5 Local Installation Guide

Feng Xiao  
  
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# Install Oracle JDK 11

Before installing AEM 6.5, JDF 11 is required to be installed on the computer.

You can download JDK 11 from <https://www.oracle.com/java/technologies/javase/jdk11-archive-downloads.html>

For MacOS, you can download this installer:



After JDK 11 is installed, use command ‘Java -version’ to verify:

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Reference Link: <https://experienceleague.adobe.com/docs/experience-manager-65/deploying/introduction/technical-requirements.html>

# Install Maven 3.3.9 or newer

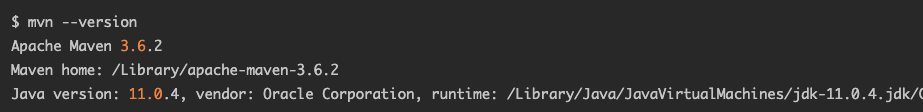
Apache Maven will be required to build and deploy source code to AEM 6.5 instance. The latest version of Maven can be download from <https://maven.apache.org/download.cgi> . You can download ‘Binary tar.gz archive’ file from above page.

The below command extracts the downloaded .tar.gz file to the current user’s home directory ~

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Open up a command line terminal. Verify that Maven is installed:



Next, you need to setup maven settings in order to download Adobe/AEM related artifacts:

Please follow the instructions here: <https://helpx.adobe.com/experiencemanager/kb/SetUpTheAdobeMavenRepository.html>

Last, verify that the **adobe-public** profile is active by running the following command:

$ mvn help:effective-settings

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# Install AEM 6.5

AEM 6.5 can be downloaded from: <https://perficient-my.sharepoint.com/:f:/p/feng_xiao/EummRhUAQ35GvuO5iaDMIgABWe0aCYj6mef4JAwr9PLa_g?e=0W2jwy>

You can get the AEM 6.5 Installer, Service Pack 11 and license file from above location.

Create a folder under called ‘AEM’ under your default user location, for example: */Users/<firstNmae.lastName>/AEM*

Create a folder called ‘*Author’* under above folder.

Copy ‘*cq-quickstart-6.5.0.jar*’ and ‘*license.properties’* file to the */Users/<firstNmae.lastName>/AEM/Author* folder

Rename the ‘*cq-quickstart-6.5.0.jar*’ to ‘*aem-author-p4502.jar’*

Open a command window and go to */Users/<firstNmae.lastName>/AEM/Author*

Execute command ‘*java -jar aem-author-p4502.jar*’ to start install the AEM 6.5.

During installation, you need to provide administrator account information, you can use ‘*admin*’ as username, and use ‘*admin*’ as its password. The installation will take several minutes. After the installation finish, an AEM 6.5 login page will be displayed automatically in your default browser. You can login with the administrator account: *admin / admin*

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# Install Service Pack 11

From browser, go to <http://localhost:4502/crx/packmgr/index.jsp>, and click ‘Upload Package’:

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Click the ‘Browse…’ button and select the *aem-service-pkg-6.5.11.zip* file you downloaded in last step.

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Click the ‘install’ button to install the AEM service pack.

# (Optional) Set AEM debug port

Reference:   
<https://helpx.adobe.com/experience-manager/kb/CQ5HowToSetupRemoteDebuggingWithEclipse.html>

# (Optional) Install IDE for local AEM development

Reference:  
<https://experienceleague.adobe.com/docs/experience-manager-learn/foundation/development/set-up-a-local-aem-development-environment.html?lang=en>

# (Optional) Install ‘repo’ Tool

Reference:

<https://experienceleague.adobe.com/docs/experience-manager-64/developing/devtools/aem-repo-tool.html?lang=en>