HttpServlet

Is a java servlet used to handle HTTP requests and generate responses for a website. When using the HttpServlet abstract class then one method of HttpServlet should be overridden by its subclass.

HttpServlet Methods that are usually overridden:

* doGet(HttpServletRequest request, HttpServletResponse response)
* doPost(HttpServletRequest request, HttpServletResponse response)
* doPut(HttpServletRequest request, HttpServletResponse response)
* doDelete(HttpServletRequest request, HttpServletResponse response)
* init - inherited from GenericServlet
* destroy - inherited from GenericServlet
* getServletInfo - inherited from GenericServlet

Other HttpServlet Methods

* doHead(HttpServletRequest request, HttpServletResponse response)
* doOptions(HttpServletRequest request, HttpServletResponse response)
* doTrace(HttpServletRequest request, HttpServletResponse response)
* getLastModified(HttpServletRequest request)
* service(HttpServletRequest request, HttpServletResponse response)
* service(ServletRequest request, ServletResponse response)

It is hosted in a web container or also known as a servlet container.

HttpServletRequest

The HttpServletRequest interface provides request information for HTTP servlets. The web container creates and HttpServletRequest object and is passed as an argument to a service method(doGet, doDelete, etc).

HttpServletResponse

The HttpServletResponse interface provides Http-specific functionality for sending responses. The web container creates an HttpServletResponse object and is passed as an arguments to the service methods (e.g. doGet, doDelete, etc).