Fork:

N = 10000

Macierzysty:	Potomne:
user time = 0.000001	user time = 0.000001
system time = 0.000375	system time = 0.000427
real time = 3452687	real time = 0

N= 40000

Macierzysty:	Potomne:
user time = 0.000002	user time = 0.000003
system time = 0.002498	system time = 0.001569
real time = 14818939	real time = 0

N = 55000

Macierzysty:	Potomne:
user time = 0.000003	user time = 0.000004
system time = 0.002088	system time = 0.002323
real time = 20973547	real time = 0

N = 70000

Macierzysty:	Potomne:
user time = 0.000000	user time = 0.000000
system time = 0.000740	system time = 0.000818
real time = 7412664	real time = 0

Vfork:

N = 10000

Macierzysty:	Potomne:
user time = 0.000000	user time = 0.000000
system time = 0.000179	system time = 0.000207
real time = 1796761	real time = 23088

N = 50000

Macierzysty:	Potomne:
user time = 0.000000	user time = 0.000000
system time = 0.000904	system time = 0.001023
real time = 9050361	real time = 117164

N = 100000

Macierzysty:	Potomne:
user time = 0.000000	user time = 0.000000
system time = 0.000539	system time = 0.000553
real time = 5393051	real time = 56901

N = 150000

Macierzysty:	Potomne:
user time = 0.000001	user time = 0.000000
system time = 0.001234	system time = 0.001304
real time = 12355777	real time = 151176

N = 190000

Macierzysty:	Potomne:
user time = 0.000003	user time = 0.000000
system time = 0.003353	system time = 0.003997
real time = 33567346	real time = 436603

N = 220000

Macierzysty:	Potomne:
user time = 0.000003	user time = 0.000001
system time = 0.003877	system time = 0.004536
real time = 38803103	real time = 525763

clone jako fork :

N = 40000

Macierzysty:	Potomne:
user time = 0.000000	user time = 0.000000
system time = 0.000052	system time = 0.000000
real time = 522239	real time = 0

N = 150000

Macierzysty:	Potomne:
Pser time = 0.000007	user time = 0.000000
system time = 0.001993	system time = 0.000000
real time = 20006470	real time = 0

N = 200000

Macierzysty:	Potomne:
user time = 0.000025	user time = 0.000000
system time = 0.003975	system time = 0.000000
real time = 60013764	real time = 0

N = 250000

Macierzysty:	Potomne:
user time = 0.000016	user time = 0.000000
system time = 0.004033	system time = 0.000000
real time = 50502622	real time = 0

N = 500000

Macierzysty:	Potomne:
user time = 0.000038	user time = 0.000000
system time = 0.015937	system time = 0.000000
real time = 139932072	real time = 0

clone jako vfork:

N = 10000

Macierzysty:	Potomne:
user time = 0.000000	user time = 0.000000
system time = 0.000015	system time = 0.000000
real time = 153264	real time = 5

N = 50000

Macierzysty:	Potomne:
user time = 0.000011	user time = 0.000000
system time = 0.003455	system time = 0.000000
real time = 34674221	real time = 8760

N = 250000

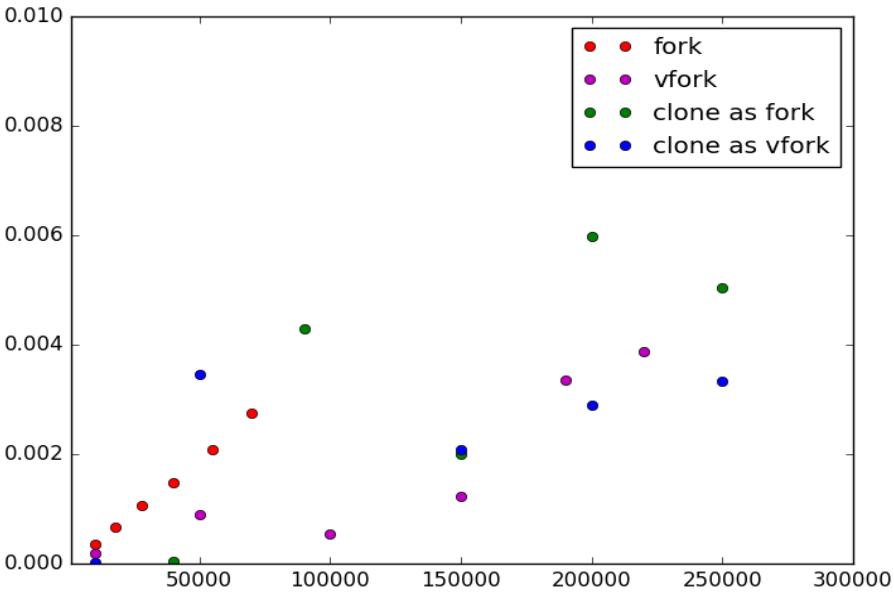
Macierzysty:	Potomne:
user time = 0.000010	user time = 0.000000
system time = 0.003340	system time = 0.000000
real time = 43509119	real time = 7729

