

Dt : 12/2/2025

Note:

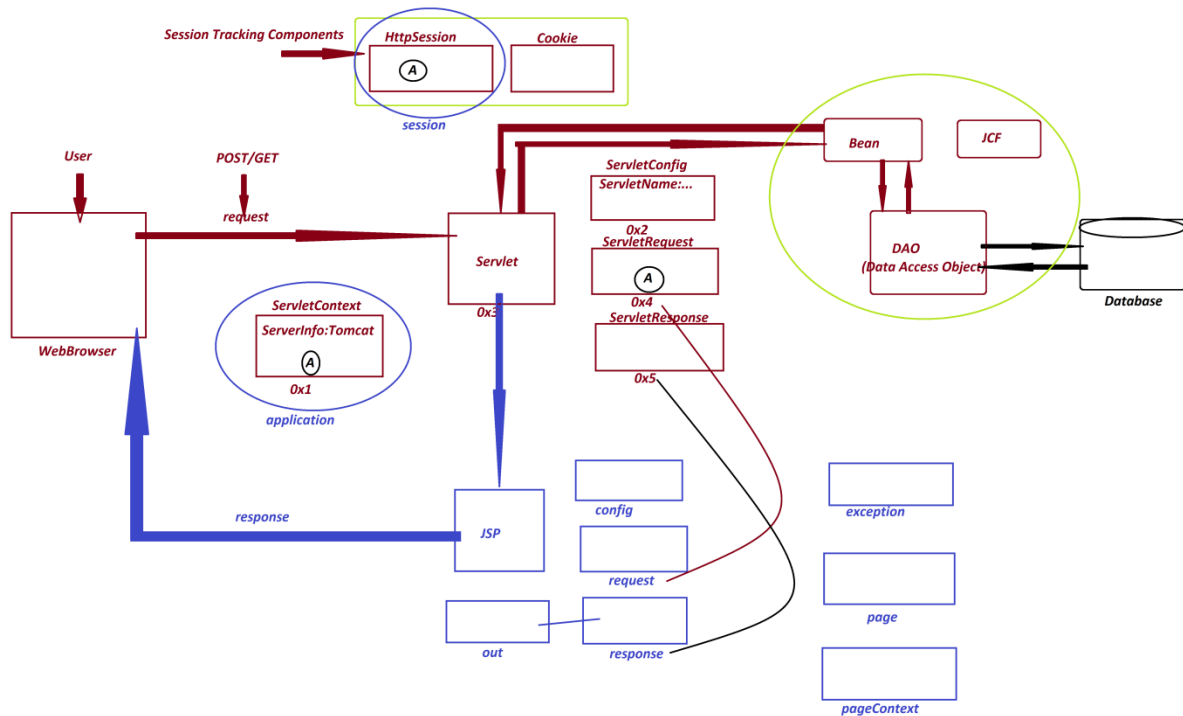
=>In Servlet forward communication,the request and response objects of Servlet-1 can be used by Servlet-2 or JSP-Program

=>WebContainer internally divided into the following two Sub-Containers:

(a)Servlet Container - Catelina

(b)JSP Container - Jasper

Complete Layout of Objects from Servlet and JSP:



faq:

define DAO?

=>DAO stands for 'Data Access Object' and which is separate layer in MVC

(Model View Controller) to hold database related codes(Persistent Logics).

=>DAO Layer will hold DB-Connection,DB-Insert,DB-Retrieve,DB-Update,DB-Delete,...

(All Database Operations)

*=>In the process of establishing Communication b/w Servlet-Program and Database-Product,
the DB-JAR file must be copied into "lib" folder of 'WEB-INF'.*

faq:

define Bean Class?

=>The class which is constructed with the following rules is known as Bean-Class:

Rule-1 : The class must be implemented from 'java.io.Serializable' interface.

Rule-2 : The variables which are declared within the class must be 'Private' variables.

Rule-3 : The class must be declared with 0-argument Constructor or 0-parameter

Constructor

Rule-4 : The class must be declared with 'Getter' and 'Setter' methods.

Note:

=>These Bean-Classes will generate Bean-Objects.

=>Bean-Objects are the intermediate storages b/w Servlet-Program and Database Product.

**imp*

"attribute" in Servlet Programming:

=>"attribute" is a variable in Servlet Programming,which can be added to ServletContext

Object,ServletRequest Object and HttpSession Object.

=>The following are the methods related to "attribute":

(a)setAttribute()

(b)getAttribute()

(c)removeAttribute()

(d)getAttributeNames()

(a)setAttribute():

=>setAttribute()-method is used to add attribute to Objects.

Method Signature:

public abstract void setAttribute(java.lang.String, java.lang.Object);

(b)getAttribute():

=>getAttribute()-method is used to get attribute from Objects.

Method Signature:

public abstract java.lang.Object getAttribute(java.lang.String);

(c)removeAttribute():

=>removeAttribute()-method will delete the attribute from the Objects.

Method Signature:

public abstract void removeAttribute(java.lang.String);

(d)getAttributeNames():

=>getAttributeNames()-method is used to get all attributes names from the Objects.

Method Signature:

public abstract java.util.Enumuration<java.lang.String> getAttributeNames();
