

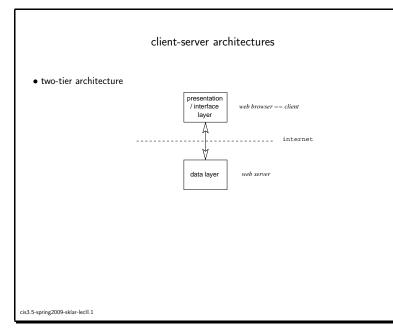
clients and servers

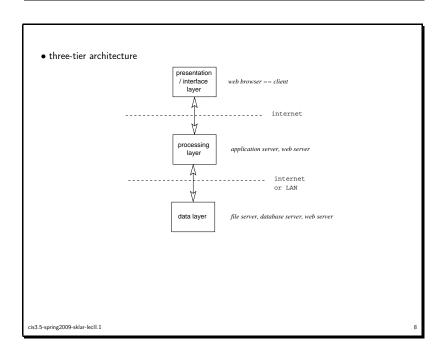
• server:

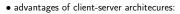
- computer on a network which carries out some **service** for another computer
- client:
 - the other computer for whom the server is carrying out the service
- types of servers:
 - file server
 - * provides files for clients
 - database server
 - \ast specialized file server that provides databases (structured files) for clients
 - web server
 - \ast specialized file server that provides files that make up the components of a web site,
 - \ast for example: HTML documents, CSS files, images, video clips, etc.
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- groupware server
 - \ast manages scheduling for individuals and groups of co-workers/collaborators
 - \ast provides reports (e.g., billing) for collaborators
 - * supports mailing lists for collaborators
 - * e.g., Lotus Notes
- mail server
 - * sends mail
 - * receives mail
 - * stores mail
- application server
- * provides access to particular applications
- * e.g., game server

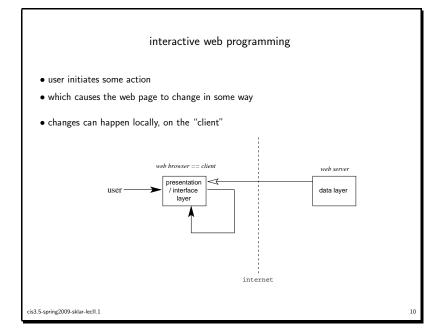
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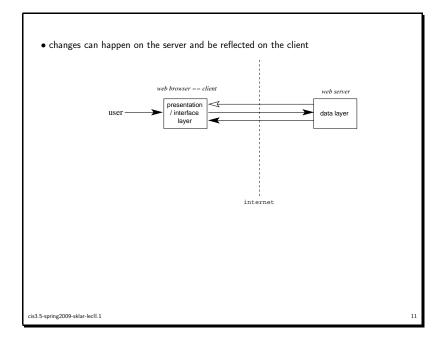




- isolates data storage technology
- places more burden on server (instead of client)
- distributes tasks amongst server(s)
- follows object-oriented and modular programming paradigms



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- Processing
 - language written for artists
 - changes happen locally, on the client
- Many Eyes
 - data visualization software
 - $-\ensuremath{\mathsf{changes}}$ happen on the server and are reflected on the client