website : studytonight

--------------------

Servlet:

Used to create web application and it uses java technology.

http(Hyper Text Transfer protocol):

http methods:

OPTIONS

GET

HEAD

POST

DELETE

CONNECT

PUT

Difference between GET and POST requests

***GET Request***  ***POST Request***

Data is sent in header to the server Data is sent in the request body

Get request can send only limited Large amount of data can be sent.

amount of data

Get request is not secured because Post request is secured because data is not exposed in URL.

data is exposed in URL

Get request can be bookmarked Post request cannot be bookmarked.

and is more efficient.

***RequestDispatcher:***

It is used to forword request to another resource(servlet, jsp,etc...) and it ois also used to include the content of another resource.

Methods of RequestDispatcher interface

1.public void forward(ServletRequest request,ServletResponse response)throws ServletException,java.io.IOException:

Forwards a request from a servlet to another resource (servlet, JSP file, or HTML file) on the server. that resource will send response to the user.

2.public void include(ServletRequest request,ServletResponse response)throws ServletException,java.io.IOException:

Includes the content of a resource (servlet, JSP page, or HTML file) in the response.

SendRedirect:

The sendRedirect() method of HttpServletResponse interface can be used to redirect response to another resource

Session:

Study in java tutorial point:

--------------------------------------

cookies and session diff:

1.Since I created one session & as we say that session store at server side that means if I clear browser cookie thereafter it should show me my login use as logged in but when i cleared the cookie then my user logged out that means there is something behind session with cookie so please tell me what is relation between cookie & seesion ?

Please also give example as when should I use session & when should I use cookie, url rewriting, hidden form field ?

2.Since I read the entire description but always gets confused while choosing any one like if we clear cookie then session also gets expire so why not use cookie ?

Please explain with real life example for better understanding...

ans:

----------

1.Since I created one session & as we say that session store at server side that means if I clear browser cookie thereafter it should show me my login use as logged in but when i cleared the cookie then my user logged out that means there is something behind session with cookie so please tell me what is relation between cookie & seesion ?

The session is stored at the server, true. However, the browser often uses a cookie to identity the session. For Tomcat, the cookie name is JSESSIONID. If you clear the cookies then the browser will not send this cookie, and the server doesn't know that the old session should be used. It therefore creates a new one.

2.Since I read the entire description but always gets confused while choosing any one like if we clear cookie then session also gets expire so why not use cookie ?

Because cookies have more limitations on what they can store. For instance, it can only store text, whereas sessions can store any object that's serializable. (Perhaps serializable isn't even required, can't remember.) Cookies are also quite limited in the amount of data they can store, whereas sessions are limited by server memory only.