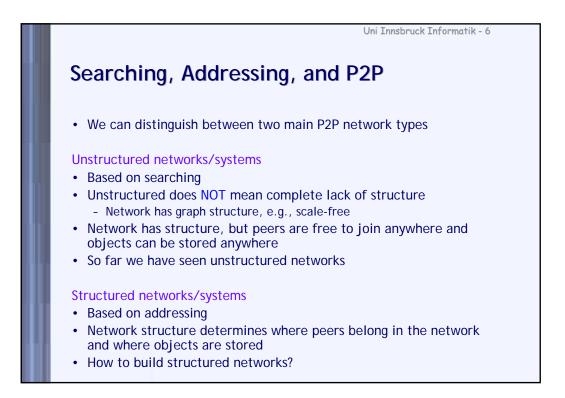
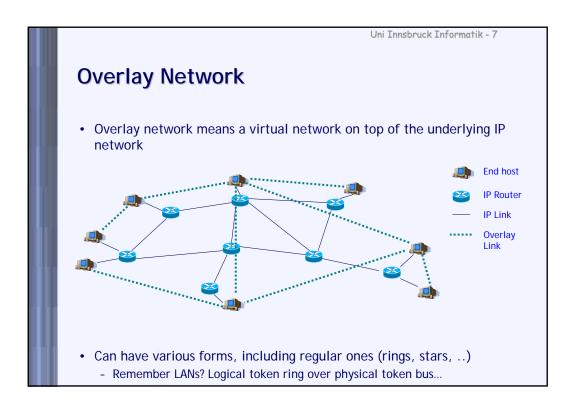
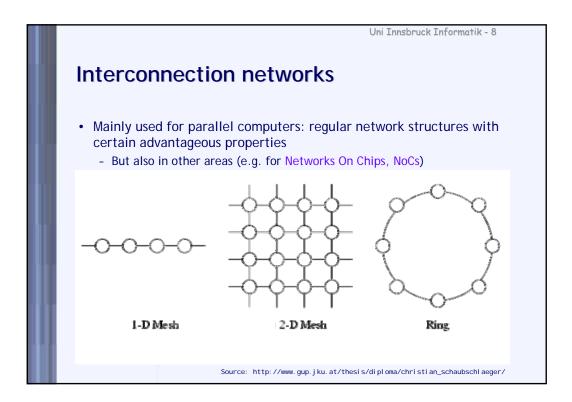
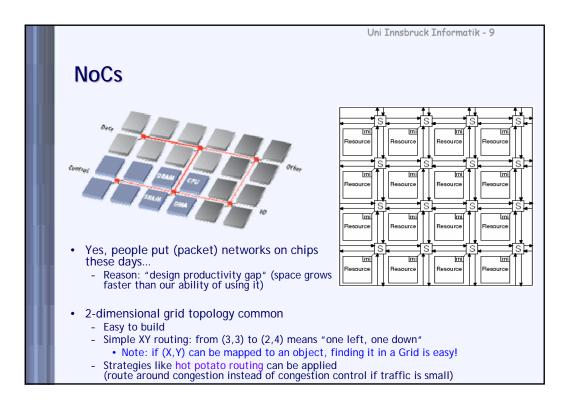


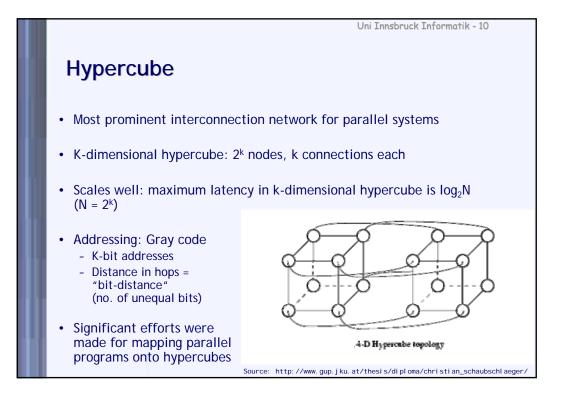
ddrossing	ve Soarching: Ev	amplos	
uui essiriy	vs. Searching: Ex	ampies	
	Searching	Addressing	
Physical name of object	Searching in P2P networks, Searching in filesystem (Desktop searches) (Search components of URL with Google?)	URLs in Web	
Logical name of object	? (Search components of URNs)	rks,	
Content or metadata of object	Searching in P2P networks, Standard Google search Desktop searches		

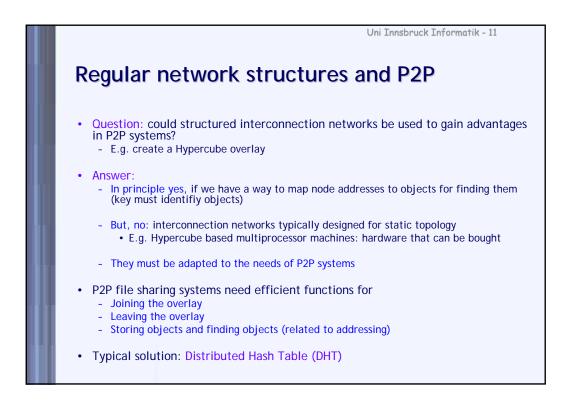


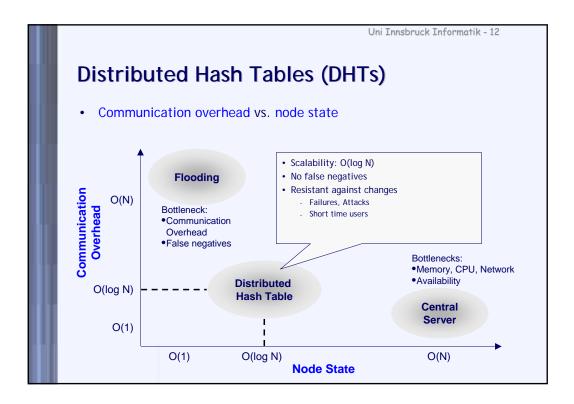


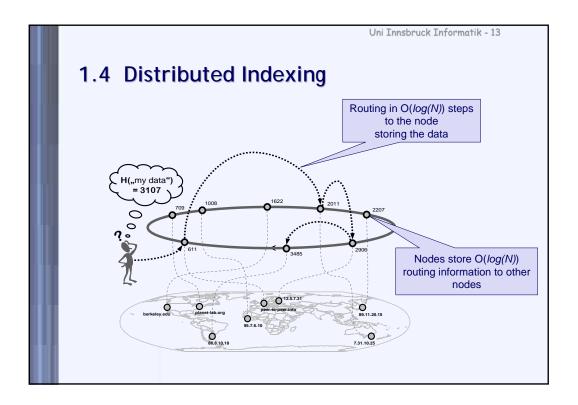












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	Distributed Ind	exing							
	<ul> <li>Approach of distributed indexing schemes <ul> <li>Data and nodes are mapped into same address space</li> <li>Intermediate nodes maintain routing information to target nodes</li> <li>Efficient forwarding to "destination" (content - not location)</li> <li>Definitive statement of existence of content</li> </ul> </li> </ul>								
	<ul> <li>Problems         <ul> <li>Maintenance of routing information required</li> <li>Fuzzy queries not primarily supported (e.g, wildcard searches)</li> </ul> </li> </ul>	System	Per Node State	Communi- cation Overhead	Fuzzy Queries	No false negatives	Robustness		
		Central Server	O(N)	O(1)	~	~	×		
		Flooding Search	O(1)	O(N²)	~	×	~		
		Distributed Hash Tables	O(log N)	O(log N)	×	~	~		

