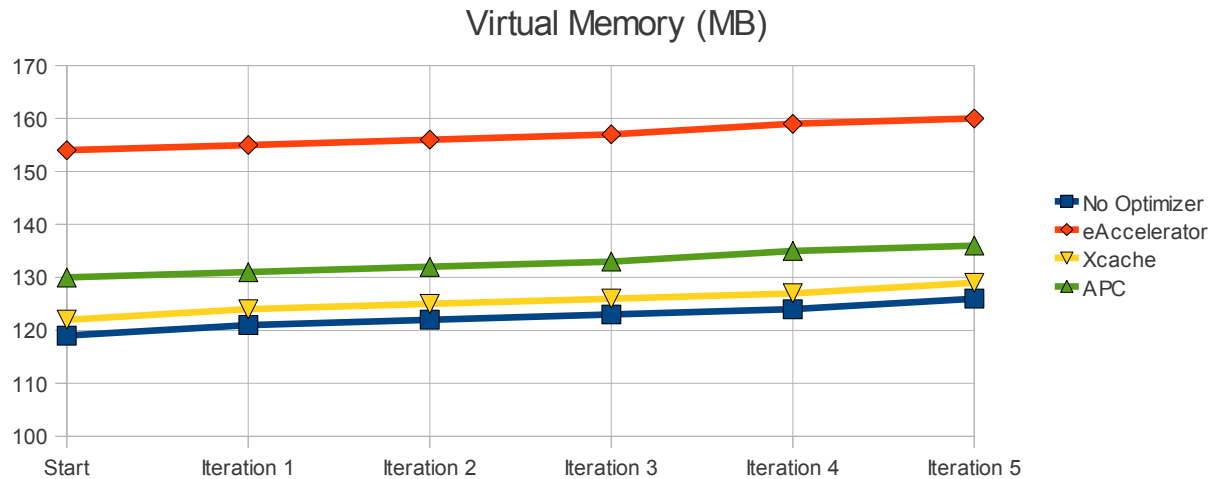
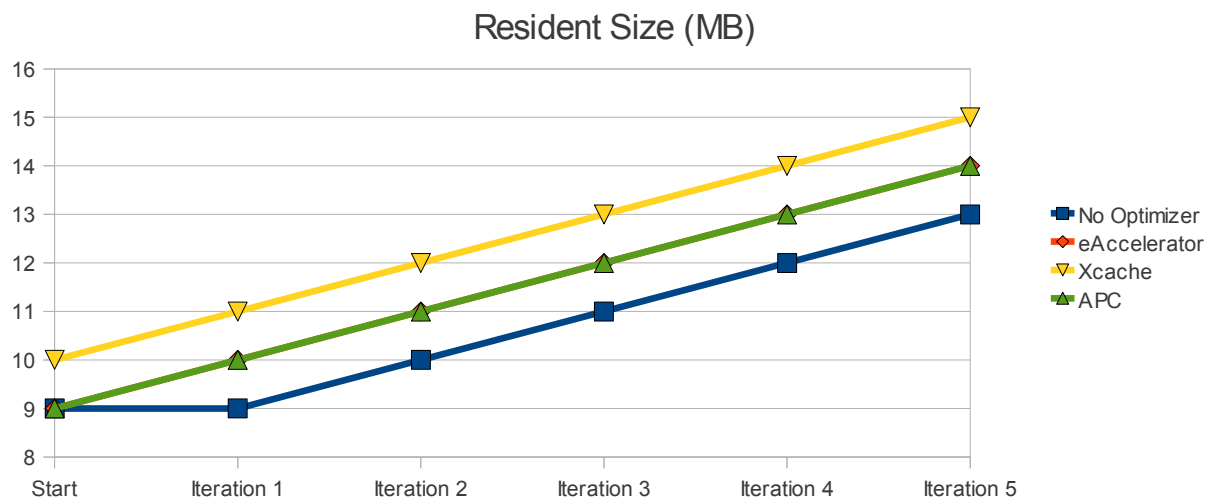


Memory-Usage of PHP Optimizers

Virtual Memory (MB)	Start	Iteration 1	Iteration 2	Iteration 3	Iteration 4	Iteration 5
No Optimizer	119	121	122	123	124	126
eAccelerator	154	155	156	157	159	160
Xcache	122	124	125	126	127	129
APC	130	131	132	133	135	136

