











Process States	← University of TECHNIL Day Symmy Faculty of Information Technology
Processes can be in various "states"	
	Memory
$\mathbf{\mathbf{\Theta}}$	wikipedia 11















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Interrupts

- The O/S runs processes continuously until interrupted
- Interruptions come from –Hardware
 - E.g. Ctrl-Alt-Delete keystroke, move mouse, network - Programs
 - E.g. runtime error, pause for input, wait for block of data to load from disk

Interrupts

 O/S will force current running process into "blocked" state & runs a special "interrupt handler"
 Often it will pass control to a different process while waiting .





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Various types of scheduling exist but most use a "Queue"
Process 1
Process 2

• How does O/S decide when to run each

→ This is called "Scheduling".

Process Scheduling

process on which CPU?





















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