MI-LIND

Java Beans: Application Builder tools, The Bean Developer Kit (BDK), JAR files, Introspection, developing a simple bean, using Bound phopeties, The Java Beans API, Senion Beans, Entity Beans, En

Introduction to Java Sewlet: Sewlet Basics, Sewlet API basic, life cycle of a Sewlet, Running Sewlet.

JAVA Seevlet

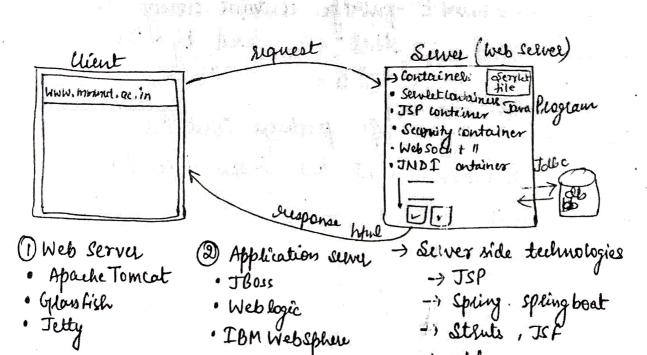
Selvet: - Selver - side technology which is used to

- hardle the client request

-> process the lequest

-> generate dynamic response.

Client -> blowser (chrome, Mozilla Firefox, Opera, Internet Explorer)



- 9) Difference b/w CGII (Common Gotteway Interface) and Hypertext Prepreprocessor (PHP)
- 3) Difference Ww Surlet & CGI

Seevlet API (www. Javatpoint. com/sewet-api)

In Java, to create web applications we use Servlets. To create Java Servlets, we need to use Servlet API which contains all the necessary interfaces and classes.

- D Javax. Selvlet API has 2 pacakages namely,
- D Javax. Selvet. http > geeks for geeles. 039

 (study from this website)
- interjoiers & clares that are used by the servet or web container.
- interferes & classes that are responsible for http requests only.

dife cycle of a Sewel

1) Devolt class is loaded.

Devlet instance is created.

3) init method is invoked.

dervice method is invoked.

Odestroy method is involved.

Depublic void destroy O

init

public void init (Servlet Config config) throws Servlet Exception

Surice method

public void service (Servlet Request, Servlet Response response) throws Sewlet Exception, ID Exception

Destroy Theory - Make The E

whow See . Co. Lin

- · Java Beans are developed with the mole of
- "White Once and Run any where".

 The Tava Bean is a sensable and Platform.

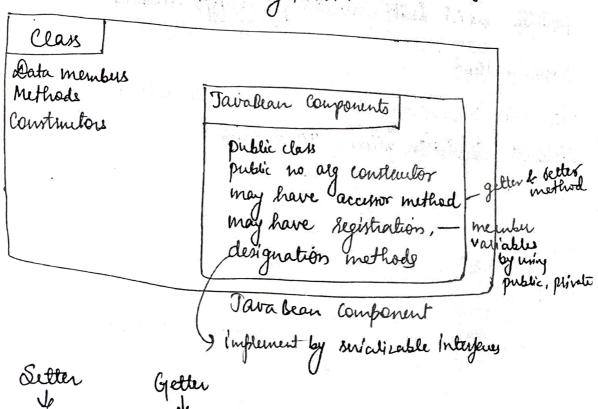
 Indonesia to the sensable and Platform. Independent component.
- I Java beans are classes

What is a Bean?

Mutatox

Accemor

- Many no. of objects that can be encapsulated in a single objects
- -> Bean components can be manipulated visually in a Builder tool. Ex. Swing, Aut.



what are the benefits of a jar fele? with all the steps to coreate a far file.? (a) For file: - Java Archiver file 2) Security p.s.um (string [] an) (i) compression iii) Postability Reduced doventoad time _ sleighers orchive steps to create for files C:1> Jan - CVM) A. Jan A. cbss Plu - Irelade monglest anjormation Venbose output jar-9 Explain are Threads of Also Explain all the way of coreating thread 8 in Java along their states? Exporn with forgram. Thoroads: - Are light weight Sub process which is the Smallest unit of processing Extending Thoroad class, public state Void main (storing [Jan] (closs to extends Thoroad kublic void run () tobj1 = hew ti(); 9 S. O. P (" ABe "); Starte); || Starts the

Implementing Runnable Interface

Close of 9mplements Runnable

fublic void run()

S. o. P(a xyz);

D. S. V.M (storing [Jan])

Thoread of = hew Thread (1;

L. p start ();