

























































Summary
<ul> <li>Virtual memory provides <ul> <li>Illusion of private memory system for each process</li> <li>Protection</li> <li>Relocation in memory system</li> <li>Demand paging</li> </ul> </li> <li>But - page tables can be large <ul> <li>Motivates: paging page tables, multi-level tables, inverted page tables</li> </ul> </li> <li>Next time <ul> <li>Integration of virtual memory into cache hierarchy</li> <li>DRAM memory organization</li> </ul> </li> </ul>
UTCS Lecture 20 30 CS352, S05