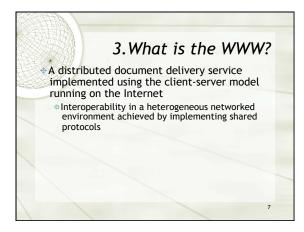


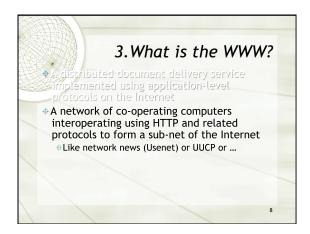
2.One definition	n of Hypertext
Text which does not form sequence and which may various orders; writen specially text and graphi interconnected in such a of the material can dis one document at certain	7 be read in Television (10,1) or printed words' cs which are way that a reader scontinue reading
consult other related ma	Simpson & Weiner (eds.) Oxford English Dictionary
'a book or other written or printed work, regarded in terms of its content rather than its physical form' Dictionary (versi 2005 Apple C	Additions Series (vol. 2, 1993)
	4

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2.1 Another definition of Hypertext

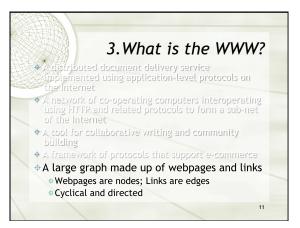
Both an author's tool and a reader's medium, a hypertext document system allows authors or groups of authors to link information together, create paths through a corpus of related material, annotate existing texts, and create notes that point readers to either bibliographic data or the body of the referenced text... Readers can browse through linked, cross-referenced, annotated texts in an orderly but non-linear manner?

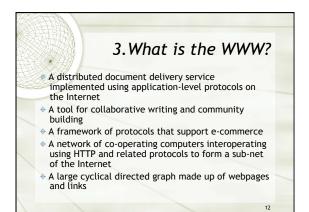


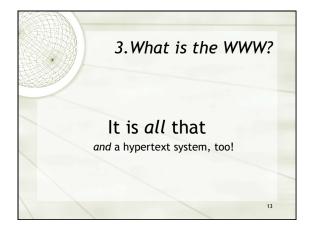












Computing, Hypertext, & the WWW How those parts fit together in CSCI 3172



What do the applications have in common?

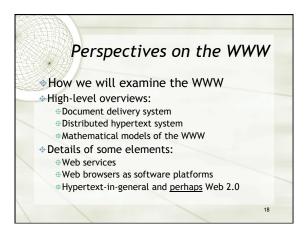
E-commerce

- Collaborative writing
- Collaborative community building
- Distributed document delivery service
- They all use the WWW as scaffolding
 It is the framework that enables them

16

15

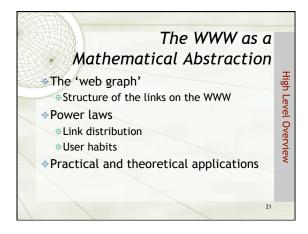
In Web-Centric Computing... We do computing on the WWW Putting the WWW under a microscope Using it as a programming platform Not programming of the WWW Writing protocols, and applications However it is important to understand how everything works at a deep level 17

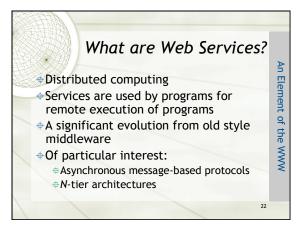




The WWW as a Hypertext System	
 Distributed over the Internet Status codes (404, etc.) Document formatting Mark-up languages Dynamic documents CGI protocol Interactivity and agency Web 2.0 	High Level Overview
 Beyond the basics Linkbases, Open Hypermedia, multi-links 	







Web Browsers as Software Platforms An Element of the WWW • Scripting languages Cascading Style Sheet language + The DOM as a standard API (not just data) Of particular interest: +Gain programming experience Comparing cascading and inheritance + Errors and Opportunities: ⊗Graceful degradation Progressive enhancement 23

Some upcoming assignments

- + Install personal Apache WWW server
- Create an interactive Javascript-based application using more than basic HTML
- depository) to make a small website enhanced with Ajax
- + Create a database-driven website
- + Perhaps build a WWW-crawler/search engine Rework a complex webpage or small site to make it meet level AAA of WAI guidelines

25

- Perhaps assess quality of websites using usability.gov guidelines



