







































| FIFO Page Replacement | |
|---|-----------------------|
| reference string | |
| 7 0 1 2 0 3 0 4 2 3 0 3 2 1 2 0 1 | 7 0 1 |
| 7 7 7 2 2 2 4 4 4 0 0 0 0 0 0 3 3 2 2 2 1 1 1 1 1 0 0 3 3 2 2 2 1 1 | 7 7 7 1 0 0 2 2 1 |
| page frames | |
| | |
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WIN32 API

• Steps:

Create a file mapping for the file Establish a view of the mapped file in the process's virtual address space

A <u>second process</u> can the open and create a view of the mapped file in its virtual address space











Other Issues – TLB Reach

- <u>TLB Reach</u> The amount of memory accessible from the TLB
- TLB Reach = (TLB Size) X (Page Size)
- Ideally, the working set of each process is stored in the TLB. Otherwise there is a high degree of page faults.
- Increase the Page Size. This may lead to an increase in fragmentation as not all applications require a large page size
- Provide Multiple Page Sizes. This allows applications that require larger page sizes the opportunity to use them without an increase in fragmentation.