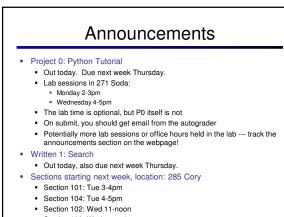
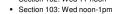
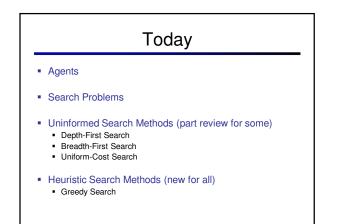
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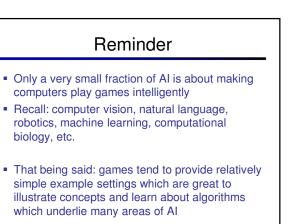
Lecture 2: Queue-Based Search 1/21/2010

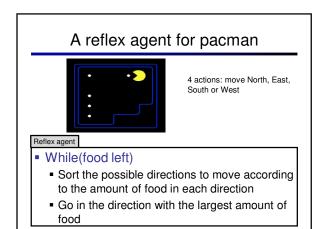
Pieter Abbeel - UC Berkeley Many slides from Dan Klein

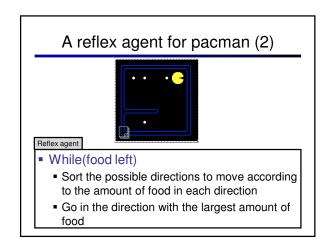


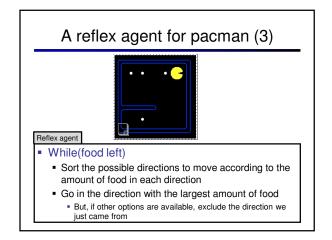


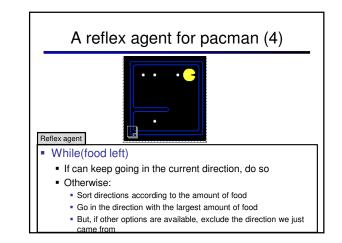


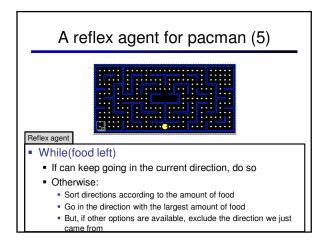


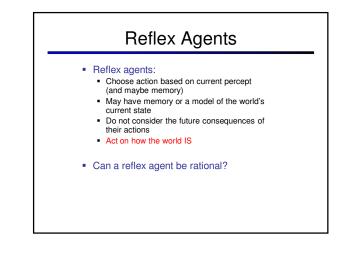


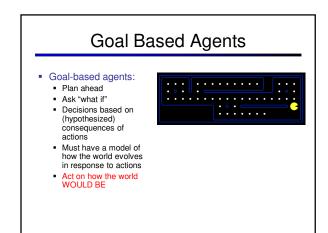


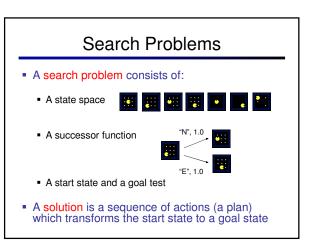


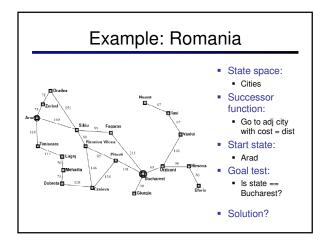


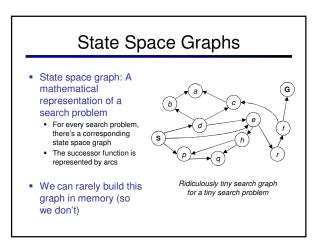


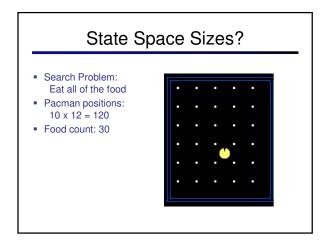


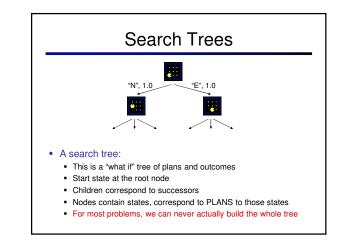


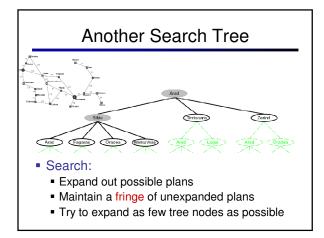


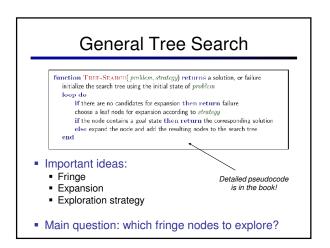


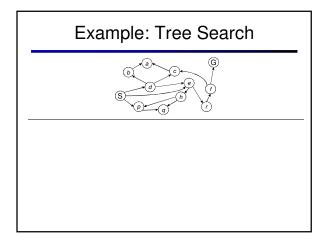


