

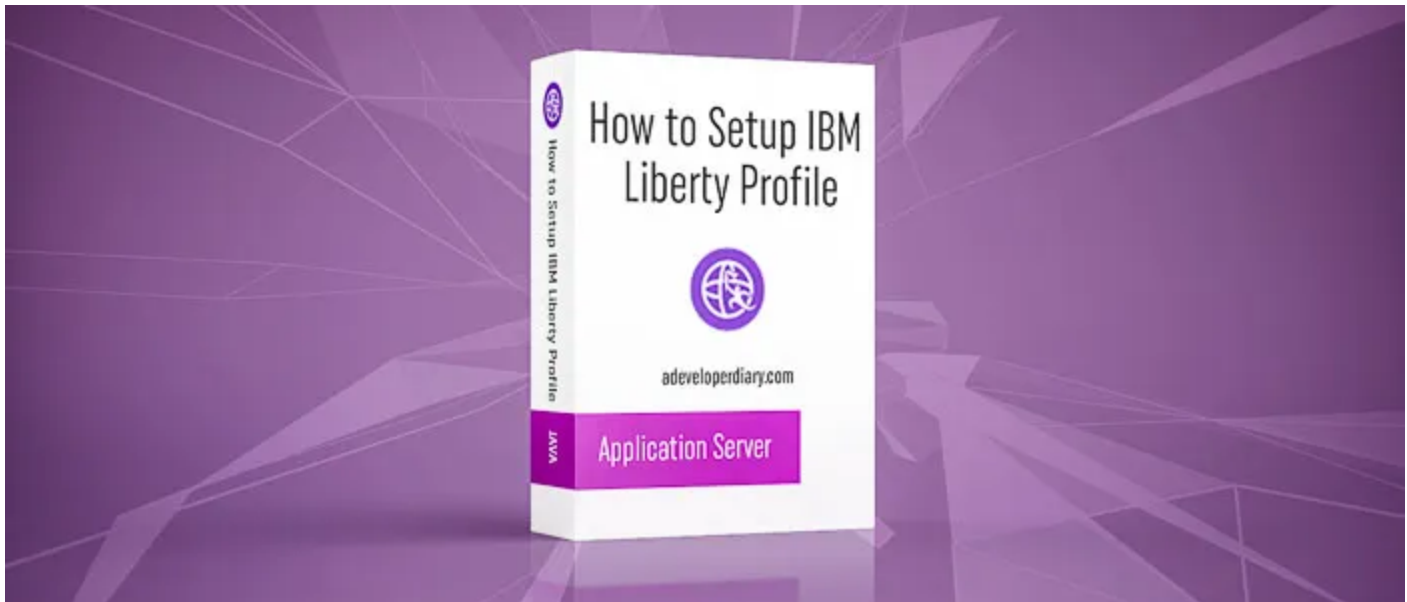
A Developer Diary

{about:"code learn and share"}

[Home](#)[Data Science](#)[Java](#)[JavaScript](#)[jBPM](#)[Tools](#)[Tips](#)[About](#)

August 31, 2015 By [Abhisek Jana](#) — [Leave a Comment](#) ([Edit](#))

How to setup IBM Liberty Profile



IBM Liberty Profile has full J2EE support and it's free for development!!! Thank you IBM ! Finally you have listened to the developers. It was always a nightmare to use the full IBM Application Server in a laptop especially when you are debugging. Also you can send the entire server setup to another developer and in no time your co-workers will have the application up and running. Let's see how to setup the Liberty with eclipse (In case you are using RAD you can also follow along, it will almost be the same). Find here how to setup IBM Liberty Profile.

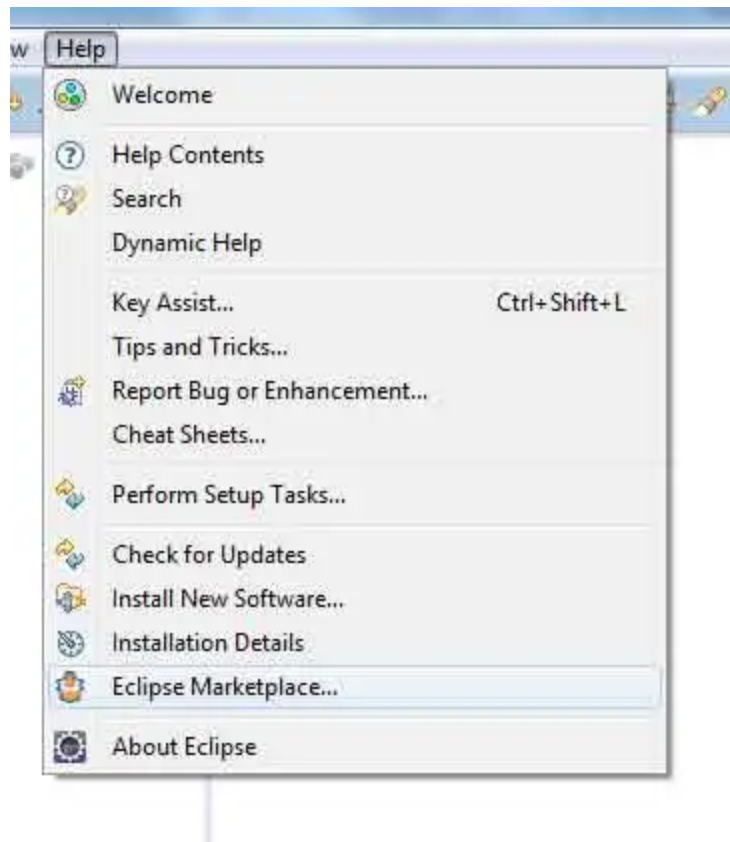
Version:

