

24/2/22

Java Web development

In servlet there are 3 life cycle methods.

- init()
- service()
- destroy()

phases

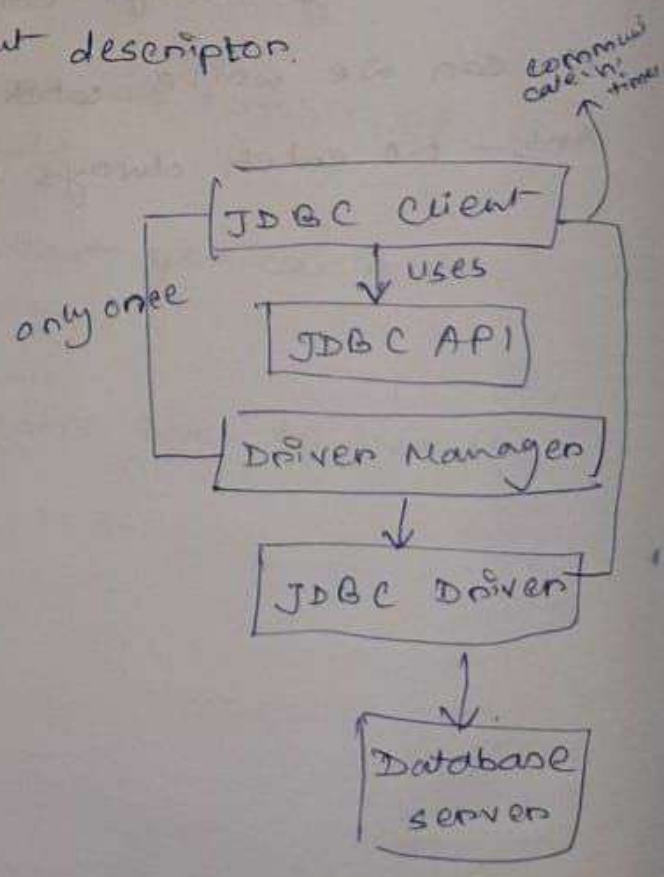
- instantiation
- initialization
- servicing
- destruction

Hello world Servlet

- 1) Project Creation
- 2) Web Resource Development
- 3) Create the deployment descriptor.

JDBC Architecture

- JDBC Client
- JDBC API
- JDBC Driver
- Driver Manager



~~4~~ steps to perform CRUD:

1. Establish the connection
2. create the statement object
3. submit the SQL query to DBMS
4. close the statement
5. close the connection.

JSP

JSP has 3 life cycle method.

jspInit()
jspService()
jspDestroy()

JSP has 6 life cycle phases.

Translation
Compilation
Instantiation
Initialization
servicing
Destruction.

Implicit Objects.

Object Name

Type

config

ServletConfig

request

HttpServletRequest

response

HttpServletResponse

session

HttpSession

application

Servlet context

page

java.lang.Object

PageContext

exception

out

javax.servlet.jsp.PageContext

java.lang.Throwable

javax.servlet.jsp.JSPWriter

Scripting Elements.

1) Declaration

2) Expression

3) Scriptlet.

JSTL → Java Standard Tag Library.