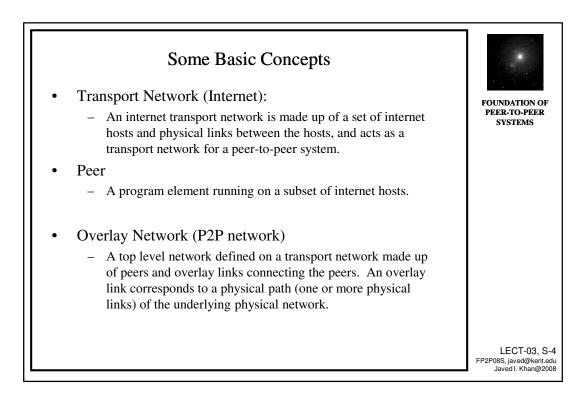
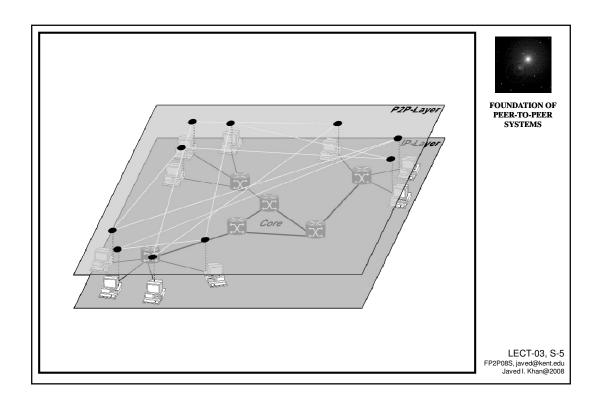
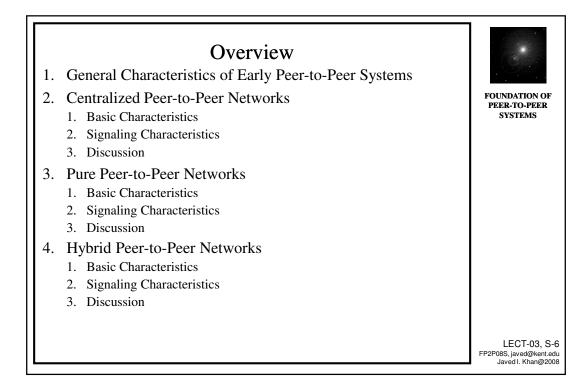
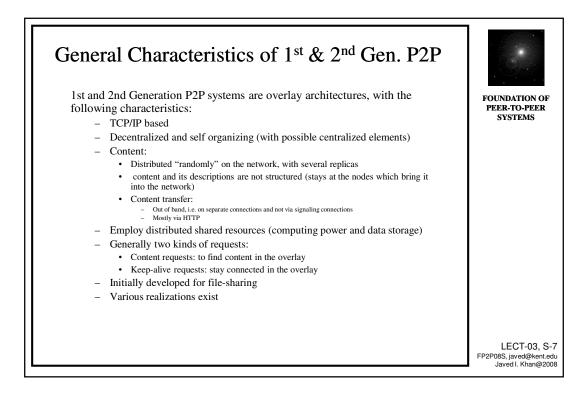


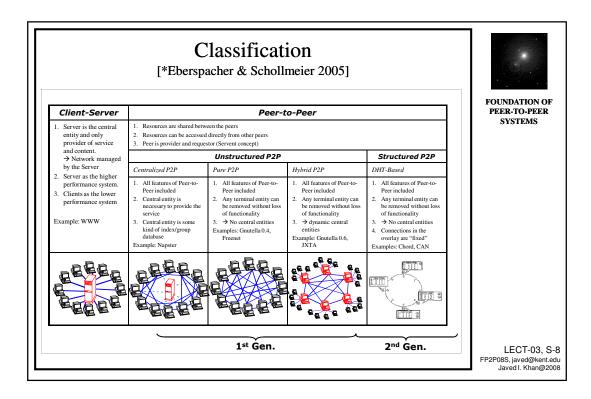
Emerging Classification Peer-to-Peer Systems