- IBM Liberty Profile 8.5.5.6
- JDK 8

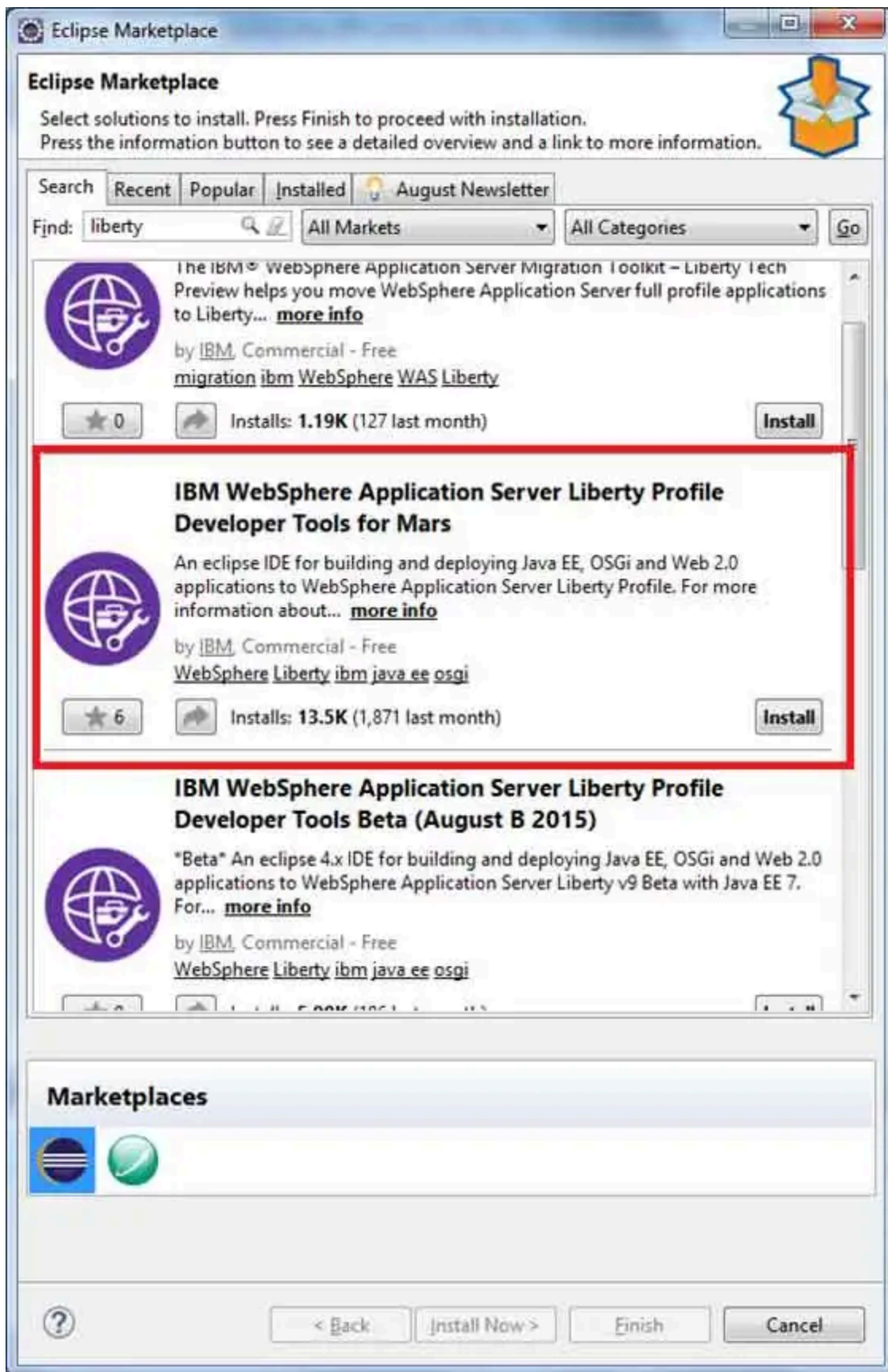
Steps:

[the_ad id="763"]

Download the "Eclipse IDE for Java EE Developers" from eclipse.org and extract the zip folder. Then open eclipse.exe. Then click on **Help-> Eclipse Marketplace**.



