Memory Management

· hadjud

· process mage

· 3 problems of paging

(goal of MM)

store processes in memory efficiently.

Solution (paging): process = 5 page = 4KB

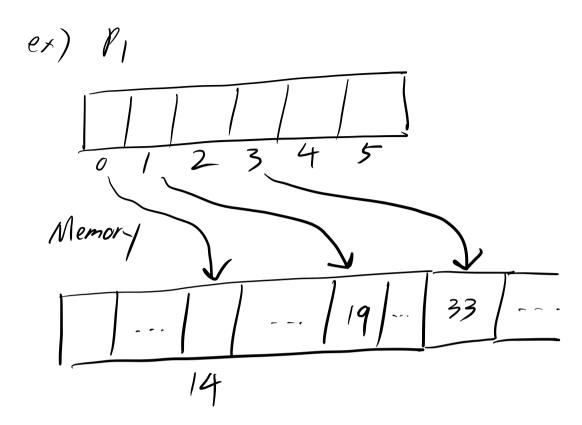
· Memory = 5 page frame.

· store pages in page frames

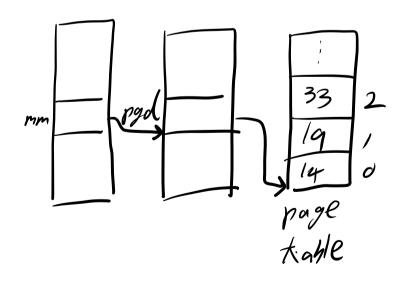
· remember page location in

task_struck -> mm -> pg

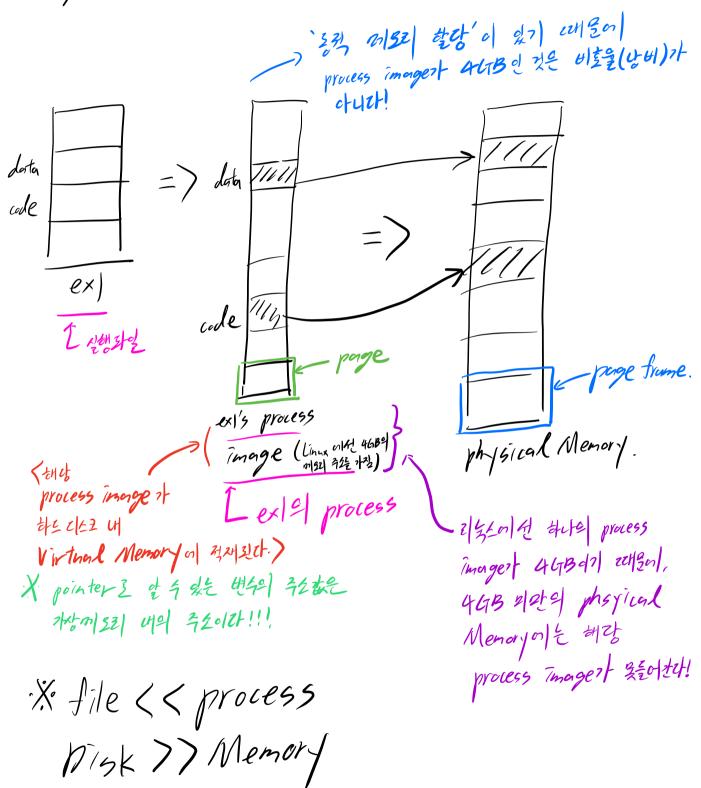
で process かひ 水に 対



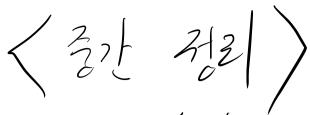




ex) gcc -0 ex ex1.C



< 3 problems of paging> page table too high address computing time getting slow. (solution for process too big) - Virtnal Memory· god和和中 page faulte 胡翅 라 라 den and Paging 'det tet.) - page fount (INT 14 -> do_page_fout()) -locality of reference (\$29 294)



