

Page Faults vs. Locality

Controlled Variables

$P = 2^{20}$ (1048576)

$s = 0$

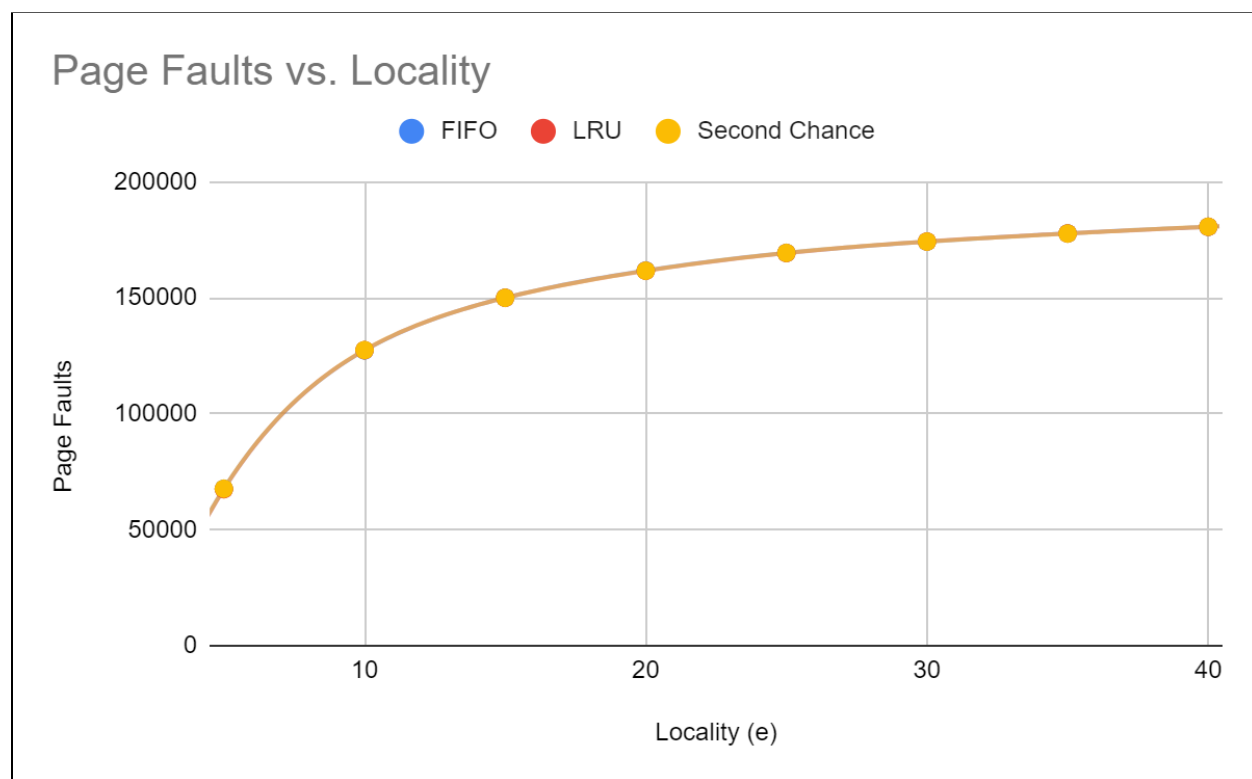
$m = 200$

desired length = 1000

Frames = 4

$t = .01$

e	FIFO	LRU	Second Chance
5	67656	67482	67698
10	127344	127447	127482
15	150064	150029	150027
20	161812	161673	161702
25	169384	169324	169380
30	174254	174290	174259
35	177797	177778	177736
40	180637	180645	180668



Page Faults vs. Changing Locus

Controlled Variables

$P = 2^{20}$ (1048576)

$s = 0$

$m = 200$

desired length = 1000

Frames = 4

$e = 3$

t	FIFO	LRU	Second Chance
0.01	2704	1636	2153
0.05	2349	1738	2167
0.10	2673	1819	2272
0.15	2693	2066	2420
0.20	2831	2077	2438
0.25	2909	2272	2613
0.30	2963	2393	2670
0.35	2972	2437	2767
0.40	3048	2487	2803

