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- This is a relative new concept!
- What else would you search on?
- What's more effective?
- o Why is this hard in many applications?









 Databases vs. IR			
	Databases	IR	
What we're retrieving	Structured data. Clear semantics based on a formal model.	Mostly unstructured. Free text with some metadata.	
Queries we're posing	Formally (mathematically) defined queries. Unambiguous.	Vague, imprecise information needs (often expressed in natural language).	
Results we get	Exact. Always correct in a formal sense.	Sometimes relevant, often not.	
Interaction with system	One-shot queries.	Interaction is important.	
Other issues	Concurrency, recovery, atomicity are all critical.	Issues downplayed.	

















A Tour of This Course
 Major themes:
Learn about the IR black box
 Put the user back in the loop
 Extensions beyond standard document retrieval
 Along the way:
 Homework assignments
 Midterm and final
Project

















• You should be:	
 Familiar with the general operation of a computer Comfortable with learning new applications and computing environments 	
 What about programming? Not necessary But you may get more out of the course if you know some programming 	