

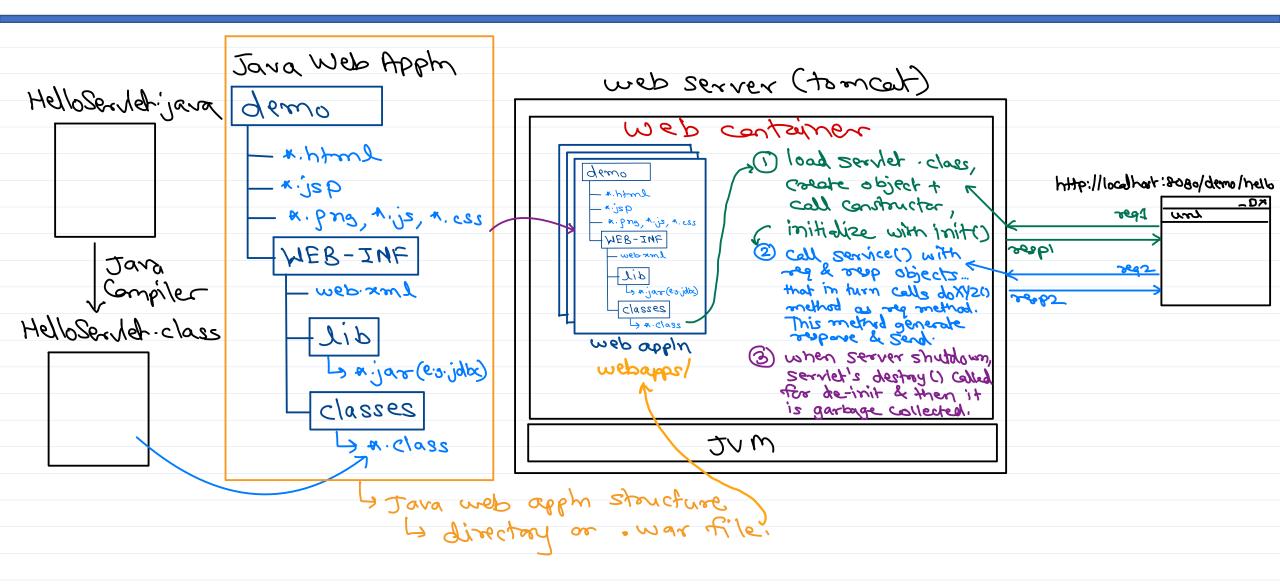


Advanced Java

Trainer: Nilesh Ghule

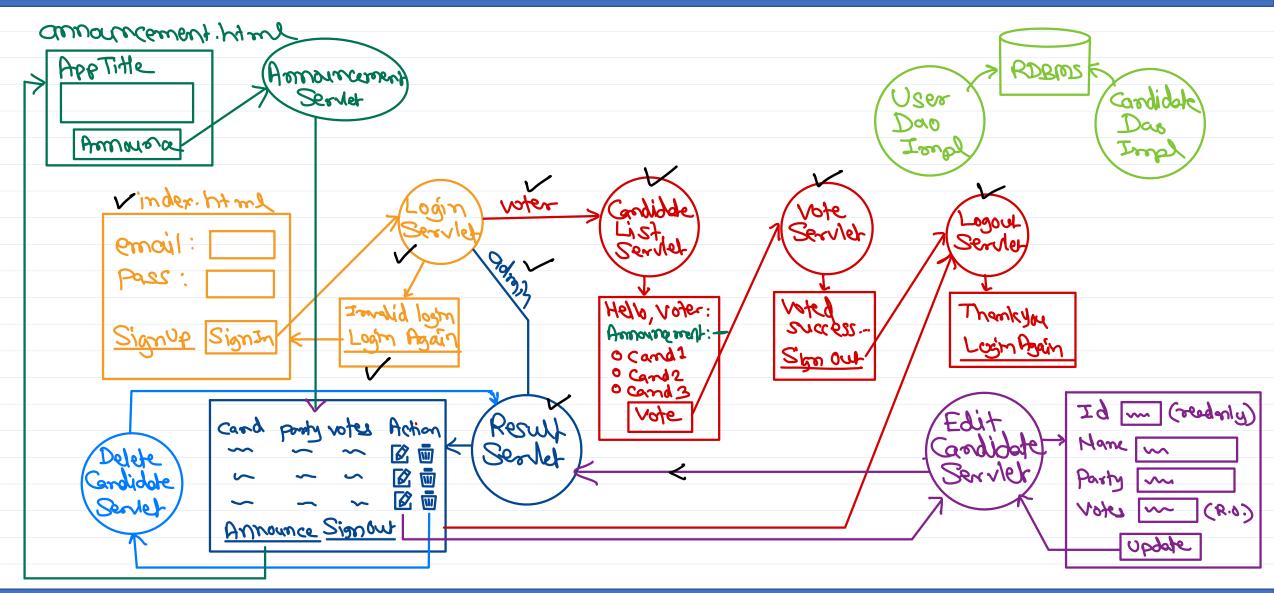


HelloServlet execution



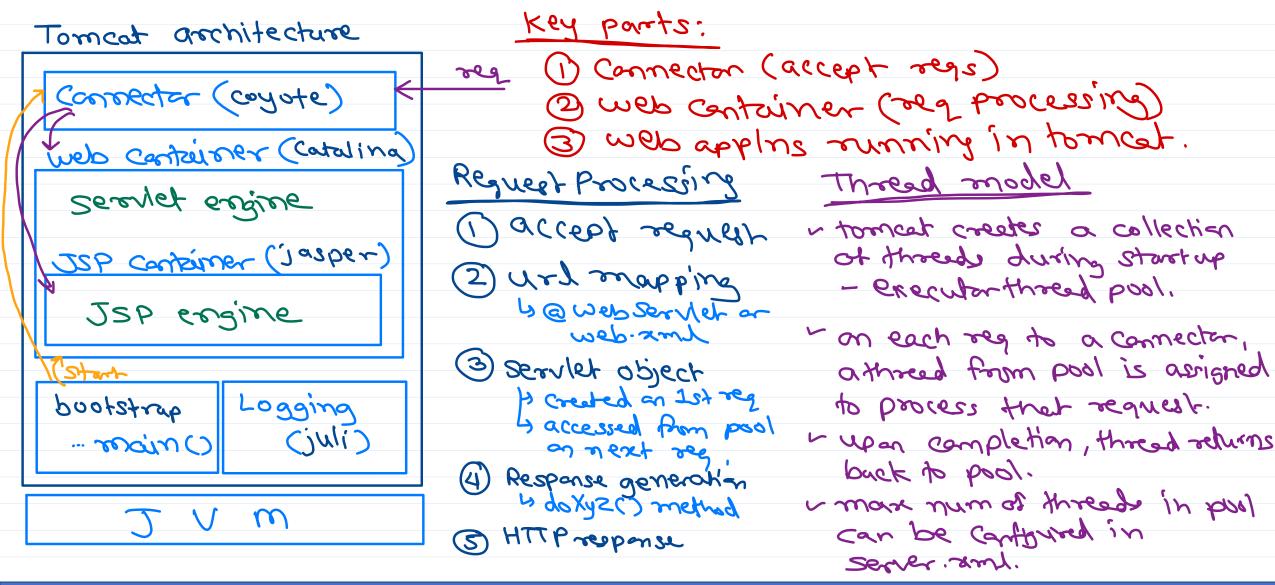


Election Management





Tomcat architecture





Request parameters

```
data form poer page antrols or query string will come with reg object.

It can be accessed in next servet wiry,

String val = reg. get Parameter ("param-name"),

