Servlet is an Api which extend the capability of server and respond to incoming requests,

best performance, portability, Robust, Secure

Servlet, GenericServelet, HttpServlet, ServletRequest, ServeletResponse

**Web Application:** an application that accessable from web, cosnists of servlet, jsp, filter etc

**Http:** data communication protocol used to establish communication between client and server

**Container:** consists of jsp and servlet

javax.servlet and javax.servlet.http packages represent interfaces and classes for servlet API

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| **Classes in javax.servlet package**  GenericServlet  ServletInputStream  ServletOutputStream  ServletRequestWrapper  ServletResponseWrapper  ServletRequestEvent  ServletContextEvent  ServletRequestAttributeEvent  ServletContextAttributeEvent  ServletException  UnavailableException | **Interfaces in javax.servlet package**  Servlet  ServletRequest  ServletResponse  RequestDispatcher  ServletConfig  ServletContext  SingleThreadModel  Filter  FilterConfig  FilterChain  ServletRequestListener  ServletRequestAttributeListener  ServletContextListener  ServletContextAttributeListener |
| **Interfaces in javax.servlet.http package**  HttpServletRequest  HttpServletResponse  HttpSession  HttpSessionListener  HttpSessionAttributeListener  HttpSessionBindingListener  HttpSessionActivationListener  HttpSessionContext (deprecated now) | **Classes in javax.servlet.http package**  HttpServlet  Cookie  HttpServletRequestWrapper  HttpServletResponseWrapper  HttpSessionEvent  HttpSessionBindingEvent  HttpUtils (deprecated now) |

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**Servlet Interfaces:**

public void init(ServiceConfig config)

public void service (SerletRequest request, ServletResponse response)

public void destroy()

public ServletConfig getServletConfig()

public String getServletInfo()