



Servlets

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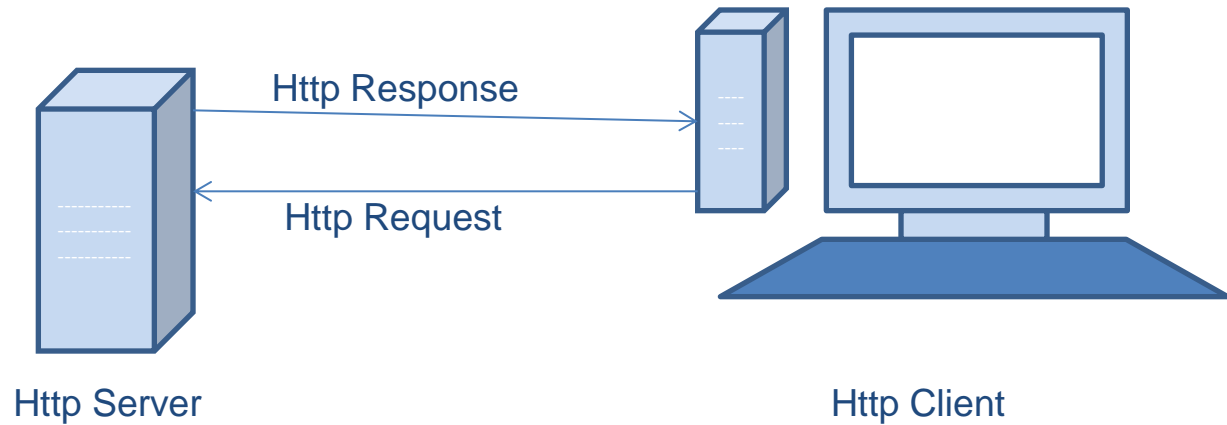
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Agenda

- Basics of HTTP & HTML
- What is a Servlet?
- Servlet Lifecycle

HTTP Basics



HTTP

- HTTP stands for Hypertext Transfer Protocol
- HTTP uses the client-server model
- HTTP client - a browser ,sends requests to an HTTP server (Web server)
- Server returns a response message, usually the requested resource
- HTTP is a Stateless protocol
- The default port for HTTP servers to listen on is 80

HTTP Methods

GET : The request data gets appended to the request URL.

POST : The request data is passed as part of message body

HEAD : Similar to GET, except it asks the server to return the response headers only (No message body)

