**Servlets**

Servlets are programs that run on a Web or server and act as a middle layer between some requests coming from a browser or other HTTP client and databases or applications on the HTTP server.

* Read the explicit data sent by the browsers. This includes an HTML form on a Web page.
* Read the implicit request data sent by the browsers. This includes cookies and session.
* Process the data and generate the results. This process may require communication to a database, calling a Web server request.

**Some of the most common methods used in servlets are:**

* Init():

This method is called only once and when the servlet is created it is called.

* Service():

This method is the actual method to do the tasks.

* DoGet():

Get request results are stored in a URL.

* DoPost():

In this method results are stored in form.

**Request Dispatcher**:

Receives requests from the browser and sends them to any resource like a servlet, HTML file on the server.

**Servlet Config**: Every time, if we want to use different servlet values then this comes into the picture and it passes values at initialization time i.e.in the init method.

**Servlet Context**: Multiple Servlets sharing same values the we need to use this method.

**Execution steps for Servlet:**

* servlet source code
* Compile the source code.
* Create a deployment area.
* Run Tomcat which we installed and integrated to eclipse
* Executing servlet from a web browser.