Request and Response

browser

Client

Servlet3

Servlet2

Servlet1

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* Servlet: It is java technology which is used to create web applications.
  + Servlet is an API that is used to create dynamic web applications
  + Servlet is a java Technology that contains classes and interface.
  + Life Cycle of Servlet: -
    - init() :- It will be invoked only one time the servlet is created.
    - service() :- It starts the functionality of servlet by doGet() & doPost methods.
    - destroy() :- Like init() method, this method is used only one time after the functionality is over.
    - init() & destroy() runs by By-Default.

Note:- There is a need of web server or application server to run servlet.

* It does two types of searching: through html response, or database response.
* deGet, doPost are the two methods used by servlet to cater the response.

Installation of Apache Tomcat server in ecilipse:

* + Important Points while working on web application in java 🡪
    - Servlet file will be created inside java resource subfolder of our project.
    - ALL html, css etc files will be saved or created APPLICATION subfolder which is src folder.
    - The complete information of servlet will be stored in web.xml inside WEB-INF folder. A screenshot of a computer program

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