Find for **liberty** and click install on **IBM WebSphere Application Server Liberty Profile Developer Tools**

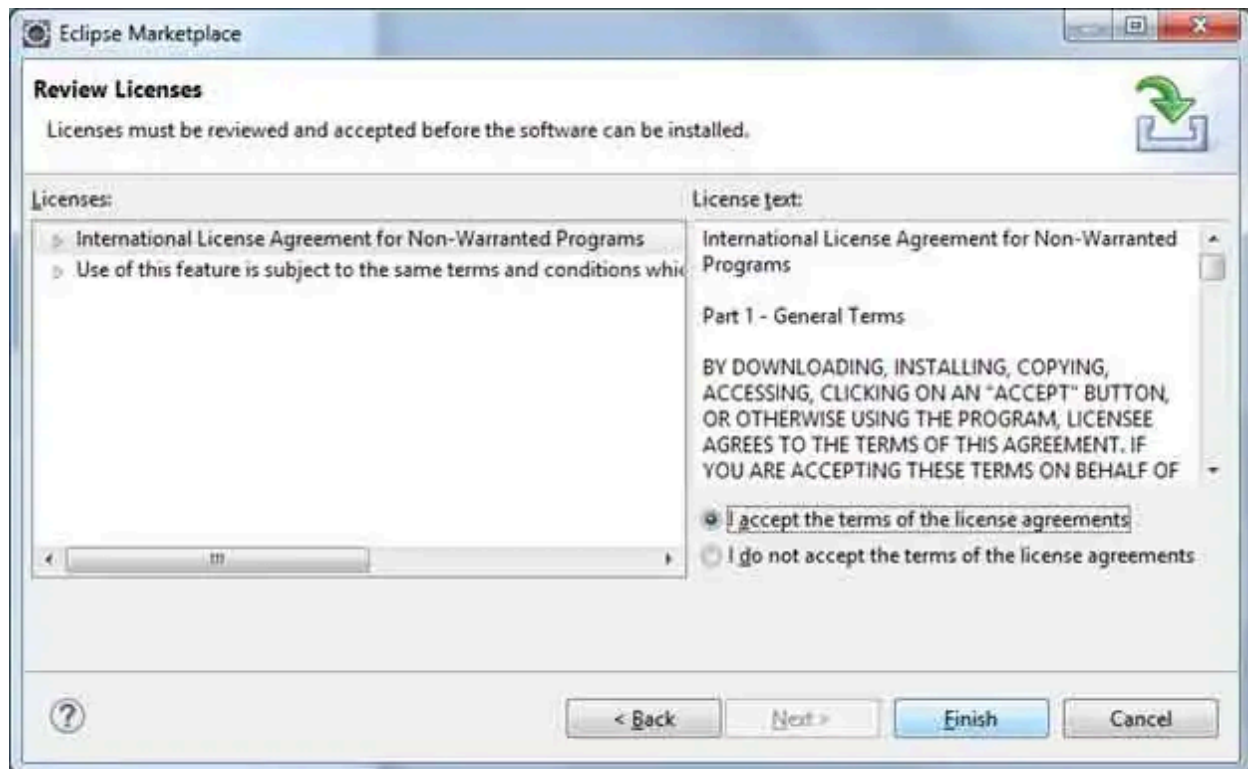


Click Confirm.