- · 일본라일(.exe)는 '포322성 화일'이다.
- · 포크캠은 캠리 (본드)와 권적 이에서의 붉을이라. (इस जाग्दान अयुस्य हमार्थ एक्टी लिखन सार 존재하고 있을 것이다.)
- · 실행과일 (332개)은 되가 작다. (영 KB 端이) 안된다. 到 이 에러를 가지고 있지 않기 때문인 것 같아.)
- · जास रेसामिश्व रेसायास, process mage (46-18) 2} · process image & Code Section, heap Section, stack Section,
- Pata Section = 3 4410131 Set.
- · 실행되일이 있었던 35(이라이, 건강 변수, 원이변)들이 Process Image = 객찬 이전이 지장되다. (올려 변수는 해당 변을 생성하는 생덩어가 웰킨 흑에, 22/4/of Process Image & heap Godon 2/23/Ct.)
- Process Image 4 723101 dt 925 3, 2000 dot di Est 325et physical Memory3 0/32/ct.

L) demanding Page.

(goal of fs)

. Store files in Disk efficiently

. solution: file = & Block

. Disk = & Block

. Store file blocks in disk blocks

. remember block location in inade

. Ti-block[]

引起外对

- i problems of paging.

 1. process too big.

 2. page table too big.

 3. address mapping getting to slow.
- (Solution for process too big")
- · process = 5 page
- " store only active pages in memory frame.
- remember frame location An nom table

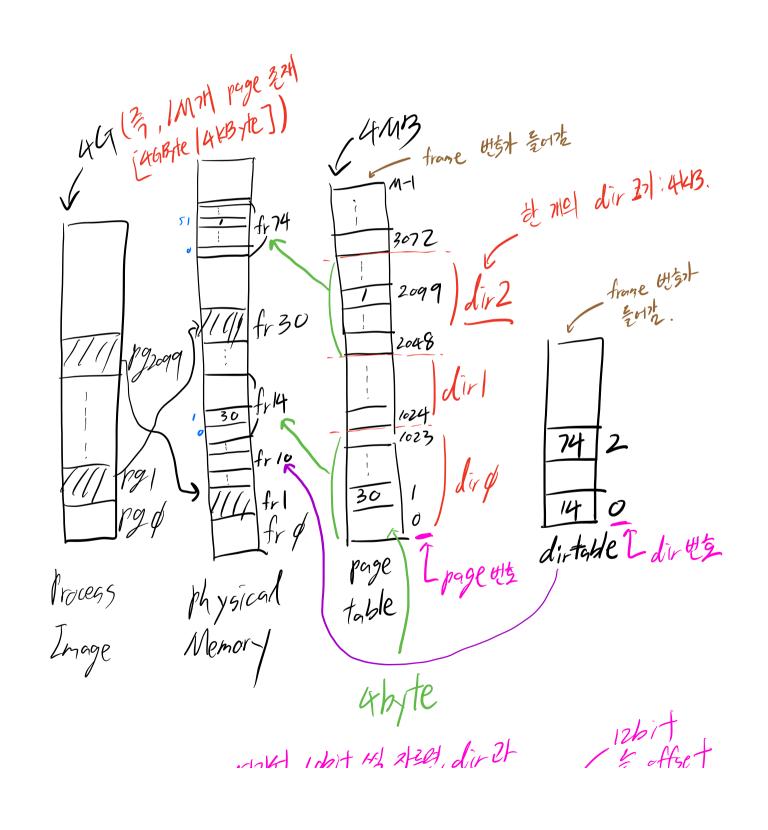
(VI)

< Solution for page table tookig) proje table = I din active direct clinities active direct clinities and memory of stare and active direct. In Memory of Godotal. remember for location in dir Lant dir table 2 physical memory or Lid of the

pop table 1 3th 1/1/1 pg 27

1/1/ p3

1



ex) dir 20 Page 48 Hzt. offsek

0 8 0 4 8 4 0 4
0000 1000 0000 0100 1000 1010 0100

off seti distance