Advance Java

Servlet Technology

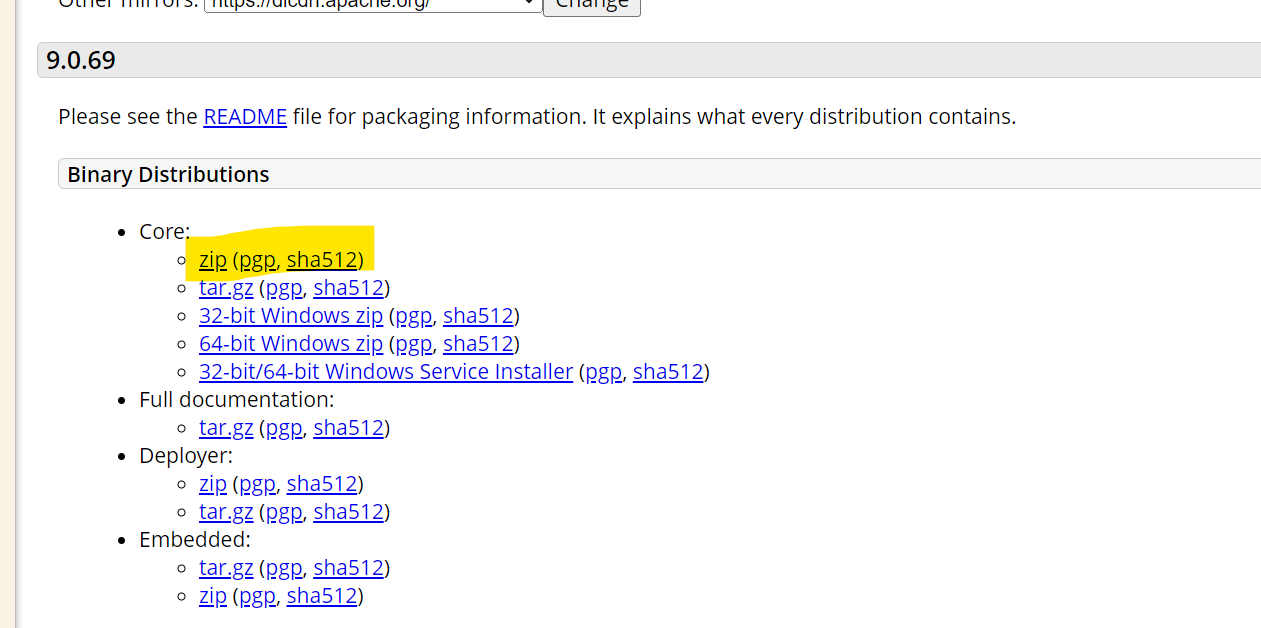
JSP Technology

Development if Dynamic Web application

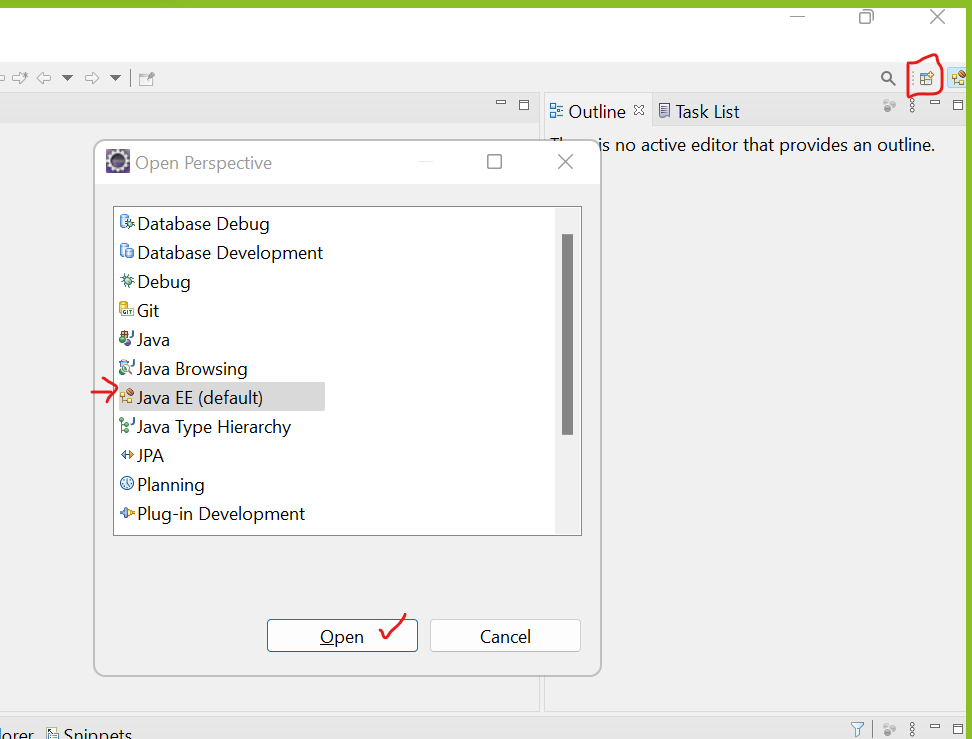
**Tomcat Server Setup**

1. Download the Tomcat server.

<https://tomcat.apache.org/download-90.cgi>



1. Extract the tomcat server.
2. Setup tomcat into Eclipse.
   1. Open a workspace
   2. Set Eclipse perspective to “**Java EE**”



* 1. Setup server into eclipse
     1. Go to “Servers” tab at the bottom of the screen.
     2. Click on the link to create new server.
     3. From the new window expand ‘Apache’ option.
     4. Select a tomcat version which is downloaded or installed
     5. After selecting the version click on “Next” button.
     6. Browse for an installation/extracted folder of the tomcat.
     7. Select a tomcat root/parent folder path.
     8. Click on “Next” and then click on “Finish”.
     9. Right click on the tomcat server from “Servers” tab and select “Start” option.
     10. You can see the startup message in the console “INFO: Server startup in [827] milliseconds”.

**Web Application**

1. It is also known as client server application.
2. This application can be access over a network.
3. To run this applications then you do not requires any installation or setup on you system.
4. There are 2 types of web application
   1. Static Web Application
      1. The web application/sites which content is same for every user.
      2. These applications are mostly an informative web sites.
      3. You can develop these types of application using a Front end technology such as

Html, CSS, JS etc.

* 1. **Dynamic Web Application**
     1. The content of the page will be different for every user.
     2. These applications are like social sites, e-commerce site, banking sites etc.
     3. You will required front end and backend both the technologies to develop such type of application.

**Structure of Web Application (Component)**