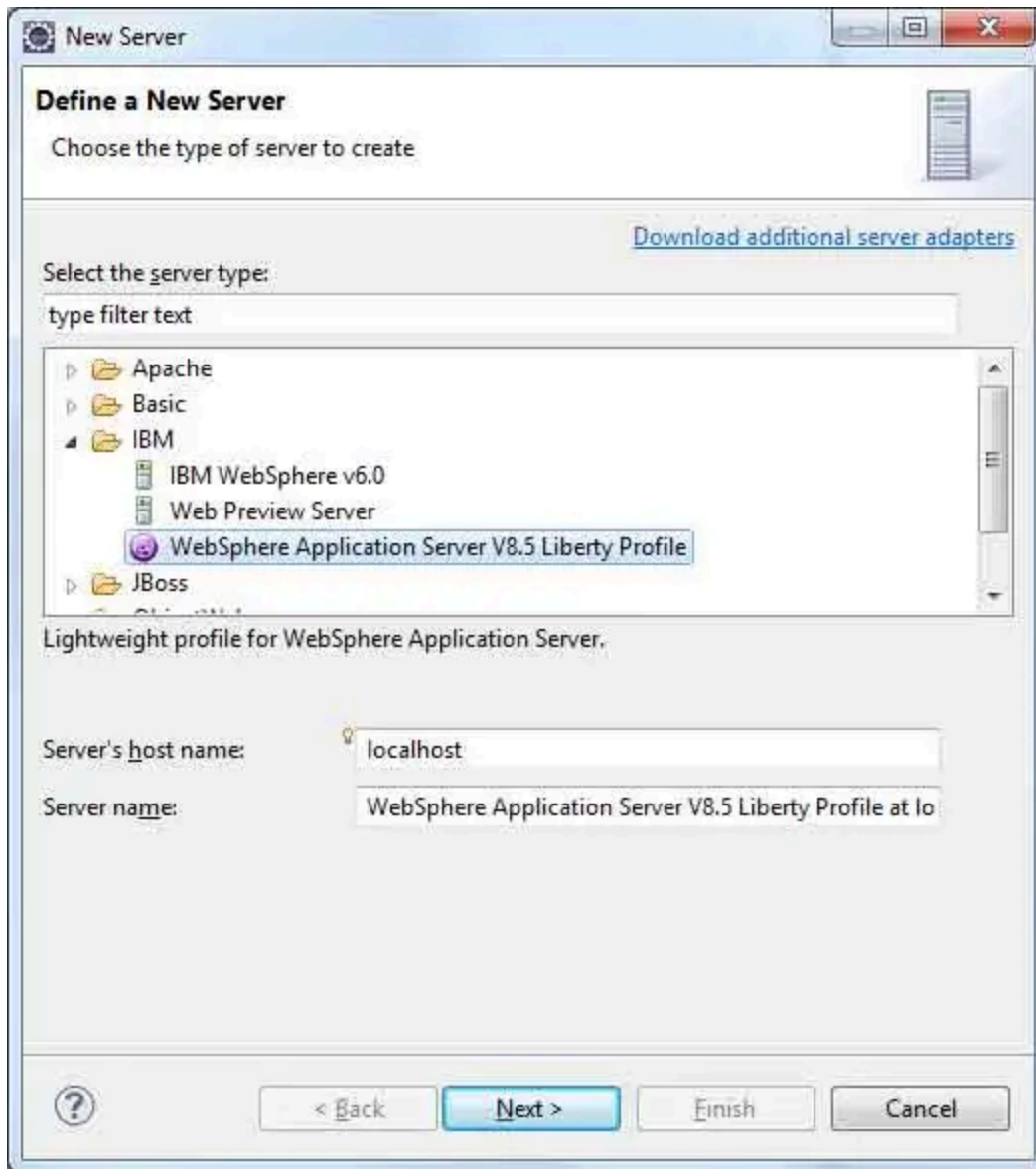


Accept the Licenses.

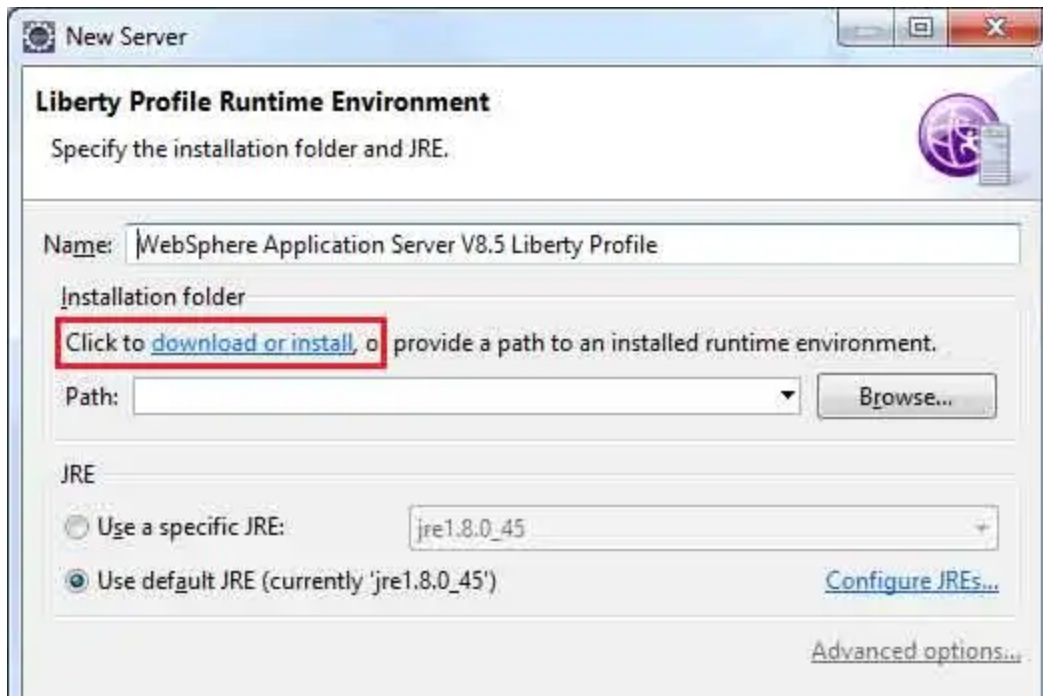
[the_ad id="765"]



