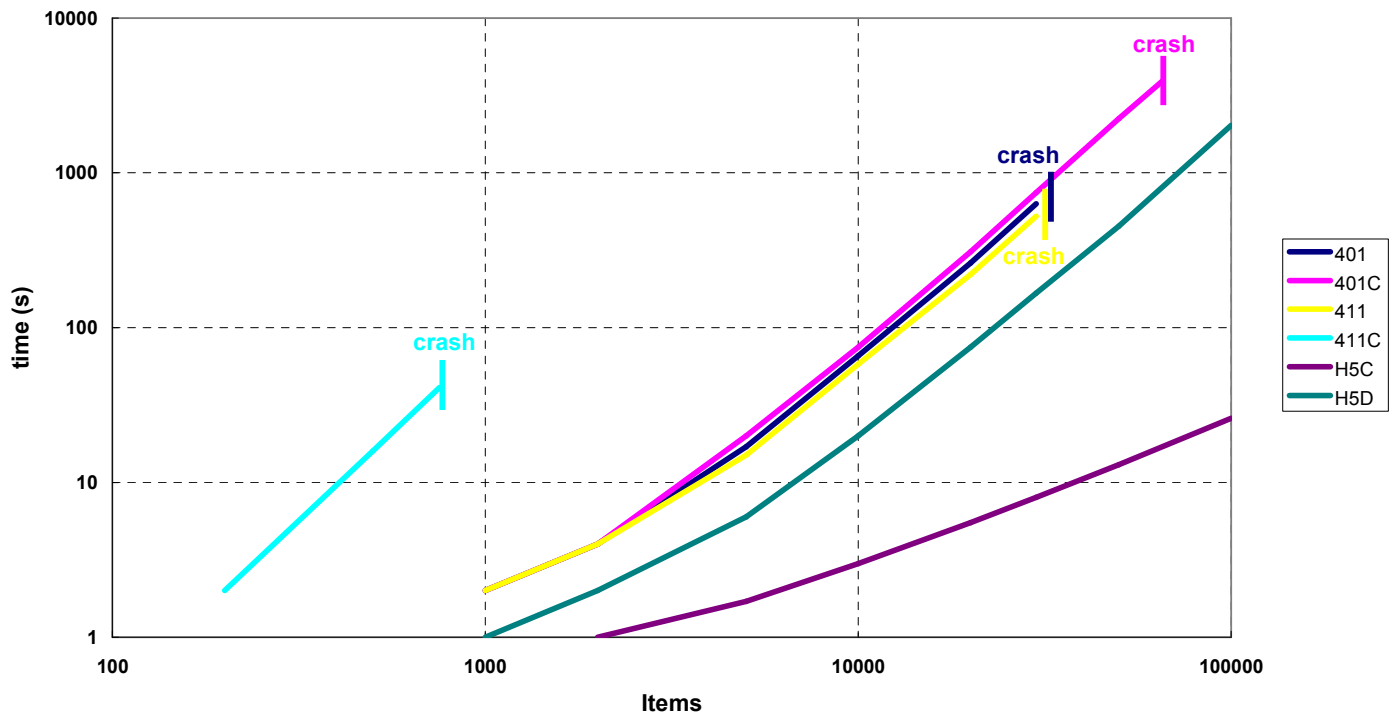


## Benchmark on complex files writing

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File writing time vs number of small data items:  
1000 ints, 10 items per group



Traces (all files contain the same information: identical items):

401 NetCDF, ver. 4.01, without chunking;

401C NetCDF, ver. 4.01, with chunking;

411 NetCDF, ver. 4.11, without chunking;

401C NetCDF, ver. 4.11, with chunking;

H5C HDF5, with chunking;

H5D HDF5, with chunking and dummy dimension to emulate NetCDF structure.

The program crashes when NetCDF API allocates more than 3 GB memory.

Writing time and memory consumption for 50000 items.

API	Time (s)	Memory (MB)	Comment
H5C	13	28	Most effective storage
H5D	452	44	Price for NetCDF data model compare to H5C
401C	2243	1312	Price for NetCDF API compare to H5D