Microsoft.SqlServer.Management.Smo Namespace

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The Microsoft.SqlServer.Management.Smo namespace contains classes that represent the core SQL Server Database Engine objects. These include instances, databases, tables, stored procedures, and views.

The Microsoft.SqlServer.Management.Smo namespace contains the instance object classes that represent SQL Server Database Engine objects and some utility classes that represent specific tasks, such as scripting. When a connection to the instance of the SQL Server Database Engine has been established by using a Server object variable, objects on the instance can be accessed by using the SMO instance objects. For example, you can use the Database object to access databases on the connected instance of SQL Server Database Engine. All the instance classes are related to the Server class in the object hierarchy. Utility classes exist outside of the Server class object hierarchy and represent specific tasks, such as backup or scripting.

Most of the classes Microsoft.SqlServer.Management.Smo namespace resides in the Microsoft.SqlServer.Smo.dll and Microsoft.SqlServer.SmoExtended.dll files. Additionally, some of the enumeration classes are in the Microsoft.SqlServer.SqlEnum.dll and Microsoft.SqlServer.SmoEnum.dll assembly files. You will have to import all four files to access all of the classes in the Microsoft.SqlServer.Management.Smo namespace.

By using the Microsoft.SqlServer.Management.Smo namespace, you can do the following:

- Connect to an instance of the SQL Server Database Engine.

- View and modify instance settings and configuration options.

- View and modify database objects.

- Perform DDL (data definition language) tasks on an instance of the SQL Server Database Engine.

- Script databases dependencies.

- Perform database maintenance tasks, such as backup and restore operations.

- Transfer database schemas and data.

Classes

	Class	Description
	AbstractCollectionBase	

		The AbstractCollectionBase object is a base class object that is used in the construction collection objects.
	AffinityInfo	The AffinityInfo object represents the Affini settings for all CPUs and NUMA nodes on a Instance of SQL Server. Access to the AffinityInfo object is provided though the Server object.
	ApplicationRole	The ApplicationRole object represents a security role that is used to set access privil from an application regardless of the user's permissions.
	ApplicationRoleCollection	The ApplicationRoleCollectionclass represer collection of ApplicationRole objects that represent all the application roles on the referenced database.
	ApplicationRoleEvents	The ApplicationRoleEvents object represent the settings required for Microsoft SQL Ser application role event notification.
	ArrayListCollectionBase	The ArrayListCollectionBase object represer base class that is used in the construction o collections that are based on array lists.
	AsymmetricKey	The AsymmetricKey object represents a SQl Server asymmetric key.
	AsymmetricKeyCollection	The AsymmetricKeyCollection class represe collection of AsymmetricKey objects that represent all the asymmetric keys on the referenced database.
	AsyncStatus	The AsyncStatus object represents the statu an asynchronous process.
	Audit	The Audit object represents a SQL Server au log.
	AuditCollection	The AuditCollection class represents a collection of Audit objects that represent al audits on the instance of SQL Server.
	AuditExtender	Adds methods and properties to the Audit object.
	AuditSpecification	The AuditSpecification class defines the aud groups and specifies the server audit that th belong to

	Backup	The Backup object provides programmatic access to Microsoft SQL Server backup operations.
	BackupDevice	The BackupDevice object provides programmatic access to SQL Server backup devices.
	BackupDeviceCollection	The BackupDeviceCollection class represent collection of BackupDevice objects that represent all the backup devices on an insta of SQL Server.
	BackupDeviceItem	The BackupDeviceItem object provides programmatic access to named SQL Server backup devices.
	BackupDeviceList	The BackupDeviceList object provides programmatic access to a list backup devic
	BackupRestoreBase	The BackupRestoreBase class is a base class that represents functionality that is commo both backup and restore operations.
	Certificate	The Certificate object represents a SQL Serv certificate.
	CertificateCollection	The CertificateCollection class represents a collection of Certificate objects that represe all the certificates on an instance of SQL Se
	CertificateEvents	The CertificateEvents object represents the settings that are required for SQL Server **Certificate** event notification.
	Check	The Check object represents a SQL Server c constraint.
	CheckCollection	The CheckCollection class represents a collection of Check objects that represent a the check constraints defined on the parent object.
	CollectionNotAvailableException	The CollectionNotAvailableException class i exception that is raised when an attempt is made to retrieve a collection that is not available.
	Column	The Column object represents a SQL Server column.
	ColumnCollection	