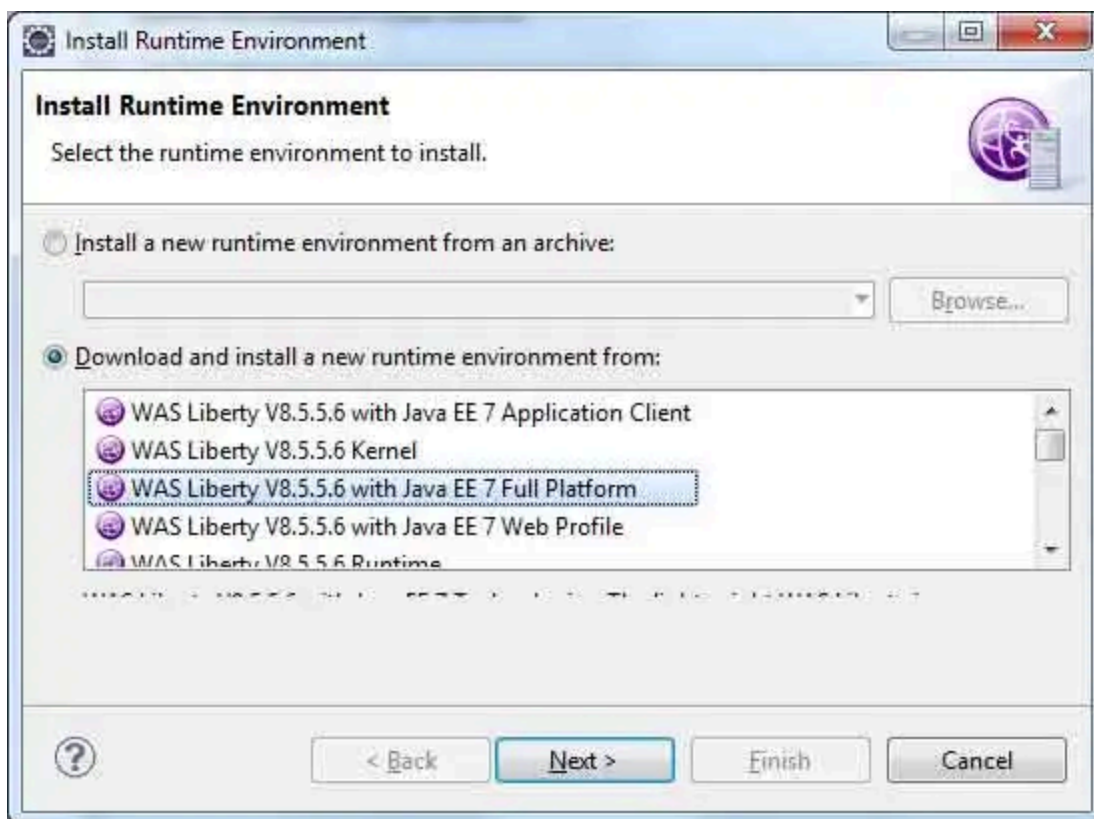
Once installed, you can find the option for creating server with Liberty Profile. Select & click next.