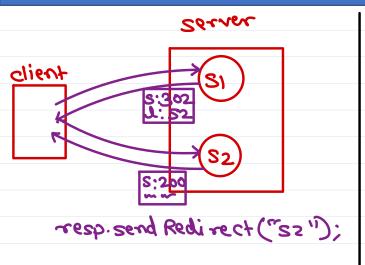
String[]vals=reg. get Parameter Values ("param-name"),

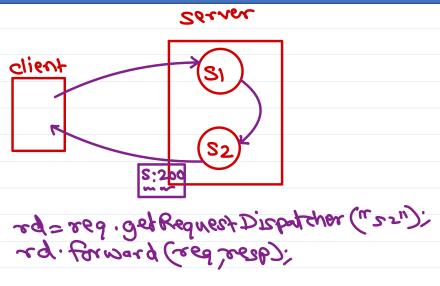
I checkbox, listbox,

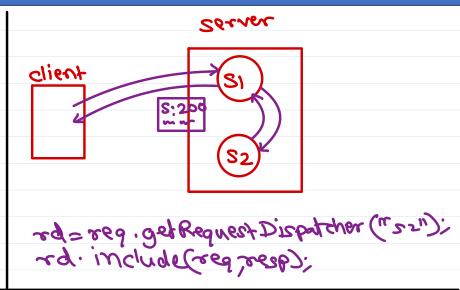
I textbox, radio, drop down,
```

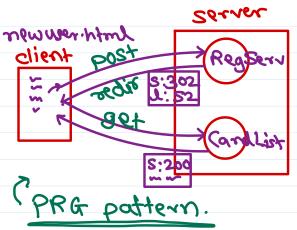


Inter-Servlet Communication









when client refresh, hast reak

(ie. post) is replayed, due to me which data is sent twice a client be added or updated in about twice.