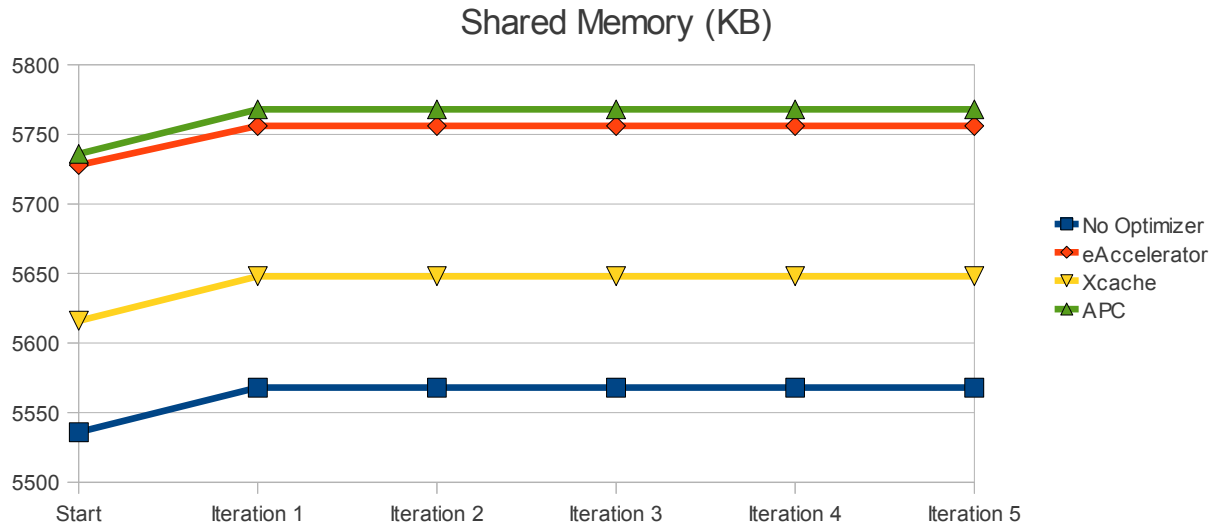


Resident Size (MB)	Start	Iteration 1	Iteration 2	Iteration 3	Iteration 4	Iteration 5
No Optimizer	9	9	10	11	12	13
eAccelerator	9	10	11	12	13	14
Xcache	10	11	12	13	14	15
APC	9	10	11	12	13	14

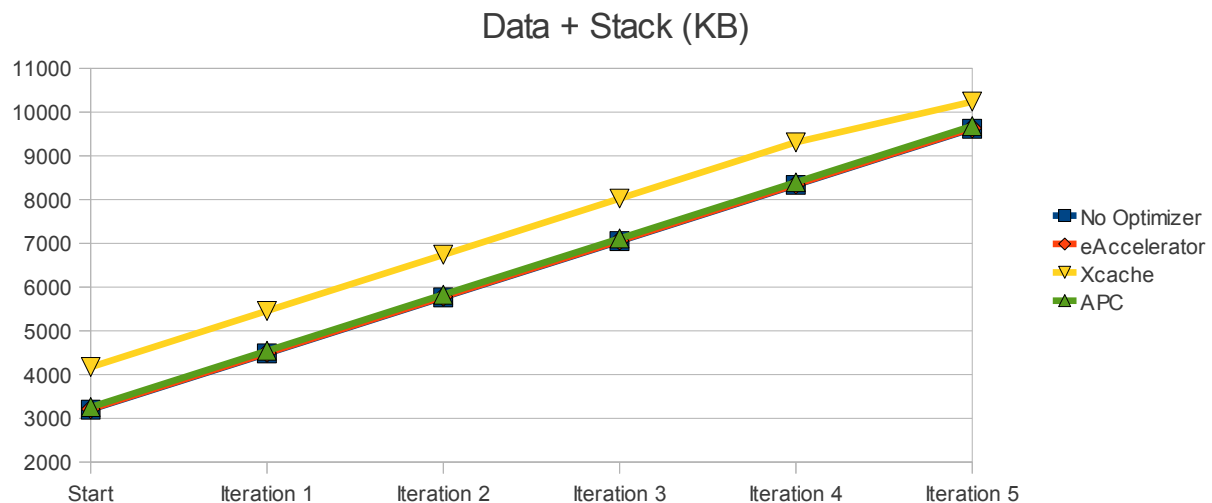


Memory-Usage of PHP Optimizers

Shared Memory (KB)	Start	Iteration 1	Iteration 2	Iteration 3	Iteration 4	Iteration 5
No Optimizer	5536	5568	5568	5568	5568	5568
eAccelerator	5728	5756	5756	5756	5756	5756
Xcache	5616	5648	5648	5648	5648	5648
APC	5736	5768	5768	5768	5768	5768