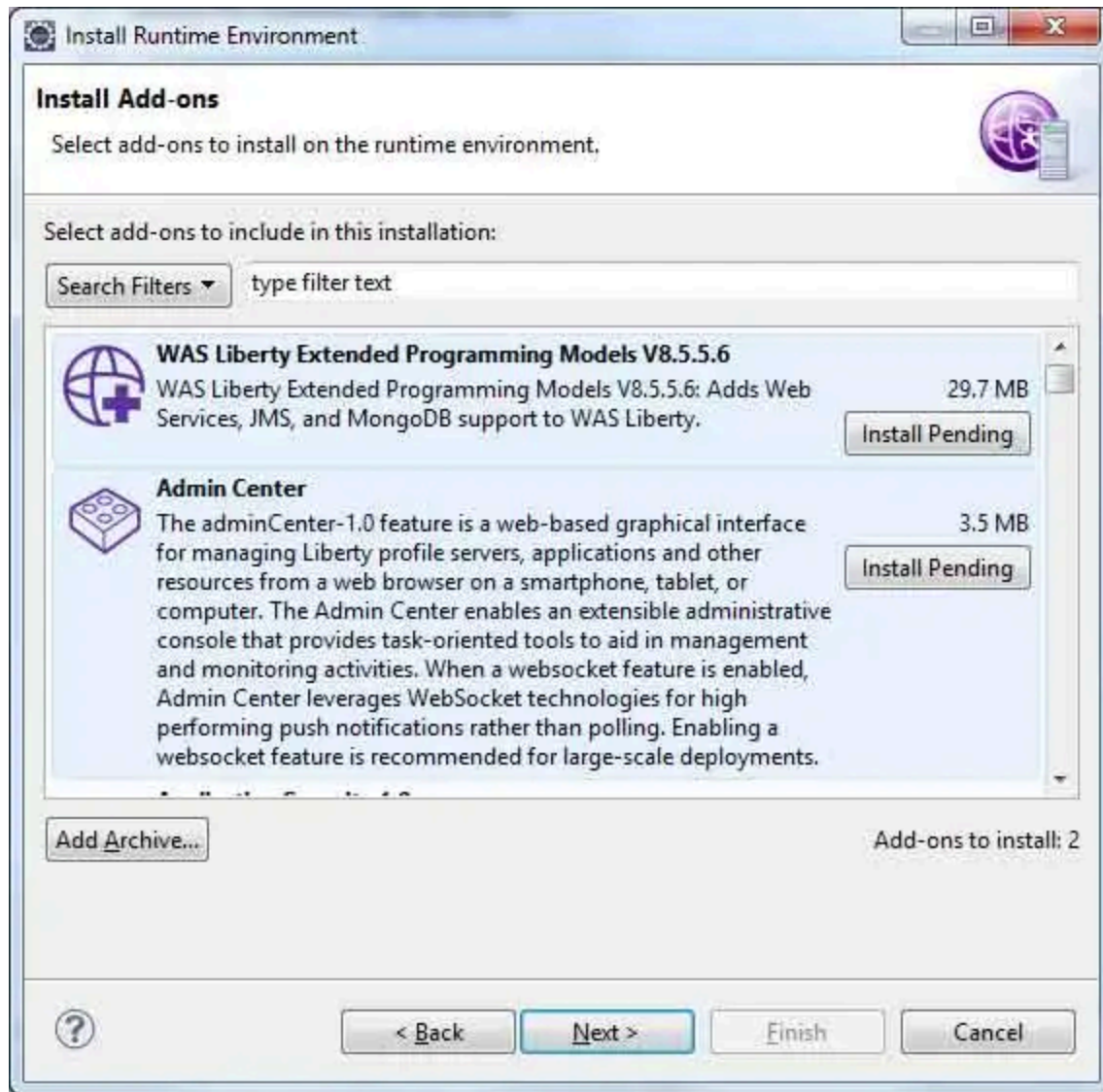
You need to click on download/install.



Select the below option (the version might be different for you). Click next.
[the_ad id="767"]



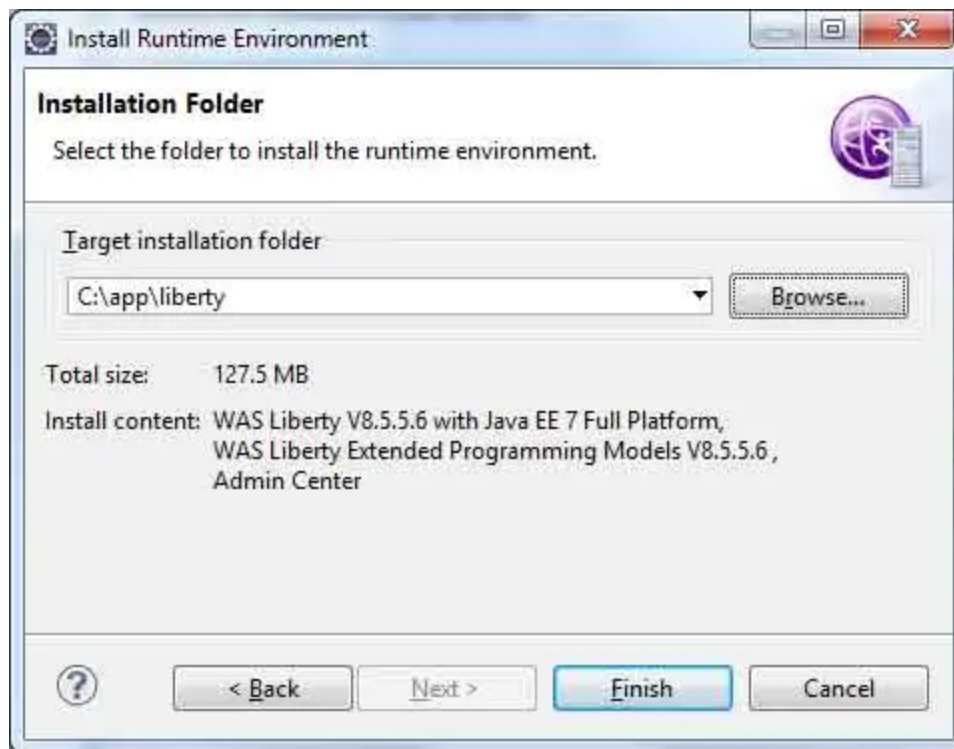
Install any add-ons you want to install. I will recommend at least below two (Extended Programming Model & Admin Center). Click on install and then Next.



Accept license. Click Next.