		The ColumnCollection class represents a collection of Column objects that represent all the columns defined on a table.
	ConfigProperty	The ConfigProperty object contains informatio pertaining to a Microsoft SQL Server configuration option, such as maximum, minimum, current, and new values.
	ConfigPropertyCollection	The ConfigPropertyCollection class represents collection of ConfigProperty objects that represent all the configuration properties defined on the instance of SQL Server.
	Configuration	The Configuration class contains the configuration information for the instance of SQL Server.
	ConfigurationBase	The ConfigurationBase class is a base class tha represents configuration information for the instance of SQL Server.
	Cpu	The Cpu class contains information about one CPU on an instance of SQL Server.
	CpuCollection	The CpuCollection class represents a collection of Cpu objects that represent all the CPUs that are defined on an instance of SQL Server.
	Credential	The Credential object represents a Microsoft SQL Server credential.
	CredentialCollection	The CredentialCollection class represents a collection of Credential objects that represent all the credentials defined on the instance of Microsoft SQL Server.
	CryptographicProvider	The CryptographicProvider object represents a SQL Server cryptographic provider.
	CryptographicProviderCollection	A collection of type CryptographicProviderCollection that represents a collection of CryptographicProviderr objects.
	Database	The Database object represents a SQL Server database.
	DatabaseActiveDirectory	The DatabaseActiveDirectory object provides programmatic access to the Active Directory settings for a database.

DatabaseAdapter		Database Adapter type to be used as a management facet.
DatabaseAdapterBase		Database adapter base.
DatabaseAuditSpecification		The DatabaseAuditSpecification object represents an auditable event on the datab
DatabaseAuditSpecificationCollection		The DatabaseAuditSpecificationCollection represents a collection of DatabaseAuditSpecification objects that represent all the audit specifications define the database.
DatabaseAuditSpecificationExtender		Adds methods and properties to the DatabaseAuditSpecification object.
DatabaseCollection		The DatabaseCollection class represents a collection of Database objects that represer the databases defined on the instance of S(Server.
DatabaseDdlTrigger		The DatabaseDdlTrigger object represents SQL Server database data definition langua (DDL) trigger.
DatabaseDdlTriggerCollection		The DatabaseDdlTriggerCollection class represents a collection of DatabaseDdlTrigg objects that represent all the database data definition language (DDL) triggers defined table.
DatabaseDdlTriggerEvent		The DatabaseDdlTriggerEvent object repres the SQL Server database DDL trigger event: that can be included in a database DDL trig event set.
DatabaseDdlTriggerEventSet		The DatabaseDdlTriggerEventSet object represents a set of SQL Server database da definition language (DDL) trigger events.
DatabaseEncryptionKey		Creates a database encryption key.
DatabaseEncryptionKeyExtender		Extends the database encryption key class.
DatabaseEvent		The DatabaseEvent object represents the S(Server database events that can be include a database event set.
DatabaseEventArgs		

