Working Set Problems

◉ Hard to determine w

◉ Hard to know when the working set changes

➡ However, still used as an abstraction
when people ask, "How much memory does Firefox need?",
they are in effect asking for the size of Firefox's working set

Page Fault Frequency (PFF)

➡ Page Fault Frequency (PFF) is a variable space algorithm that uses a more ad-hoc approach

Monitor the fault rate for each process

- If the fault rate is above a high threshold, give it more memory

- If the fault rate is below a low threshold, take away memory

◉ Hard to use PFF to distinguish between changes in locality and changes in size of working set