PUT : To upload a resource on server

DELETE : To delete a resource from server

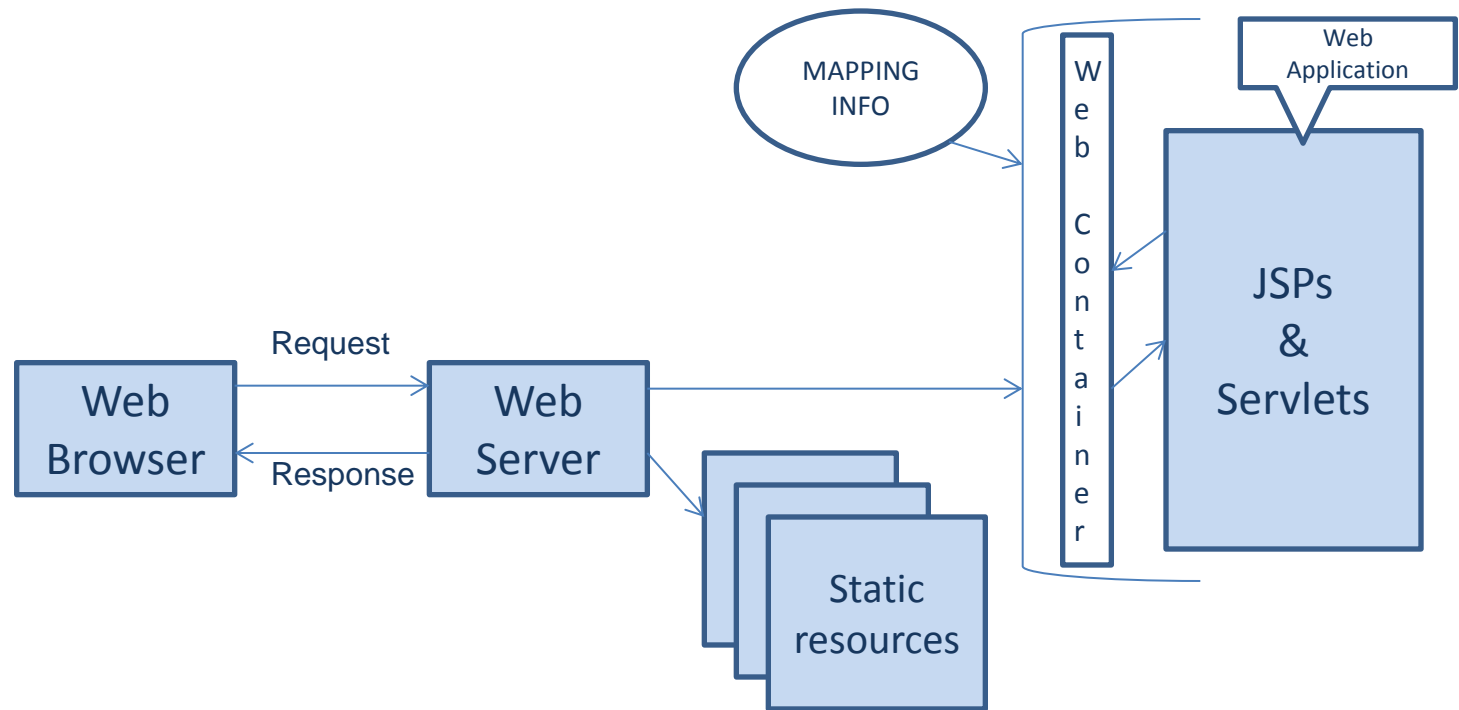
Web Server Technologies

- CGI
- NSAPI
- Servlet
- JSP
- ASP

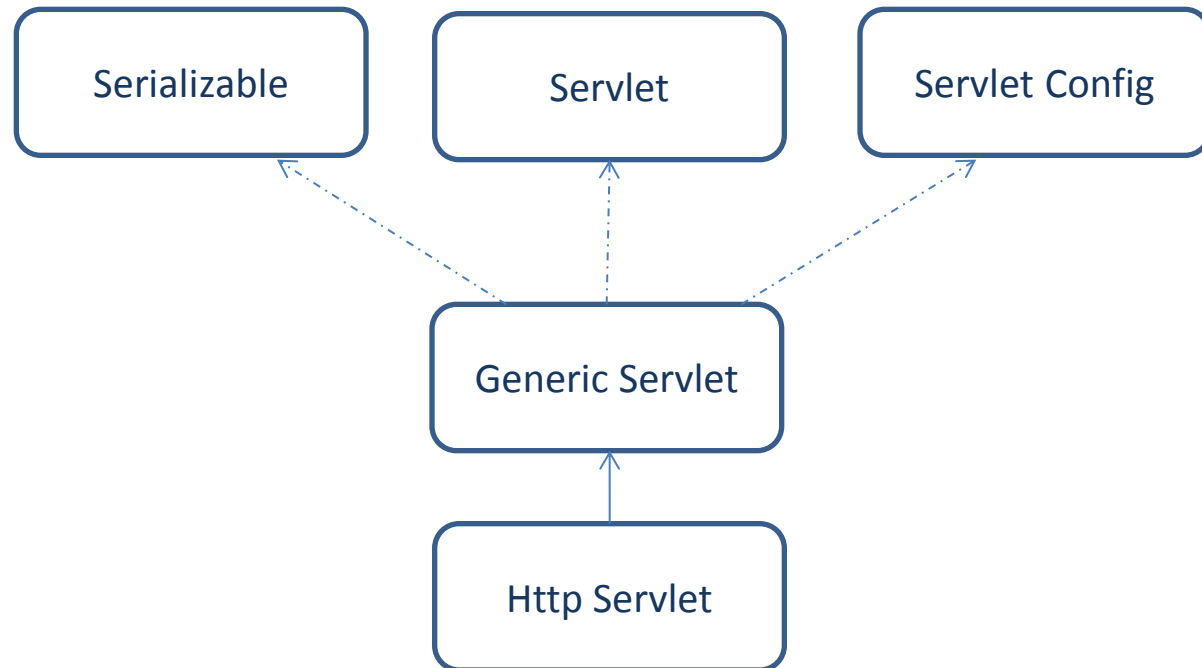
Advantages of Servlet Technology

- Efficient
- Persistent
- Portable
- Robust
- Extensible
- Secure

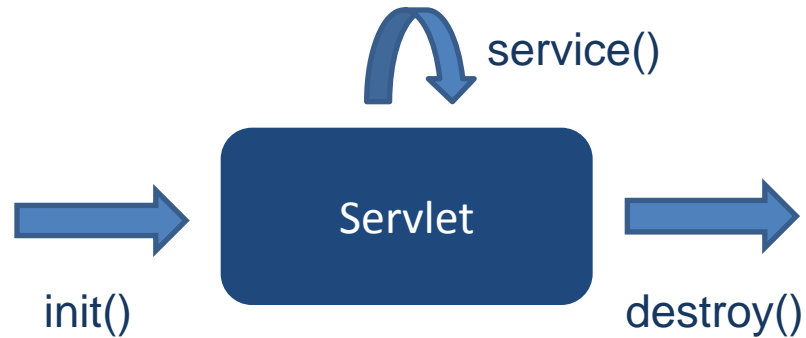
Request Response Flow



Servlet



Servlet Life Cycle



Any Questions?

