

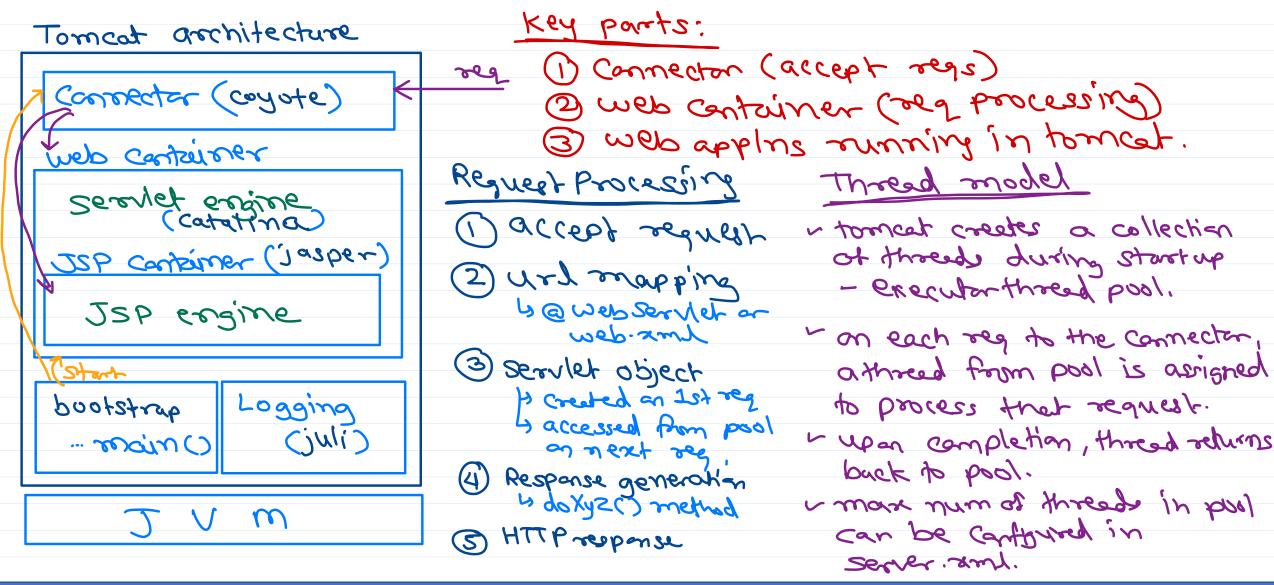


Advanced Java

Trainer: Nilesh Ghule



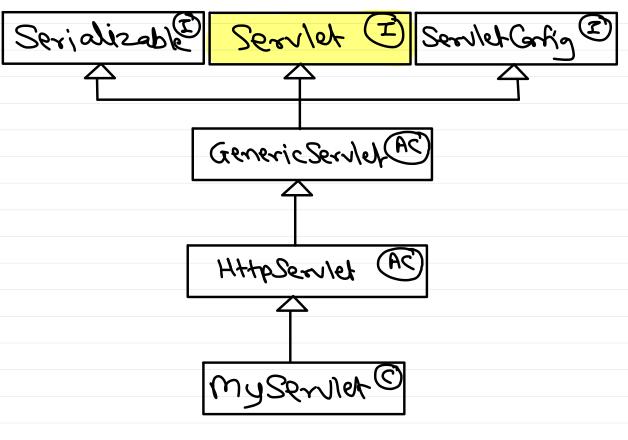
Tomcat architecture





Java Servlets

Speriet is a jana closes that is executed in jana web server when reg is received from client and produces response that is sent back to the client.



Sorviet intertace: [into metadoral of servets

- when 1st reg received for a server, obj is created and init () called by web container.

- programmer should override, if any one time inittalization is to be done. e.g. JDBC connection,...

- It failed, onust throw Servet Exception. Mow servet regs will not be processed further.

3 destroy ()

- unhan apph is underbyed or was Seaver shutdown, destroy is called by web container.

- programmer should overvide it any one time de mittalization is to be dance. e.g. close connection.

