


Announcements


- Due by today
 - * Chapters 1-4 in *Fluency*
- For Friday
 - * Read Chapter 5

1



NETWORKING WRAP-UP


2



Video

- History of the Internet...


3



One-liners

- Most important point in this video?


4



Protocols

- List as many as you can think of....
 - * Example—http


5



WWW vs. Internet

- Internet is all the wires, routers, gateways, servers—all using TCP/IP to transfer packets
- Many different protocols use the Internet
 - * ftp, email, chat, IM, Skype, VoIP, http


6



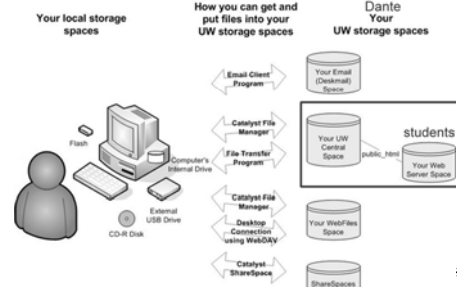
WWW vs. Internet

- WWW is the part of the Internet that uses the http protocol
 - * Web servers and the Web pages they store and serve
 - * Web browsers are the clients


7



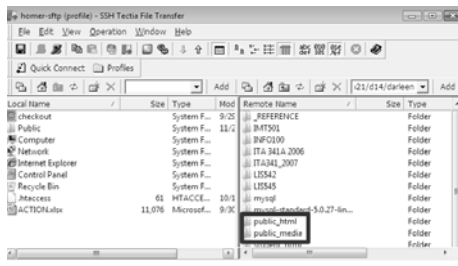
Your UW Storage Space




8



Your Web Files




9




HTTP

- Hypertext Transfer Protocol
 - * Understands how to interpret URLs
 - Uniform Resource Locators
 - * Divides URL into server and pathname



HTTP


<http://faculty.washington.edu/daclem/LIS549sp08/index.html>



HTTP


	http://faculty.washington.edu/daclem/LIS549sp08/index.html
<p>PROTOCOL (Web)</p>	

HTTP



http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	


HTTP



← Read Right to Left

http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	


HTTP



← Read Right to Left

http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	
	1. Domain: edu	


HTTP



← Read Right to Left

http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	
	1. Domain: edu	
	2. Subdomain: washington	


HTTP



← Read Right to Left


http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	
	1. Domain: edu	
	2. Subdomain: washington	
	3. Server: faculty	

HTTP



http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	PATHNAME
	1. Domain: edu	
	2. Subdomain: washington	
	3. Server: faculty	


HTTP



Read Left to Right →

http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	PATHNAME
	<ol style="list-style-type: none"> 1. Domain: edu 2. Subdomain: washington 3. Server: faculty 	


HTTP



Read Left to Right →

http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	PATHNAME
	<ol style="list-style-type: none"> 1. Domain: edu 2. Subdomain: washington 3. Server: faculty 	<ol style="list-style-type: none"> 4. Account: daclem


HTTP



Read Left to Right →

http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	PATHNAME
	<ol style="list-style-type: none"> 1. Domain: edu 2. Subdomain: washington 3. Server: faculty 	<ol style="list-style-type: none"> 4. Account: daclem 5. Folder: LIS549sp08


HTTP



Read Left to Right →

http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	PATHNAME
	<ol style="list-style-type: none"> 1. Domain: edu 2. Subdomain: washington 3. Server: faculty 	<ol style="list-style-type: none"> 4. Account: daclem 5. Folder: LIS549sp08 6. File: index.html


HTTP



Read Left to Right →

http://faculty.washington.edu/daclem/LIS549sp08/index.html		
PROTOCOL	SERVER	PATHNAME
	<ol style="list-style-type: none"> 1. Domain: edu 2. Subdomain: washington 3. Server: faculty 	<ol style="list-style-type: none"> 4. Account: daclem 5. Folder: LIS549sp08 6. File: index.html

HTTP



Finding Server and Pathname

<http://courses.washington.edu/wtcampus/autumn/>

- **Finding the Server:**
 1. Domain: *edu*
 2. Subdomain: *Washington*
 3. Server: *courses*
- **Finding the Pathname:**
 4. Account: *wtcampus*
 5. Directory: *autumn*



FIT100

Activity

- Dissecting URLs...

25



FIT100

Networks...

- To be continued on Friday

26