**Servlet Config**

An object of ServletConfig is created by the web container for each servlet. This object can be used to get configuration information from web.xml file.

If the configuration information is modified from the web.xml file, we don't need to change the servlet. So it is easier to manage the web application if any specific content is modified from time to time.

ServletConfig object is one per servlet class.

Each servlet has different servlet config object.

Using ServletConfig object we can read init param values from web.xml.

**Advantage of ServletConfig**

The core advantage of ServletConfig is that you don't need to edit the servlet file if information is modified from the web.xml file.

Sample :

**Web.xml**

<web-app>

<servlet>

<servlet-name>config</servlet-name>

<servlet-class>MyServlet</servlet-class>

**<init-param>**

**<param-name>pagename</param-name>**

**<param-value>Register Screen</param-value>**

**</init-param>**

</servlet>

<servlet-mapping>

<servlet-name>config</servlet-name>

<url-pattern>/config</url-pattern>

</servlet-mapping>

</web-app>

Note : you can add any number of init parameters

**Servlet class**

import java.io.\*;

import javax.servlet.\*;

import javax.servlet.http.\*;

public class MyServlet extends HttpServlet {

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

ServletConfig sc=getServletConfig();

out.println(sc.getInitParameter("pagename"));

}

}

**Start server**

Open below link to see servlet config value

<http://localhost:8090/ServletConfig/config>

Difference between servlet context and servlet config

**Servlet Config**

* ServletConfig object is one per servlet class
* Object of ServletConfig will be created during initialization process of the servlet
* This Config object is public to a particular servlet only
* *Scope*: As long as a servlet is executing, ServletConfig object will be available, it will be destroyed once the servlet execution is completed.
* We should give request explicitly, in order to create ServletConfig object for the first time
* In web.xml – <*init-param*> tag will be appear under <*servlet-class*> tag

**Servlet Context**

* ServletContext object is global to entire web application
* Object of ServletContext will be created at the time of web application deployment
* *Scope*: As long as web application is executing, ServletContext object will be available, and it will be destroyed once the application is removed from the server.
* ServletContext object will be available even before giving the first request
* In web.xml – <*context-param*> tag will be appear under <*web-app*> tag

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