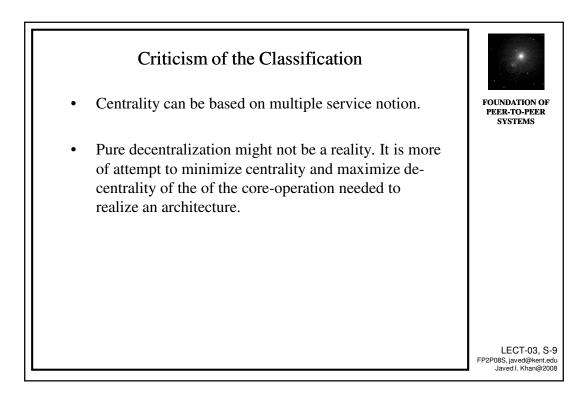


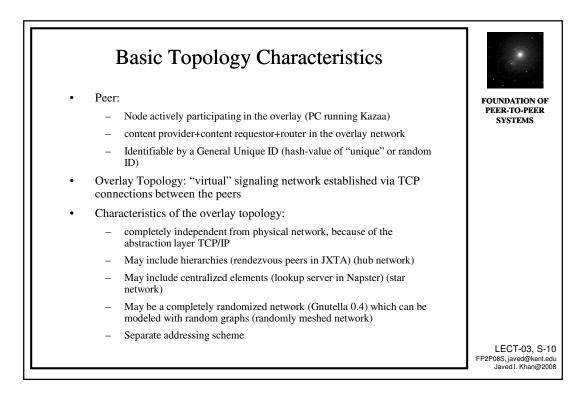


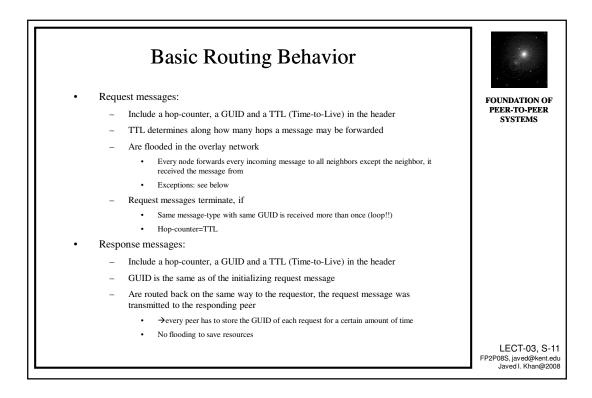


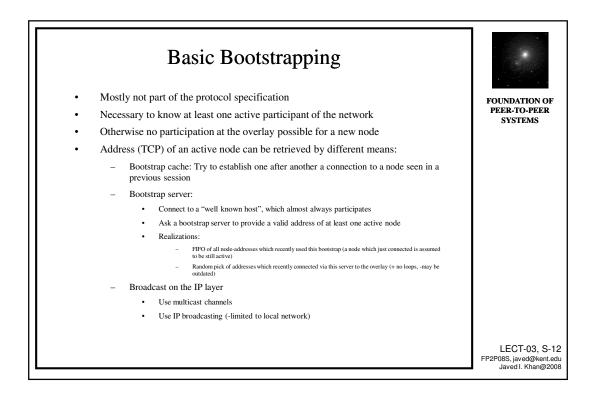


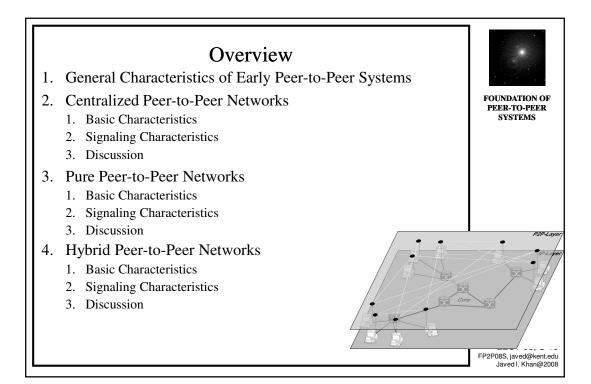


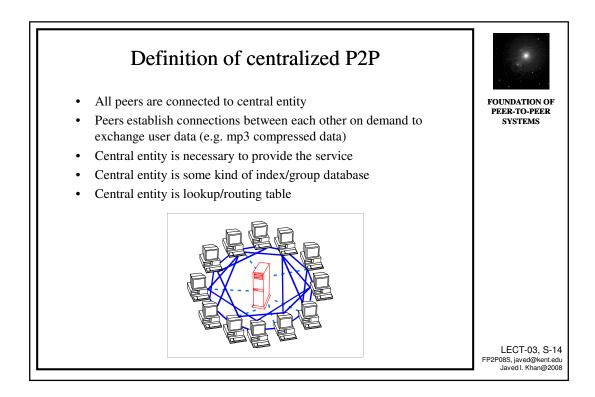


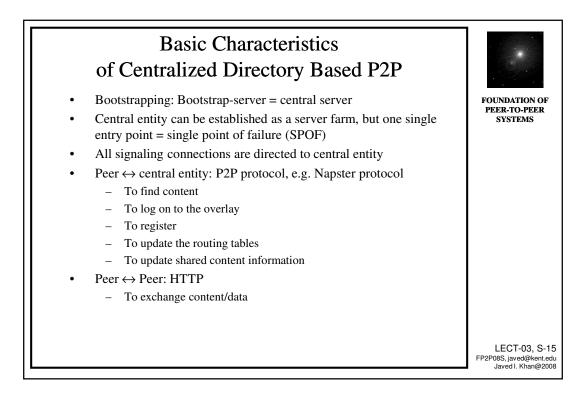


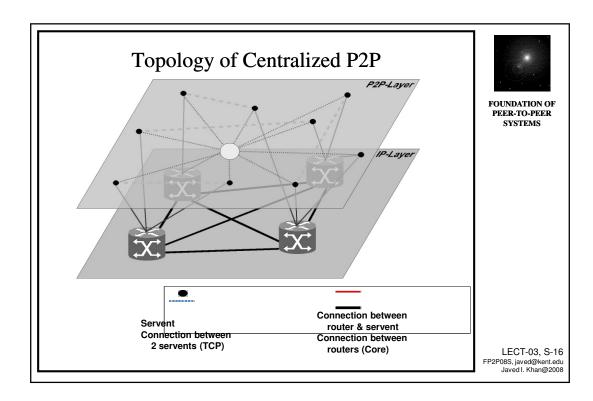




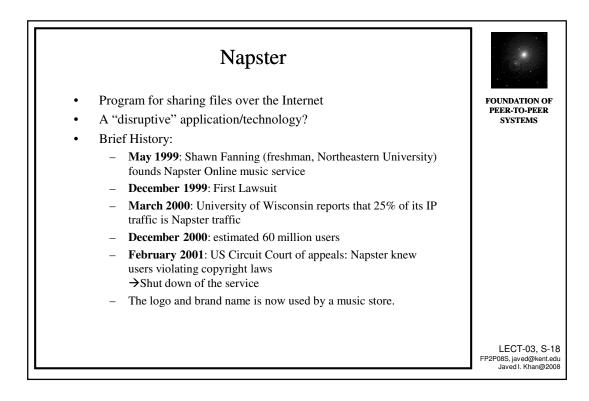


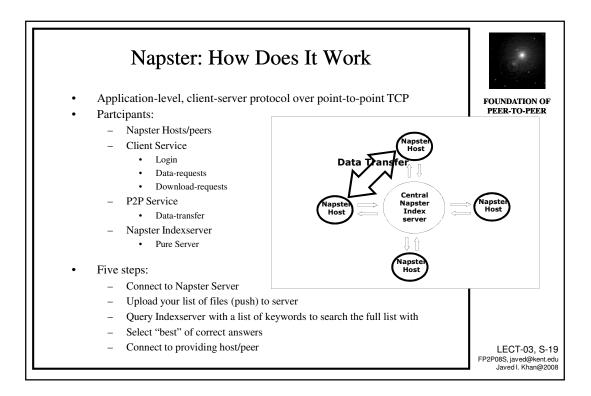


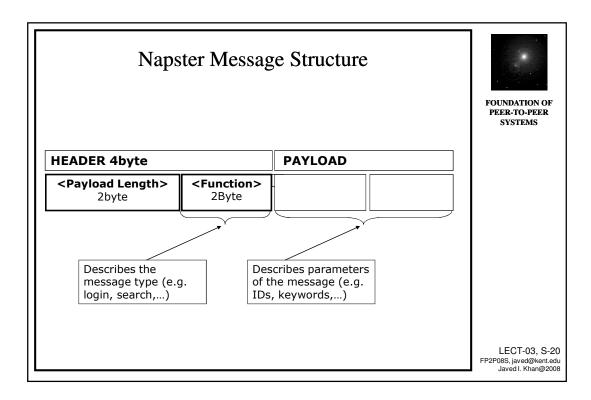


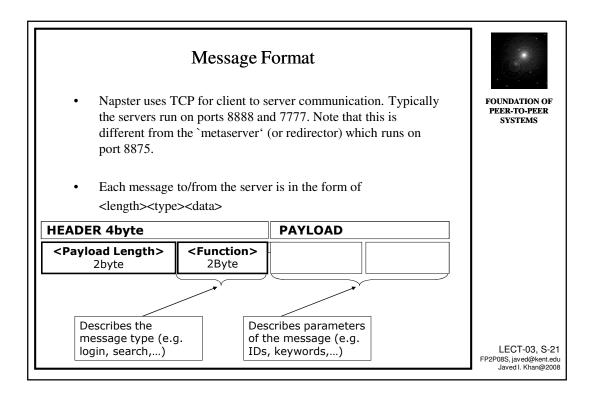