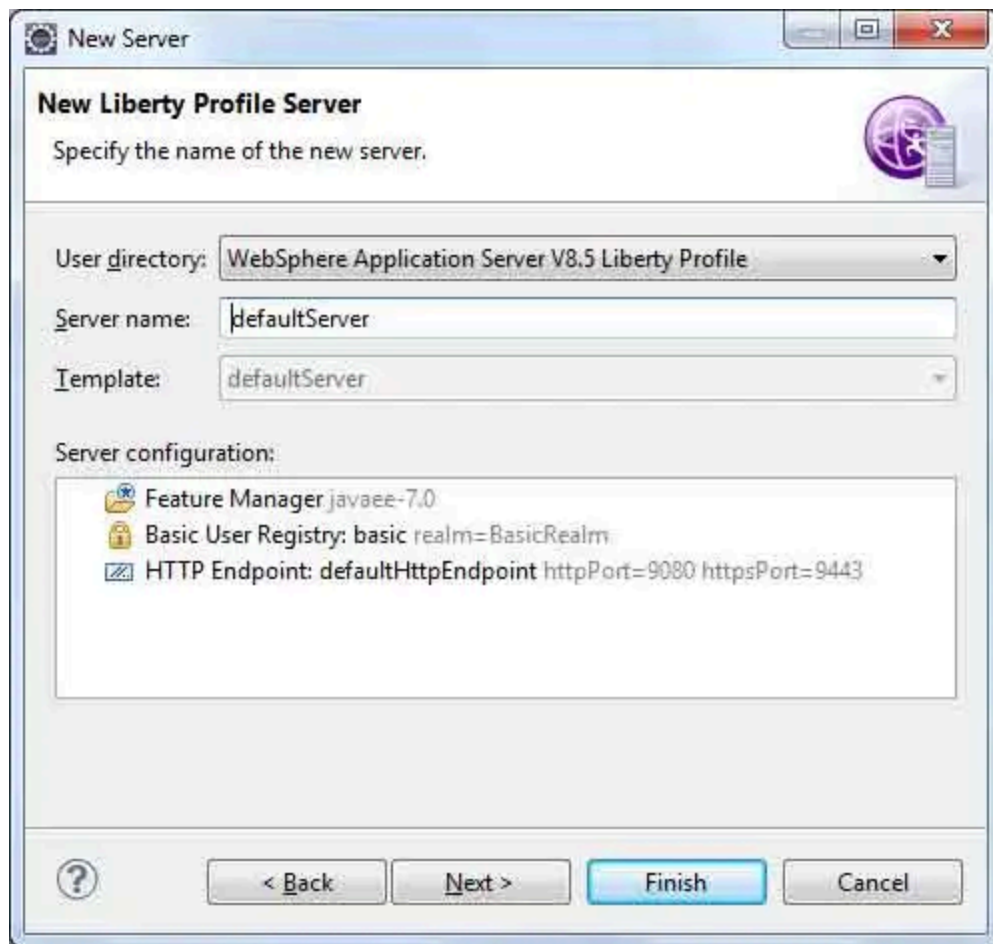
Select a destination folder. Click on Finish.



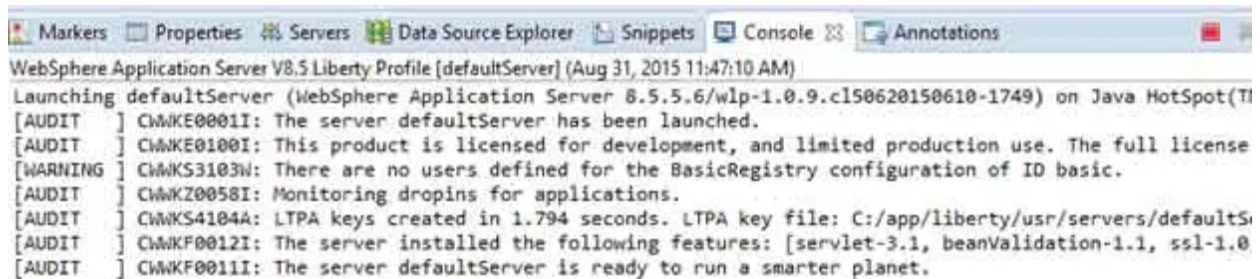
Now Select Next.



You can name your server. I have left it as "defaultServer". Click Finish.



