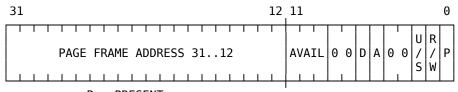
Page Table Entry

Intel i386 Page Table Entry

- Commonly 4 bytes (32 bits) long
- ightharpoonup Page size is usually 4k (2^{12} bytes). OS dependent
 - \$ getconf PAGESIZE
- Could have $2^{32-12} = 2^{20} = 1M$ pages

Could address $1M \times 4KB = 4GB$ memory



P - PRESENT

R/W - READ/WRITE

U/S - USER/SUPERVISOR

A - ACCESSED

D - DIRTY

AVAIL - AVAILABLE FOR SYSTEMS PROGRAMMER USE

NOTE: 0 INDICATES INTEL RESERVED. DO NOT DEFINE.