**ServletConfig**

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

An object of ServletConfig is available to the Servlet during its execution, once the servlet execution is completed, automatically ServletConfig interface object will be removed by the container.

An object of ServletConfig interface contains <init-param> details at web.xml, of a particular servlet.

The moment when we are using an object of ServletConfig, we need to configure the web.xml by writing < init-param > tag under <servlet> tag of web.xml.

When ever compiler executes init() method then the ServletConfig will be created in general. An object of ServletConfig contain the

An object of ServletConfig contain the <init-param> data in the form of key,value pairs, here the keys represents init param names and values are its values, which are represented in the web.xml file

**Advantage of ServletConfig**

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.  
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.

**Methods of ServletConfig interface**

* **public String getInitParameter(String name):**Returns the parameter value for the specified parameter name.
* **public Enumeration getInitParameterNames():**Returns an enumeration of all the initialization parameter names.
* **public String getServletName():**Returns the name of the Servlet.
* **public ServletContext getServletContext():**Returns an object of ServletContext.

**How to Get ServletConfig Object into Servelt**

An object of ServletConfig can be obtained in 2 ways,

**Way 1**.

* **Syntax**
* ServletConfig conf = getServletConfig();
* In the above statement, we are directly calling getServletConfig() method as it is available in Servlet interface, inherited into GenericServlet and defined and further inherited into HttpServlet and later inherited into our own servlet class.

**Way 2**.

* **Syntax**
* ServletConfig **object** will be available **in** init() method of the servlet.
* **public** **void** init(ServletConfig config)
* {
* // ......
* }
* So finally we are able to create ServletConfig object in our servlet class, then how to get the data from that object ?
* **How to Retrieve Data from ServletConfig Interface Object**
* In order to retrieve the data of the ServletConfig we have two methods, which are present in ServletConfig interface.
* **Syntax**
* **public** String getInitParameter("param name");
* **public** Enumeration getInitParameterNames();
* I am not going to explain about these methods, these are similar to Retrieve Client Input Data in Servlet but here we are retrieving values from web.xml.