@ service () >

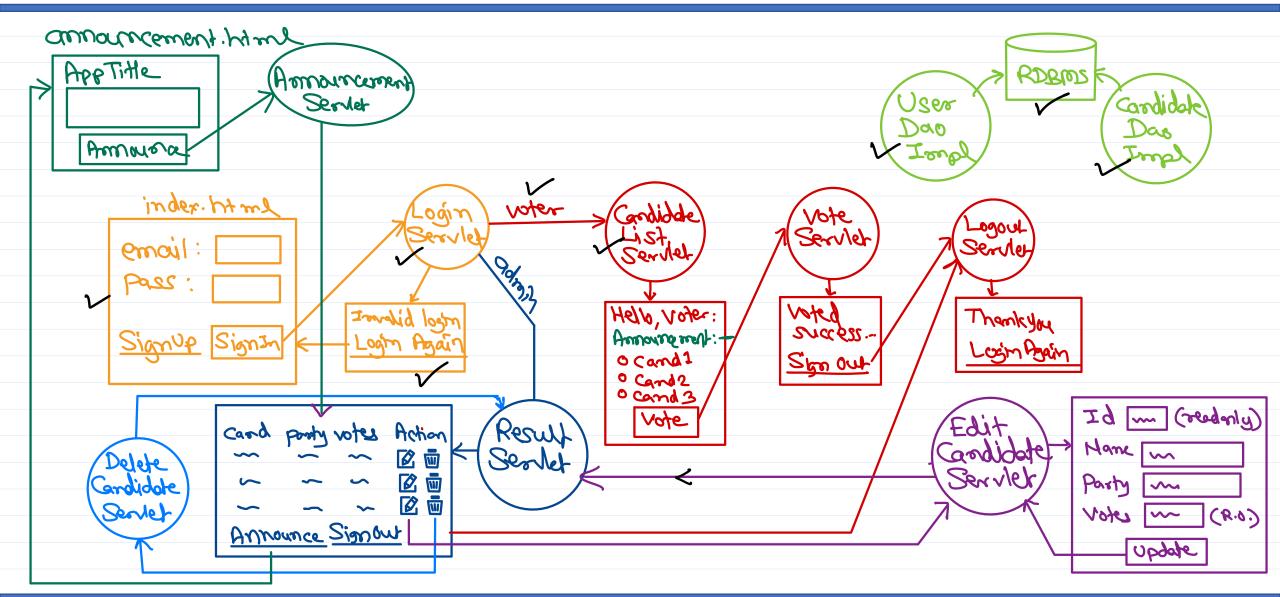


Java Servlets

```
* Sorvlet interface:
   @ Service ()
       - called for each reg by web container
       - programmer should override It to process the
                                                      11 predefined class 2
         reg and produce the response.
                                                     Class HttpServet enterds
                                                              Genen E Searlet ?
* Generic Servet class
    - provides default impl of init() & destry().
                                                      @ Overnide
    - Keeps service() abstract.
                                                      vig service (sea rest) ... }
    * Protocol independent servlet.
                                                         Spired on = sed . Doperthog ?
                                                         1f( m == (26+11)
evels tolvaseath
                                                         eper it (2005 = wbost 11)
    - class to handle HTTP requests.
    - it overrides service () and internally calls
                                                         P156 ... God (200 (200))
        dogets, dotosts, dotteds, ... methods depend
        on current req. method.
                                                       void do Cet (seg, seg) } throw ... 5;
                                                       void do Post seq, seg) & throw ... 5:
```

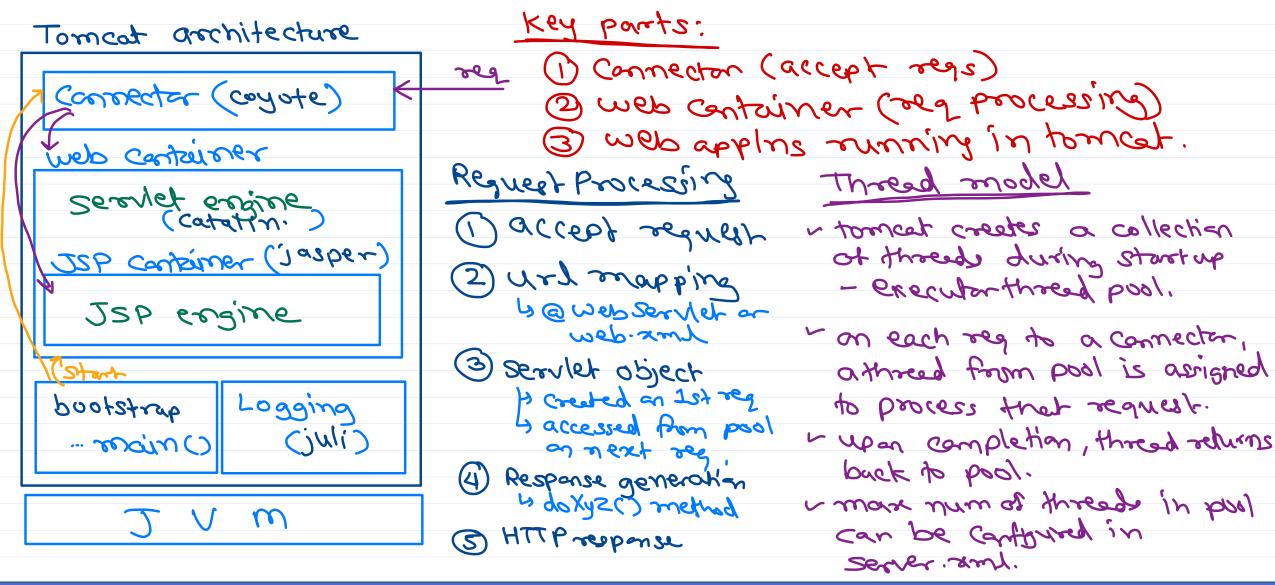


Election Management





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,
```





Thank you!

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