		The DatabaseEventArgs object represents t arguments passed by the event raised by th database.
	DatabaseEvents	The DatabaseEvents object represents the settings required for Microsoft SQL Server database event notification.
	DatabaseEventSet	The DatabaseEventSet object represents a S Server set of database events.
	DatabaseFile	The DatabaseFile object is a base class used the construction of DataFile objects and Lo objects.
	DatabaseFileMappingsDictionary	This class, which is inherited from Dictionar maps database file paths from the source server to the corresponding target server location that the user specifies.
	DatabaseMaintenanceAdapter	The Database Maintenance facet has logica properties. It inherits from the DatabaseAdapter class.
	DatabaseMapping	The DatabaseMapping object represents a Server database mapping.
	DatabaseMirroringPayload	The DatabaseMirroringPayload object represents database mirroring payload sett
	DatabaseOptions	The DatabaseOptions object represents SQ Server database options.
	DatabasePerformanceAdapter	The Database Performance facet implemen logical properties relevant to database performance management.
	DatabasePermission	The DatabasePermission object represents SQL Server database permission. The datab permission can be added to a database permission set, and then granted, revoked, denied to a user.
	DatabasePermissionInfo	The DatabasePermissionInfo object represe information about a SQL Server database permission.
	DatabasePermissionSet	The DatabasePermissionSet object represer SQL Server set of database permissions.
	DatabaseRole	The DatabaseRole object represents a SQL

	DatabaseRoleCollection	The DatabaseRoleCollection class represents a collection of DatabaseRole objects that represent all the database roles defined on the parent database.
	DatabaseSecurityAdapter	Includes properties and methods that are used to expose the Database Security facet.
	DatabaseSnapshotExtender	Adds methods and properties to the DatabaseSnapshot object.
	DataFile	The DataFile object represents a SQL Server data file.
	DataFileCollection	The DataFileCollection class represents a collection of DataFile objects that represent all the data files defined on the parent object.
	DataType	The DataType object represents a SQL Server data type.
	DdlTriggerBase	The DdlTriggerBase is a base class that is inherited by the DatabaseDdlTrigger object. This represents a SQL Server database data definition language (DDL) trigger.
	Default	The Default object represents a SQL Server default.
	DefaultCollection	The DefaultCollection class represents a collection of Default objects.
	DefaultConstraint	The DefaultConstraint object represents a SQL Server default constraint.
	DefaultRuleBase	The DefaultRuleBase class is a base class that is inherited by the Rule class and the Default class.
	DependencyCollection	The DependencyCollection class represents a collection of Dependency objects that are used to derive the node classes in SMO scripting operations.
	DependencyCollectionNode	The DependencyCollectionNode class represents a node in the dependency collection that is derived during scripting operations.
	DependencyNode	The DependencyNode class represents a node that is defined by a URN address.

	DependencyTree	The DependencyTree object represents a tr structure that contains SQL Server objects a their hierarchical relationships to each othe
	DependencyTreeNode	The DependencyTreeNode class represents child and sibling SQL Server objects within DependencyTree object hierarchy.
	DependencyWalker	The DependencyWalker object is a tool to perform scripting operations that involve dependencies such as identifying dependen relationships. The tool and converts this ou to a list.
	Endpoint	The Endpoint class represents an endpoint service that can listen natively for requests.
	EndpointCollection	The EndpointCollection class represents a collection of Endpoint objects that represer the HTTP endpoints.
	EndpointPayload	The EndpointPayload object represents an endpoint payload.
	EndpointProtocol	The EndpointProtocol object represents an HTTP endpoint protocol.
	EventProperty	The EventProperty class represents a prope of an event.
	EventPropertyCollection	The EventPropertyCollection object represe the properties of event objects.
	EventSetBase	The EventSetBase class is a base class that i used to derive the event set objects.
	ExtendedProperty	The ExtendedProperty object represents the extended properties that are defined for an object that has an ExtendedProperties collection property.
	ExtendedPropertyCollection	The ExtendedPropertyCollection class represents a collection of ExtendedPropertyCollectionobjects that represent all the extended properties.
	ExtendedStoredProcedure	The ExtendedStoredProcedure object represents an extended stored procedure o the instance of Microsoft SQL Server.
	ExtendedStoredProcedureCollection	The ExtendedStoredProcedureCollection cla