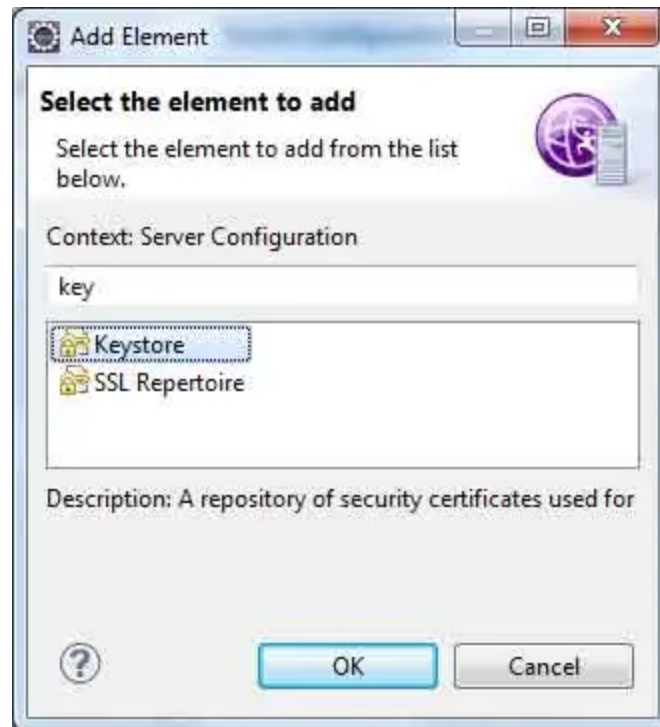
Now your Liberty should have been configured.



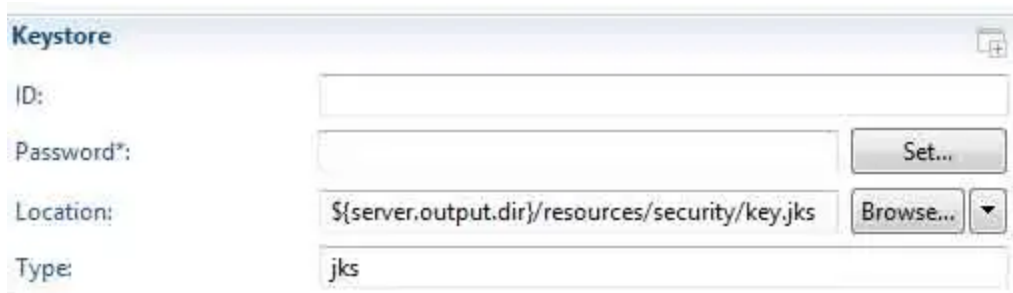
In case you have got this error : "The [defaultSSLConfig] sslRef attributes required by the orb element with the defaultOrb id have not been resolved within 10 seconds. As a result, the applications will not start. Ensure that you have included a keyStore element and that Secure Sockets Layer (SSL) is configured correctly. If the sslRef is defaultSSLConfig, then add a keyStore element with the id defaultKeyStore and a password."

Open the Server Configuration (server.xml) and go to design view. Then Select Server Configuration and click on Add.

Search for Keystore. Select it and click OK.



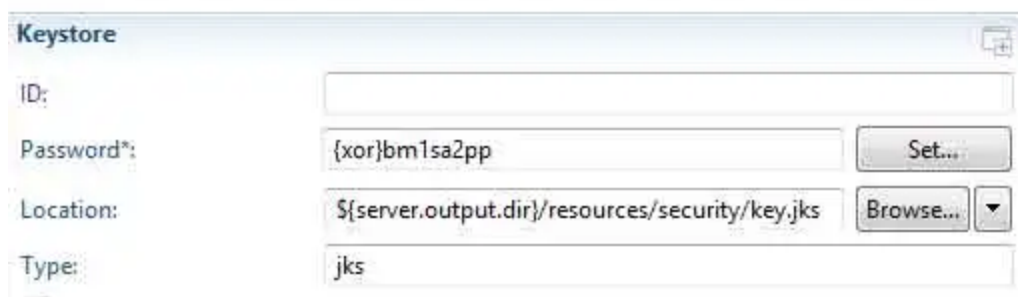
Click on Set...



Type a password of min 6 characters long. Click OK.



Following should be displayed. Now save the XML from the menu or Ctrl+S and start the server.

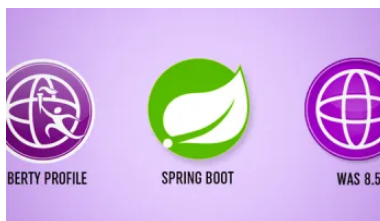


Related



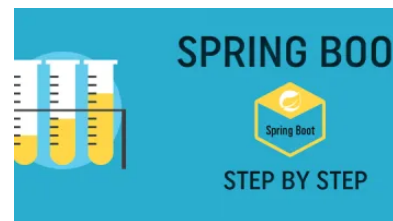
How to configure REST Service (JAX-RS) in IBM Liberty Profile

In "REST"



How to deploy Spring Boot application in IBM Liberty and WAS 8.5

In "Spring Boot"



How to Create Spring Boot Application Step by Step

In "Spring Boot"

Filed Under: [Server](#) | Tagged With: [IBM](#), [liberty](#), [Liberty Profile](#), [Server](#), [Setup](#)

Subscribe to stay in loop

* indicates required

Email Address *

Subscribe

Leave a Reply

Logged in as Abhisek Jana. [Edit your profile](#). [Log out?](#) Required fields are marked *

Comment *

Post Comment

This site uses Akismet to reduce spam. [Learn how your comment data is processed.](#)

Copyright © 2024 A Developer Diary