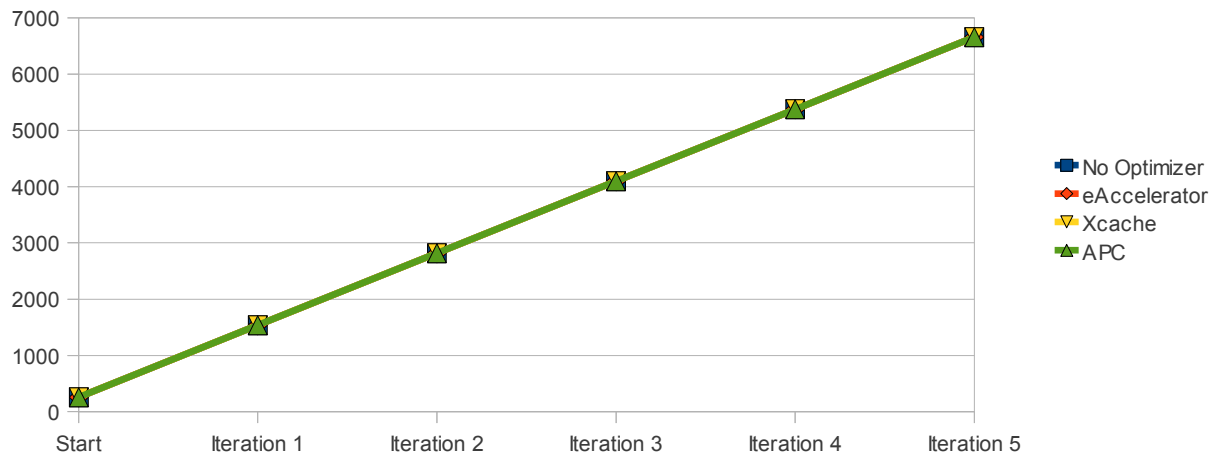
Data + Stack (KB)	Start	Iteration 1	Iteration 2	Iteration 3	Iteration 4	Iteration 5
No Optimizer	3200	4484	5768	7052	8336	9620
eAccelerator	3212	4496	5780	7064	8348	9632
Xcache	4172	5456	6740	8024	9308	10240
APC	3260	4544	5828	7112	8396	9680



Memory-Usage of PHP Optimizers

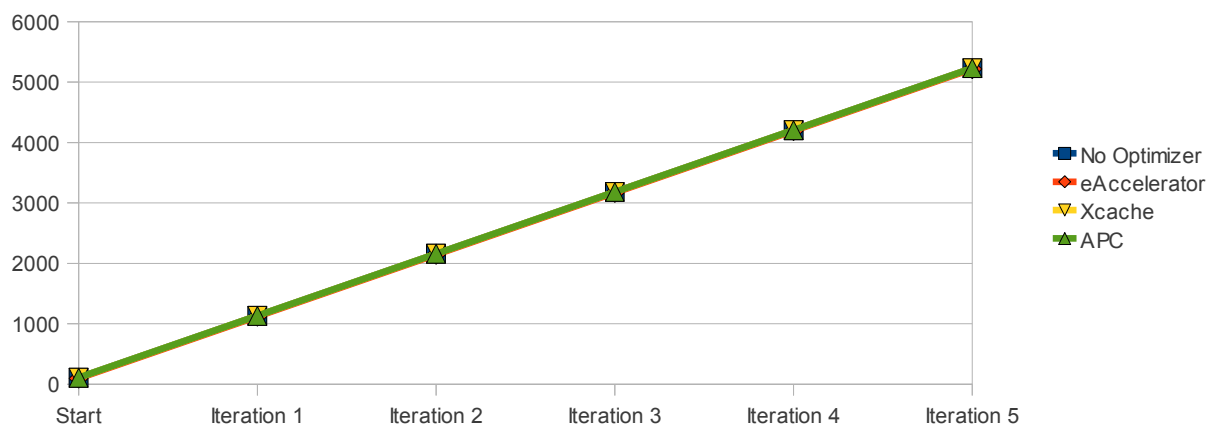
PHP Memory (Real, KB)	Start	Iteration 1	Iteration 2	Iteration 3	Iteration 4	Iteration 5
No Optimizer	256	1536	2816	4096	5376	6656
eAccelerator	256	1536	2816	4096	5376	6656
Xcache	256	1536	2816	4096	5376	6656
APC	256	1536	2816	4096	5376	6656

Real Usage reported by PHP (KB)



PHP Memory (KB)	Start	Iteration 1	Iteration 2	Iteration 3	Iteration 4	Iteration 5
No Optimizer	108,76	1133,61	2157,84	3182,08	4206,31	5230,55
eAccelerator	94,34	1119,19	2143,42	3167,66	4191,89	5216,13
Xcache	108,77	1133,62	2157,85	3182,09	4206,32	5230,55
APC	108,76	1133,61	2157,84	3182,08	4206,31	5230,55

Usage reported by PHP (KB)



Conclusion

Our benchmark has shown that the memory-values reported by PHP may not be taken into account when having a look at the best available Optimizer, they only differ by a few Kilobytes. Without having a look on the usage of virtual memory APC and eAccelerator seem to be equal in their memory-consumption, but from a performance point of view APC has become a bit faster than eAccelerator. eAccelerator also disqualifies because of its heavy use on virtual memory. At this point the best available solution for both – performance- and ressource-usage – seems to be Xcache.