

## Eviction

Detect Low Memory  
*kswapd* or *direct*  
*reclaim*



Pick Page to Evict  
*shrink\_page\_list()*



Allocate Swap Space  
*add\_to\_swap()*



Fixup PTE and  
Write to RMEM  
*try\_to\_unmap\_one()*

## Bookkeeping

Detect New Pages  
*kpfad* or *page fault*



Walk PT and  
fixup PTE  
*pfa\_new()*



Update Kernel  
Metadata  
*do\_swap\_page()*



**Modified**



**Unmodified**