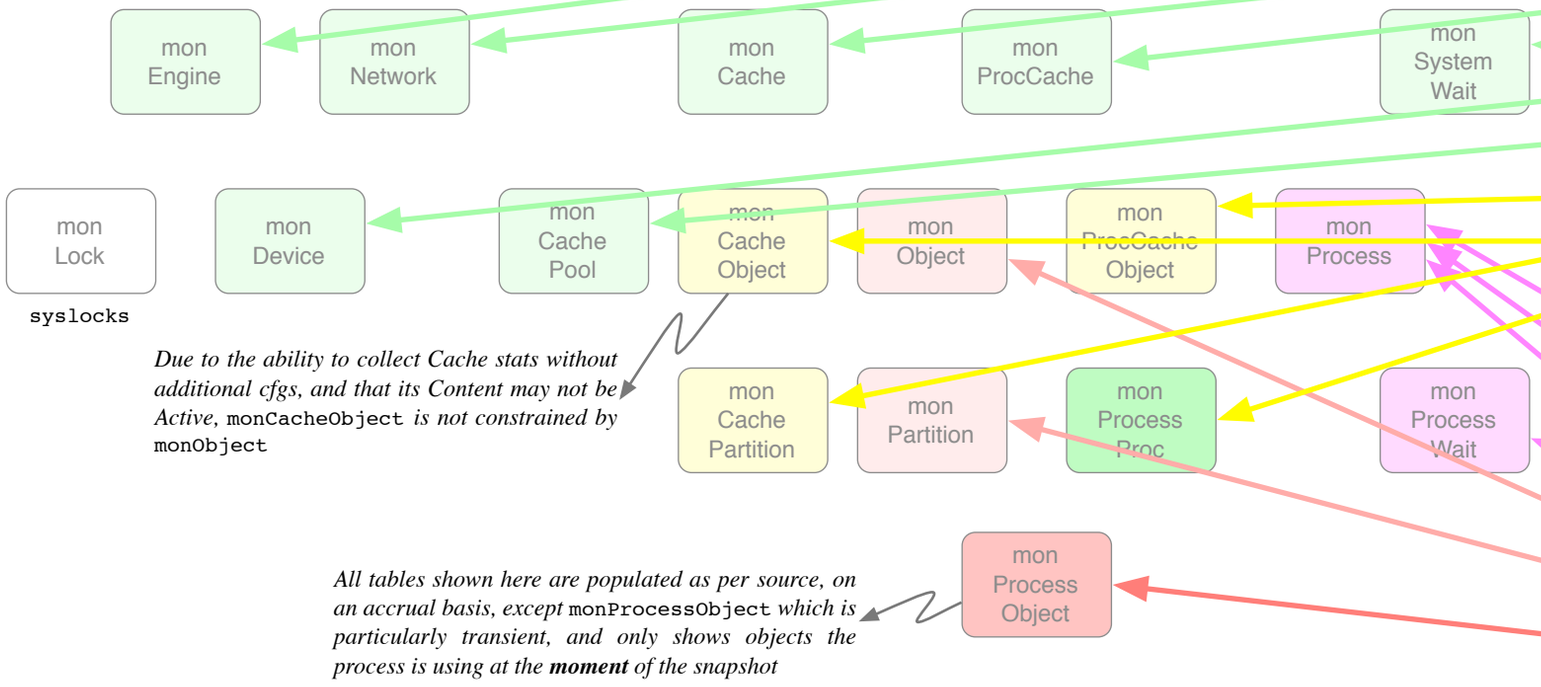
monTable Source

1 MDA has two purposes: Monitoring (statistics) and Diagnosis. We support MDA/Monitoring but not MDA/Diagnosis (there are much better third party tools for that purpose, without the overhead and the problems).
2 These two slides show our monTable structure used to capture and store monitoring statistics from the MDA tables. It is complete to the level of statistics that we require, ie. the load is minimised. You are free to implement more MDA tables into the structure.
3 The Data Model is corrected, to make logical sense of the contents, relations and dependencies. The Normalisation errors in the source tables are corrected. The table and columns names are corrected.
4 MDA has many bugs, inconsistencies (logical and data), problems and anomalies that hinder its usefulness. This structure resolves and overcomes these issues. It also corrects inconsistent reference values, and overcomes lost data due to broken joins.



sp_configure	enable monitoring	per object statistics active	object lockwait timing	process wait events	wait event timing
	1.2%	13.0%	1.4%	1.1%	0.4%

MDA Table	enable monitoring	per object statistics active	object lockwait timing	process wait events	wait event timing
monEngine	X				
monNetworkIO	X				
monDataCache	X				
monProcedureCache	X				
monSysWaits	X				X
monDeviceIO	X				
monCachePool	X				
monCachedProcedures	X				
monCachedObject	X				
monProcessProcedures	X				
monProcess	X				X
monProcessNetIO	X				
monProcessActivity	X	X			X
monProcessWaits	X			X	X
monOpenObjectActivity	X	X	X		
monOpenPartitionActivity	X	X	X		
monProcessObject	X	X			

Overhead figures from *Advanced Analysis of Performance Problems with ASE Monitoring Tables* by Wallace, Tallman & Dorfman, TechWave 2005

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