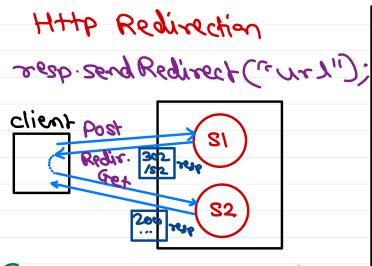
newwer.html
client
RegBerr

5:200
mm

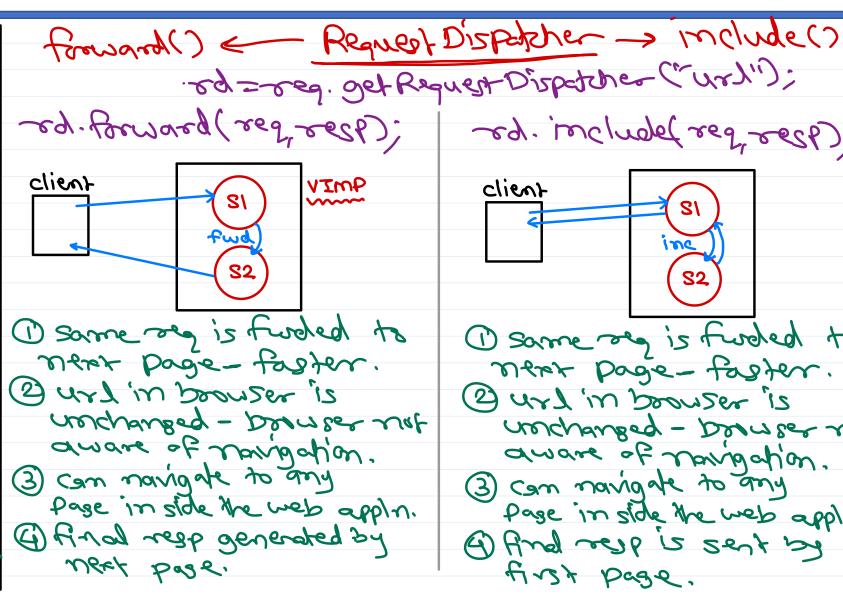
if client refresh, only last reg (GET) is replayed & dota fetened again. Earlier dota not posted twice,

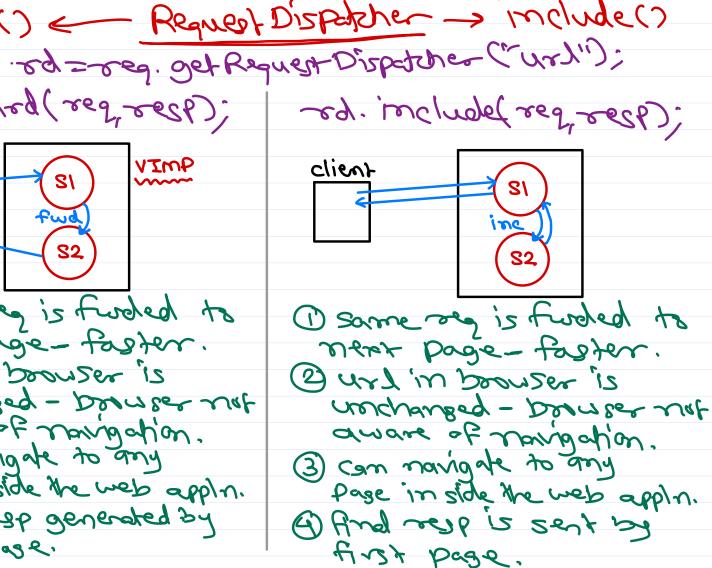


Servlet Communication/Navigation



- 1) execution as shown in diag. Two diff req from brouser - slower.
- @ url in browser is Changed
- 3) can navigate to any Page in or outside the web apply.
- 4) Useful after Post reg , so that same data is not posted again upon refresh.
 Redirection - PRG pattern.







State Management

```
* maintaining state/info about client
   is called as "State mant".
* Client side state ment
                 V Need less server resources.
   - Cookie
   - Query String X Visible to client
   - Hidden fields x Client can tamper
   - HTML Storage
* Server Side State soldert
                   v Secure (Not accessible to Client)
   -Session
   - Reguest
                   x Heeg more server resources
   - Application a.ka.
     Serviet Content
```



Cookie

Cookie - text key value pair - stored on dient side

- temp cookie - promoer mountain

- persistent cookie - client disk

- max size= 4 KB

- created by server and sent to

- afterwards cookie is sent back to seever with each request by the client.

- cookies can be seen and modified & seceive cookie from client:

by the client.

Cookie [] are= reg.getCookies(

- Cookies can be disabled in browser.

x Send cookie to client: Cookie (= new Cookie ("K","V"). resp. add Cookie(c); SEEVER client

cookie[] are= reg.get(ookies();

for((ookie c: are) {

if(c.get Marne().equals("k")){

v=c.get Value();

break;





Thank you!

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