



SQL Server 2012

Periodic Table of Dynamic Management Objects

C S R																		XP	
ST CR xIH oLS M BD PM mO mN N D DP																		xD xC xG xGS xU xO	
qP qS TL oSL mCE mCH mNS mB mCC SCH W WLS																		ioP ioF PC RB WT WS	
qTP PS TGS oSS mHT VAD mA mBC mP T TH																		DPS suF suL suS suT SP	
CP CPO PA qOI qTS qRS qMG mC aA aM aS																		SL SKU CC UE dPA EK	
ts tc tD xeP xeO xeS xeE xeM bC bT bM bQ QNS																		FR FRO rDe rGe	
ssC ssD tA xeSC xeC xeT xeEA GC GA GP GW cS cT cE rTI rS rA rTH																			
ssT ssS ssG LS LC LH LSB LBR LPBLMS LRS LF cID cIN cIP cILC																			
bQ bS hN hl hC hM hT hGS hrN hrS hrR hdC hdR hPR mC mR mA																			
SI WI VS SR SS BT MD SK TLS CI H LM cyA cyK cyP cyS clrD clrA																			
fPS fAC fH fK fKD fKP fIP fMB fMP fOB fP fPR fSP fsNH fsIR fsIH clrP clrT																			

Dynamic Management Object Classification Key

ACT (blue)

Activity DMOs

The user and internal activity that has or is occurring on the instance and the associated query engine and procedure cache information that results from the activity.

SOS (red)

SQL OS

SQL OS: the operating system internal to SQL Server. The DMOs here are divided into Locking/Blocking, Memory, and CPU-centric sub-classes.

IX (yellow)

Index DMOs

Broken down into three sub-classes (Physical, Usage, and Missing Indexes) these DMOs provide insight into how indexes are structured, used, or recommended for creation.

PRF (green)

Performance DMOs

While many DMOs address performance, unlike INFORMATION, SCHEMA views, these six are vital for providing metrics for IO, performance counters, and Wait Stats metadata.

MN (light green)

Monitoring DMOs

Tied closely to performance, hence the same shade of colors. Monitoring DMOs encompass CDC, Extended Events, Auditing, Service Broker, and Resource Governor.

OBJ (purple)

Object Metadata DMOs

All things object-related (as far as the DMOs are related). Encryption, statistics, referential integrity, usage, object metadata and partitioning all fall into this class.

FRG (orange)

Full-Text Search DMOs

These involve SQL constructs that are on the fringes of SQL: Full-Text Search, CLR, FileStream, and File Table are all covered here.

SVR (yellow)

Server Metadata DMOs

All things server-related (as far as the DMOs are related). Server metadata, install information, registry metrics, and encryption are in this class.

HA (grey)

High Availability DMOs

High Availability architectures get a lot of attention in SQL Server 2012. Most of the new DMOs are related to Availability Groups. Mirroring, Log Shipping, and replication all get attention.