N = 350000

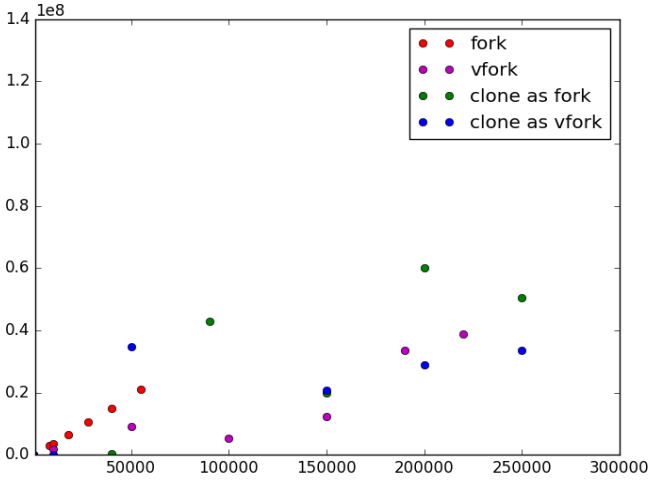
Macierzysty:	Potomne:
user time = 0.000052	user time = 0.000000
system time = 0.013465	system time = 0.000000
real time = 13627286	real time = 9737

WYKRESY:

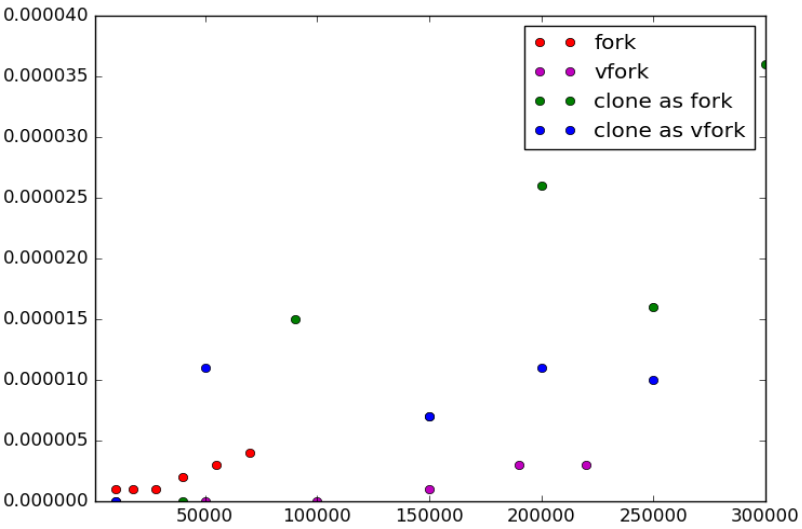
1) Czas procesu macierzystego
a) system time:



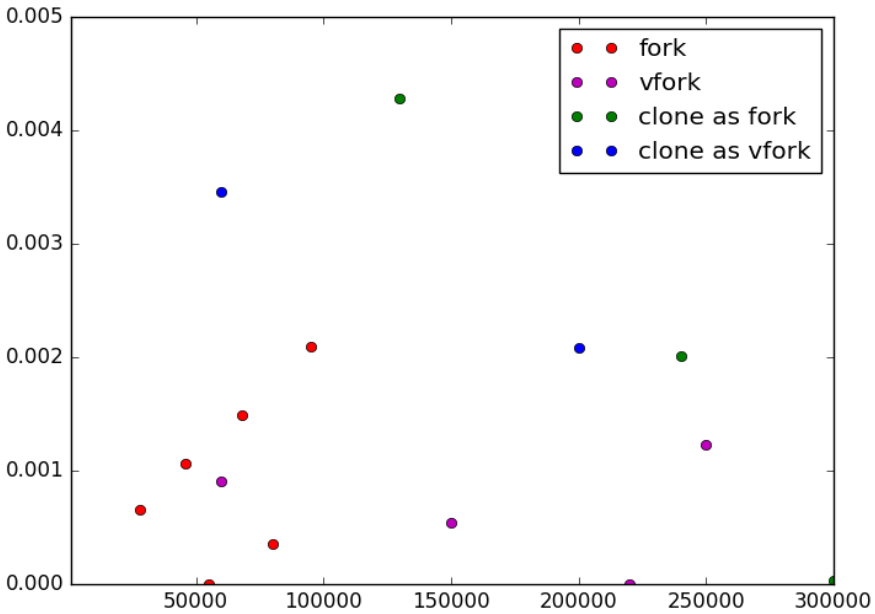
b) real time:



c) user time:

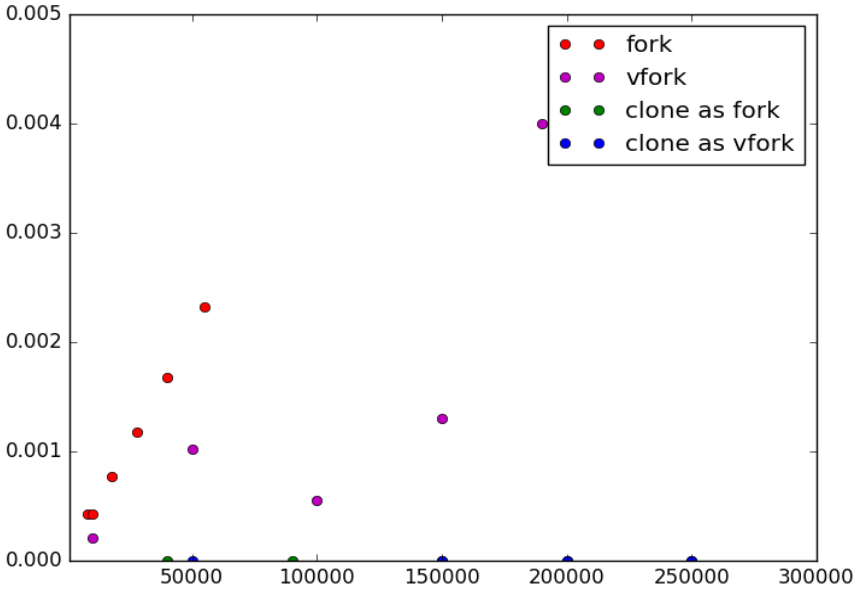


d) user time + system time:

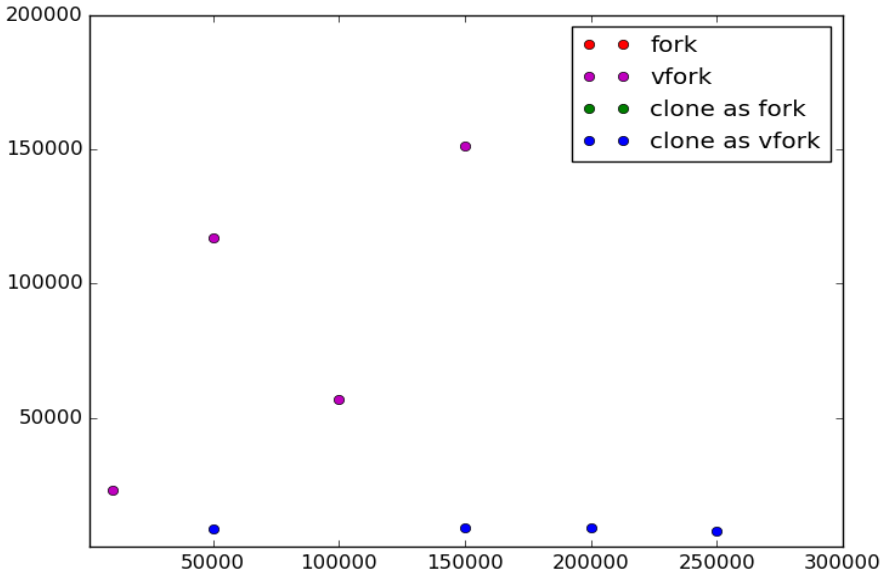


2) Sumaryczny czas procesów potomnych

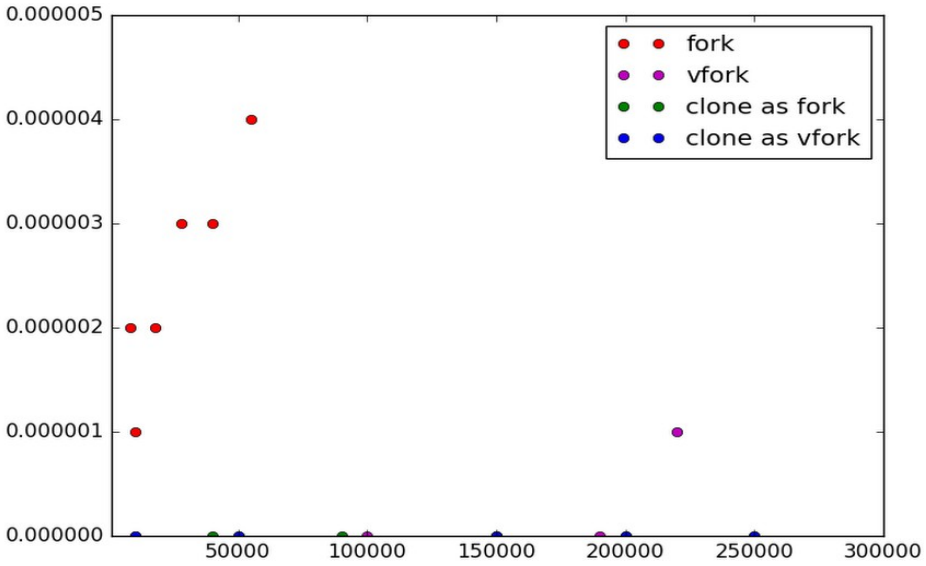
a) system time:



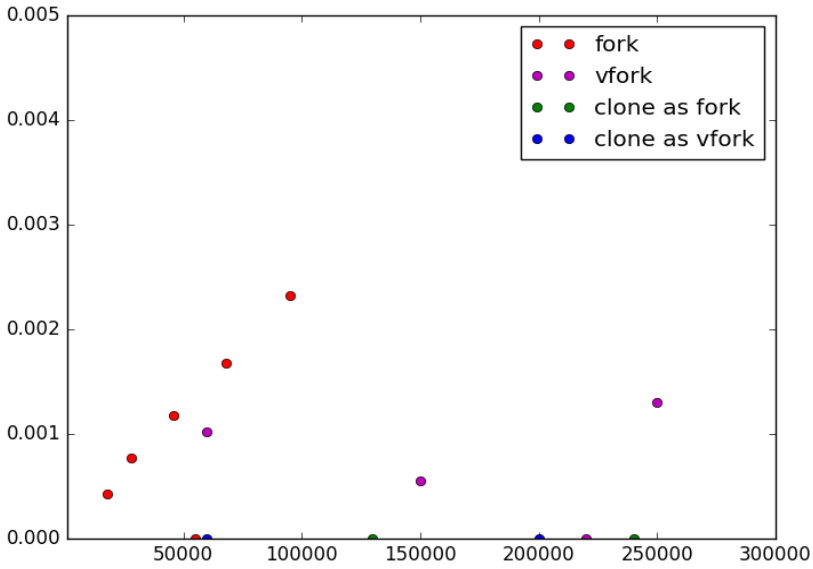
b) real time:



c) user time:

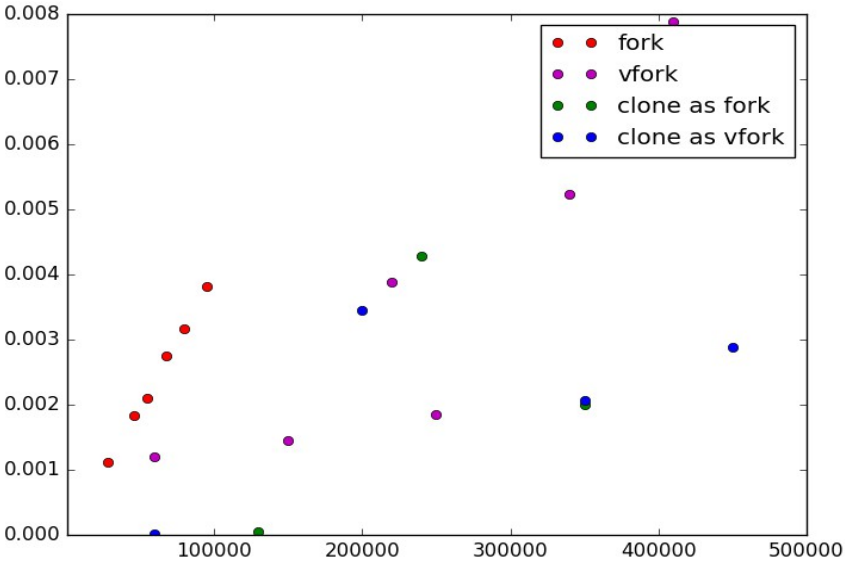


d) user time + system time

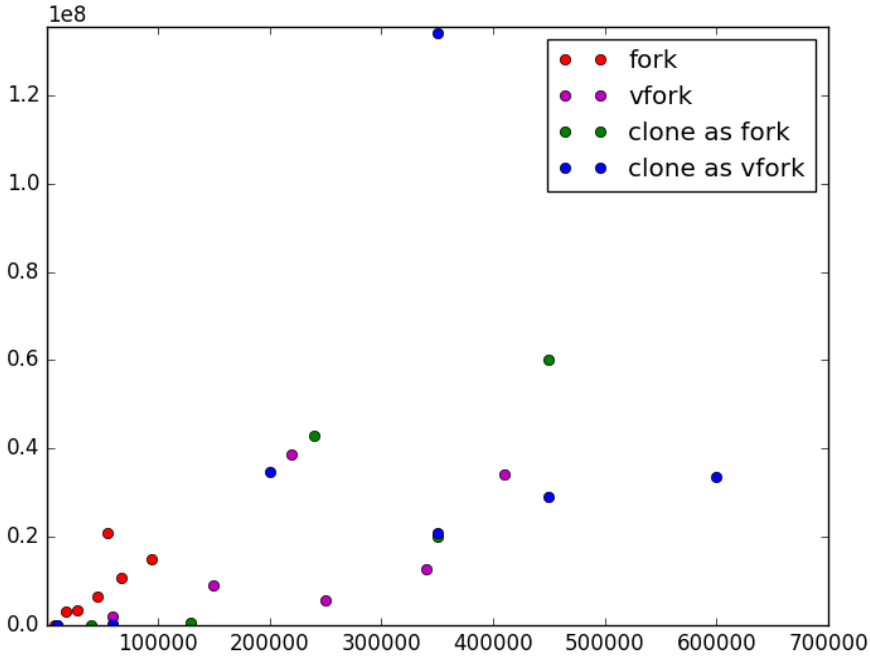


3) Suma czasów potomnych i macierzystych

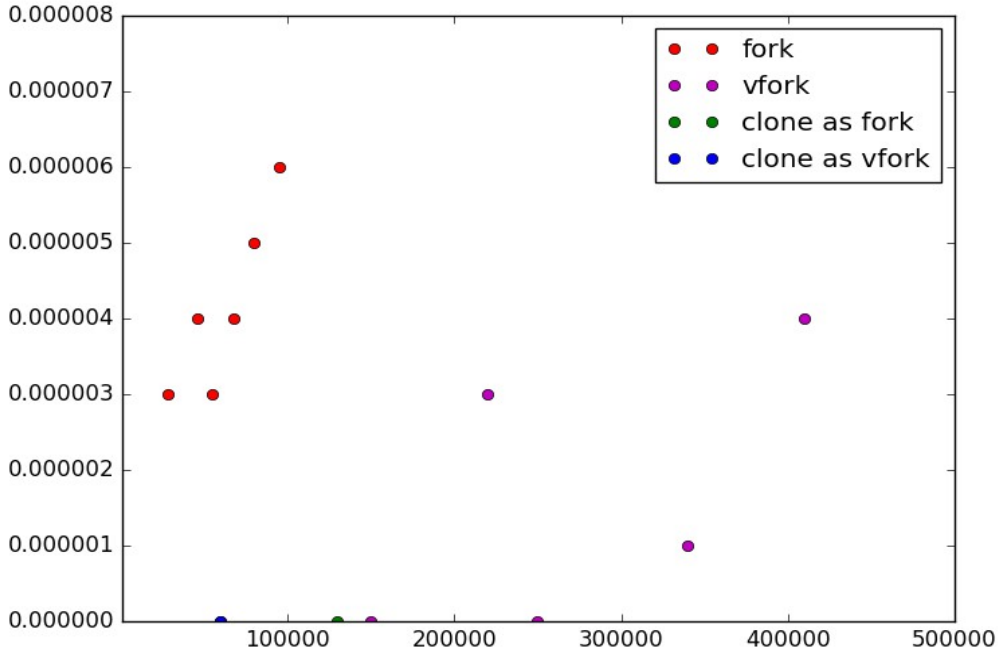
a) system time:



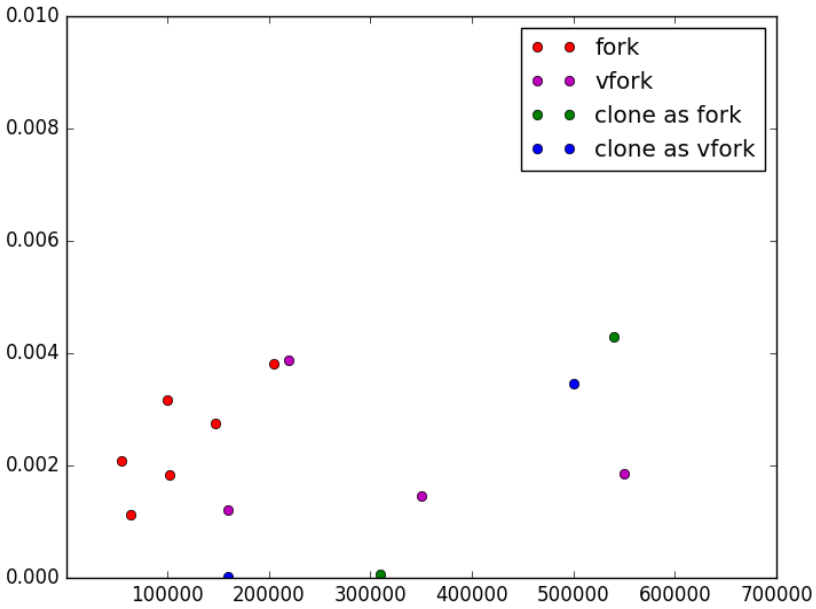
b) real time



c) user time:



d) user time + system time



Na załączonych wyżej wykresach widać, że real time procesów potomnych zawsze wychodzi 0, niezależnie od użytej funkcji. Jest to efekt, który był oczekiwany. Analizując wykresy można również dojść do wniosku, że szybkość forka rośnie niemalże liniowo, można z miarę dobrym przybliżeniem szacować ile zajmie nam wykonanie funkcji w zależności od ilości wywołań. Jest ona jednak wolniejsza od pozostałych funkcji. Bardzo dobrze tą relację widać porównując ją z vfork.