**Servlet Interfaces**

**Index.html:**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Servlet Interfaces</title>

</head>

<body>

<a href=*"interface"*>Show Servlet Interface</a>

</body>

</html

**InterfaceDemo Servlet:**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.\*;

import javax.servlet.annotation.WebServlet;

@WebServlet("/interface")

public class InterfaceDemo1 implements Servlet {

ServletConfig config=null;

public void init(ServletConfig config){

this.config=config;

System.out.println("Initialization complete");

}

public void service(ServletRequest req,ServletResponse res)

throws IOException,ServletException{

res.setContentType("text/html");

PrintWriter pwriter=res.getWriter();

pwriter.print("<html>");

pwriter.print("<body>");

pwriter.print("In the service() method<br>");

pwriter.print("</body>");

pwriter.print("</html>");

}

public void destroy(){

System.out.println("In destroy() method");

}

public ServletConfig getServletConfig(){

return config;

}

public String getServletInfo(){

return "This is a sample servlet info";

}

}

**Web.xml:**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"* id=*"WebApp\_ID"* version=*"4.0"*>

<display-name>Servlet Interface</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<servlet>

<servlet-name>InterfaceDemo</servlet-name>

<servlet-class>InterfaceDemo</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>InterfaceDemo1</servlet-name>

<url-pattern>/interface</url-pattern>

</servlet-mapping>

</web-app>