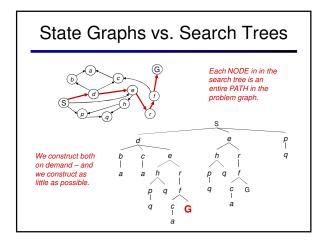


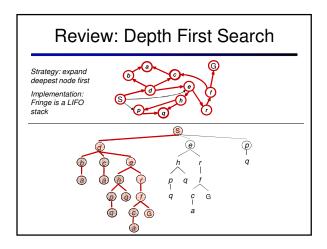


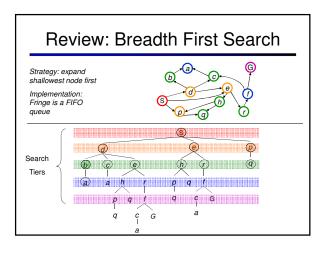


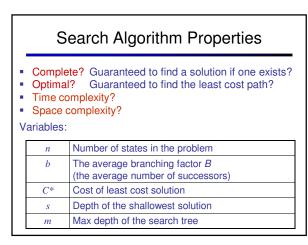


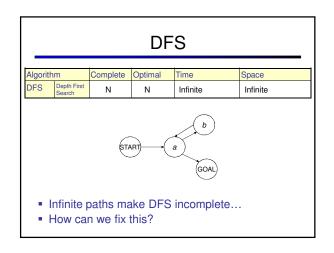


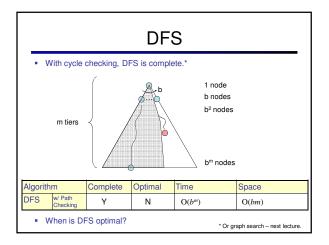


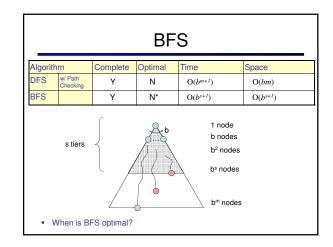


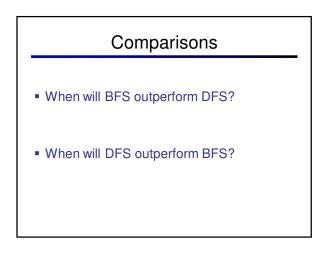


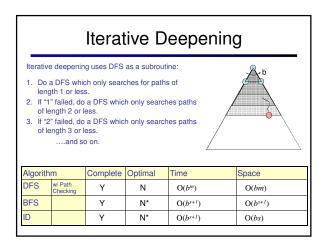


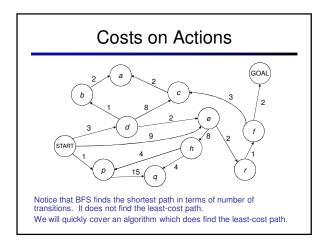


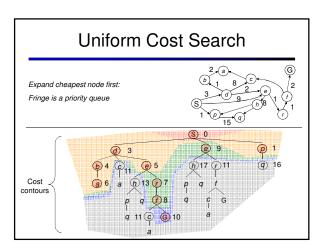












and retrieve (key, value) p pq.push(key, value) inserts (structure in which you can insert pairs with the following operations: (key, value) into the queue.
pq.push(key, value) inserts (5 -
	(key, value) into the queue.
na pop() returns	
	the key with the lowest value, and es it from the queue.
You can decrease a key's	priority by pushing it again
Unlike a regular queue, insually O(log <i>n</i>)	sertions aren't constant time,
We'll need priority queues	for cost-sensitive search methods