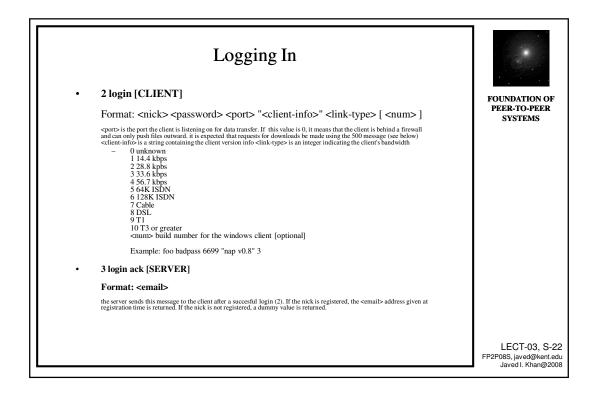
Example: Napster Architecture

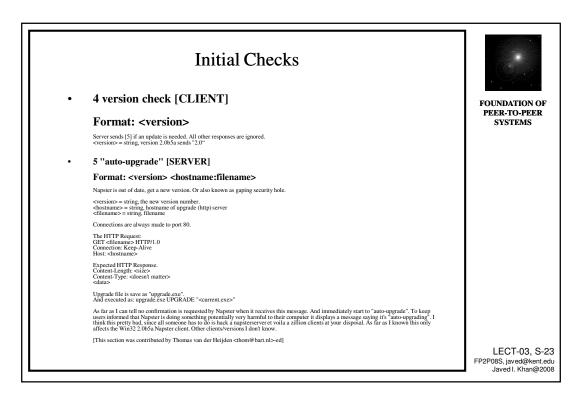


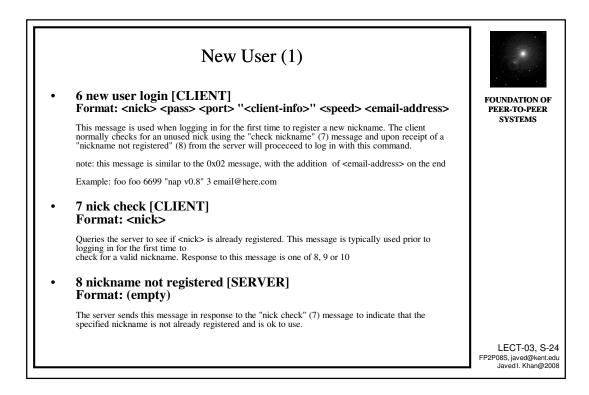


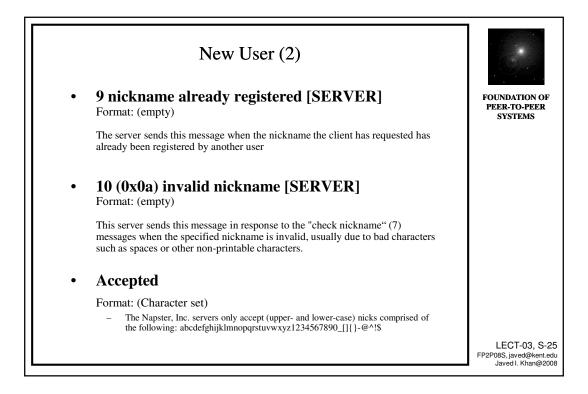


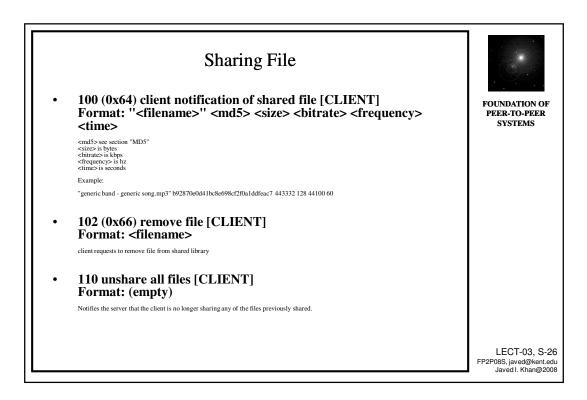


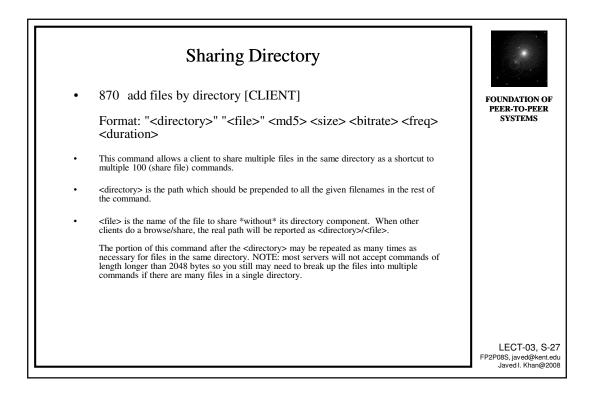












Query (1)	
• 200 (0xc8) client search request [CLIENT]	FOUNDATION OF
[FILENAME CONTAINS "artist name"] MAX_RESULTS <max> [FILENAME CONTAINS "song"] [LINESPEED <compare> <link-type>] [BITRATE <compare> " "] [FREQ <compare> "<freq>"] [WMA- FILE] [LOCAL_ONLY]</freq></compare></compare></link-type></compare></max>	PEER-TO-PEER SYSTEMS
 The artist name and the song name are, obviously, treated the same by the server; confirm this for yourself on the windows client. max is a number; if it is greater than 100, the server will only return 100 results. 	
<compare> is one of the following: "AT LEAST" "AT BEST" "EQUAL TO" see 0x02 (client login) for a description </compare>	
 The windows client filters by ping time inside the client. It pretty much has to, and it's easy to see the result by setting ping time to at best 100 ms or so, and max search terms to 50. You'll get back like 3 results, but the client will still tell you that it found "50 results". 	
 Examples: FILENAME CONTAINS "Sneaker Pimps" MAX_RESULTS 75 FILENAME CONTAINS "tesko suicide" BITRATE "AT LEAST" "128" MAX_RESULTS 100 FILENAME CONTAINS "Ventolin" LINESPEED "EQUAL TO" 10 	
	LECT-03, S-28 FP2P08S, javed@kent.ed Javed I. Khan@200

