1) mit: + Web Server Concept: Web server is a computer where the Neb content is stored. Barically web senier is used to host the web sites but there exists other web servers also Such as gaming, storage, FTP, email etc. Web site is collection of web pages while web server is a software that respond to request for web resources. Web server respond to the client request · Sending the file to the client associated with the requested URL.

Crenerating response by invokning on script and communicating with data base static data Application data stone Stone data response static data Application sener request scrifet redo web contai-Web server HTTP HILD LEZD. Jother Services nequest response web client



. When client sends request for a web page, well sever search for the requested page if requested page is found then it will send it to client with an 14771? rec pouse. . If the requested web page is not found, web server will send an HTTP response Evor 404 Not found. . If client has requested for some other resources then the web server will contact to the application server and data stone to construct the HTTP response. * Architecture of web sever: web senier Architecture Pollons, the following two approaches: 1. Concurrent approach 2 Single- process-Exent-Diven approach. Concurrent Approach: Concurrent offrach. allows the web server to handle multiple cient requests at the same time. It can be achieved by following methods: · Wylti-process

multi-thraded Itybrid method. - multi-processing:

In this single process (parent process) iniates senieral singu timaact child processes and distribute incoming requests to these wild processes and fact of the child processes and one responsible for handling single re quest.

It is the responsibility of parent process to moniter the load and decide if processes thenld be killed or forced.

multi-threaded:

Unlike multi-process

It creates multiple single-threaded MACESS.

It is the combination of above two approaches. In this approach multiple process are created and cach process initiates multiple throads. Each of the throads handres one conne-Ction. Using multiple throads in Single process results in less toad on system resources.



Comample of sevier:

Apache 1+TTP senier:
This is the most popular web sensor in the world developed by the Apache costroan Foundation. Apache web server is an open source software and open on almost an operating systems including linua, UNIX, Window Frec 1350, mac of x and mon, About 60%. of the web server machines run the Apache Web server.

Dynamic Content:

Dynamic Content Caka adap

i content that tive content refers to the neb content that changes based on the behavior professions professions to and interests of the user. It refers to reclusites as well as exmail content and is generated at the moment a user prequest à page. Dynamic 20nteur is pennarized and adopted based on the data you have, about the user at the time its goal. it to deliver an Engaging and satisfying online oppositual for the wisitor.

Grenerally personed by applications and scripts, dynamic content works in tanden with stic content. A classical exampin is the HTML content of a landing page or of an e-mail that changes to display



information that is relevant for the

the viruoer based on location or previous

ous interactions with the vochsite.

An e-mail where the user's name is

retricted from the database and inserted automatically via HTML tent is

another example of dynamic content.

* concept of orchitecting web supplications

The web application architecture describes the interactions bette applications databases and middleware system on the web. It ensures that multiple applications work simultaneonely. Let us understand it with a simple of opening a webpage.

As som os the user like the go button after typing a use in the address born of a web bonnsor, it requests for that particular voels address,