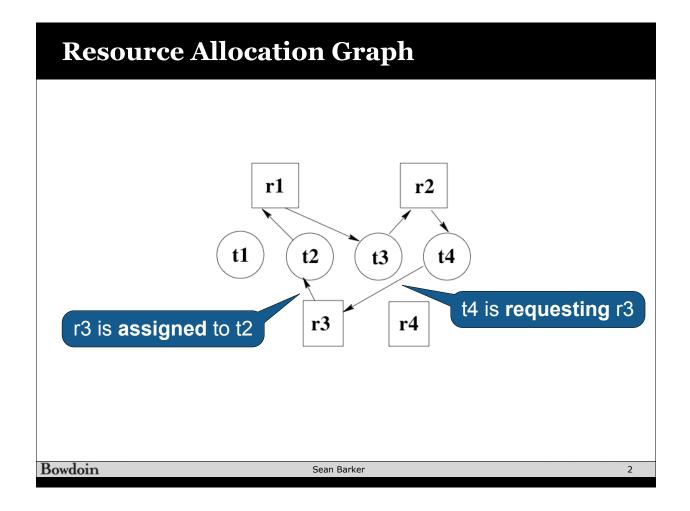
Deadlock

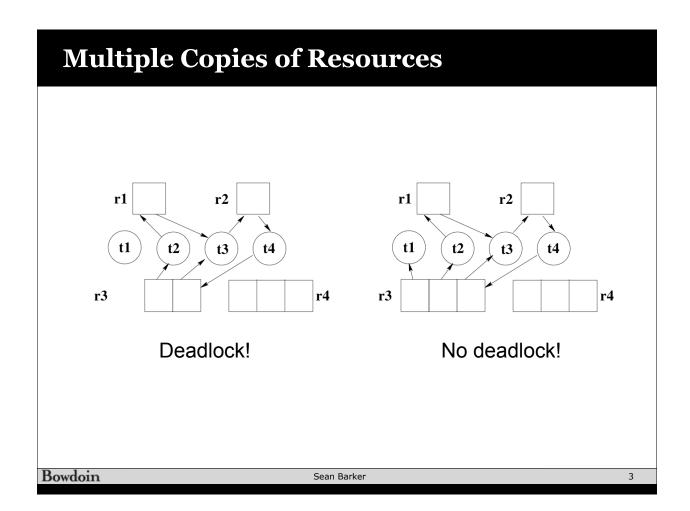
Thread A:	Thread B:
<pre>lock1.acquire(); lock2.acquire();</pre>	<pre>lock2.acquire(); lock1.acquire();</pre>
// do something	// do something
<pre>lock1.release(); lock2.release();</pre>	<pre>lock1.release(); lock2.release();</pre>

Bowdoin

Sean Barker

1





Allocation Example (1) 3 threads sharing 12 disks (11 currently used) could request maximum current 4 3 1 \mathbf{t}_1 \mathbf{t}_2 8 4 4 12 4 8 **t**₃ Safe state? Bowdoin Sean Barker 4