		ExtendedStoredProcedure objects that represent all the extended stored procedure defined on the parent database.
	FailedOperationException	The FailedOperationException class represe the exception raised when an operation fail Failed database operations include CREATE DROP, ALTER, SCRIPT, REFRESH, RENAME. T exception can also be raised when some of public methods in SMO fail.
	FileGroup	The FileGroup object represents a SQL Serv file group. For more information about files groups, see Using Filegroups and Files to St Data.
	FileGroupCollection	The FileGroupCollection class represents a collection of FileGroup objects that represe all the filegroups defined on the parent database.
	ForeignKey	The ForeignKey object represents a SQL Ser foreign key.
	ForeignKeyCollection	The ForeignKeyCollection class represents a collection of ForeignKey objects that repres all the foreign keys defined on the parent object.
	ForeignKeyColumn	The ForeignKeyColumn object represents a Server foreign key column.
	ForeignKeyColumnCollection	The ForeignKeyColumnCollection class represents a collection of ForeignKeyColum objects that represent all the foreign key columns defined on the parent object.
	FrequencyPair	The FrequencyPair object is a utility that measures frequency by storing count and duration information.
	FullTextCatalog	The FullTextCatalog object represents a Microsoft Search full-text catalog.
	FullTextCatalogCollection	The FullTextCatalogCollection class represe collection of FullTextCatalog objects that represent all the full-text catalogs defined c the parent object.
	FullTextIndex	The FullTextIndex object represents a Micro Search full-text index.

	FullTextIndexColumn	The FullTextIndexColumn object represents Microsoft Search full-text index column.
	FullTextIndexColumnCollection	The FullTextIndexColumnCollection class represents a collection of FullTextIndexColu objects that represent all the full-text index columns defined on the parent object.
	FullTextService	The FullTextService object allows programm access to the Microsoft Search full-text sett
	FullTextStopList	The FullTextStopList object represents a full text stop list.
	FullTextStopListCollection	The FullTextStopListCollection class represe a collection of FullTextStopList objects that represent all the full-text stop lists that are defined on the parent database.
	HttpProtocol	The HttpProtocol object represents an HTT protocol on an instance of Microsoft SQL Server.
	Index	The Index object represents a SQL Server in
	IndexCollection	The IndexCollection class represents a collection of Index objects that represent al indexes defined on the instance of SQL Ser
	IndexedColumn	The IndexedColumn object represents a SQ Server column that is participating in an ind
	IndexedColumnCollection	The IndexedColumnCollection class represe a collection of IndexedColumn objects that represent all the indexed columns defined the instance of SQL Server.
	IndexEvents	The IndexEvents object represents the setti that are required for SQL Server index even notification.
	Information	The Information class contains nonconfigur information about the instance of SQL Serv These include system information and optic that are set during Setup, such as the collat
	InternalSmoErrorException	The InternalSmoErrorException class repres the exception raised when an error occurs during the internal phase of a SMO operati
	InvalidSmoOperationException	

		The InvalidSmoOperationException class represents the exception raised when an SM operation is not valid.
	InvalidVersionSmoOperationException	The InvalidVersionSmoOperationException class represents the exception raised when version is not valid on an SMO operation.
	JobScheduleCollectionBase	The JobScheduleCollectionBase class repres a base class that is used in the construction the JobScheduleCollection class.
	Language	A Language object represents a language supported by SQL Server. The SQL Server language determines the date and time for and the language in which the system messages are displayed.
	LanguageCollection	The LanguageCollection class represents a collection of Language objects that represe all the languages which are defined on the instance of SQL Server.
	LinkedServer	A LinkedServer object represents a databas system other than SQL Server and is linked the current instance of SQL Server by using OLE DB driver.
	LinkedServerCollection	The LinkedServerCollection class represents collection of LinkedServer objects that represent all the linked servers registered o the instance of SQL Server.
	LinkedServerLogin	The LinkedServerLogin object represents a Server logon account that has permission t connect to the linked server.
	LinkedServerLoginCollection	The LinkedServerLoginCollection class represents a collection of LinkedServerLogi objects that represent all the linked server logins defined on the linked server.
	LogFile	The LogFile object represents a SQL Server file.
	LogFileCollection	The LogFileCollection class represents a collection of LogFile objects that represent the log files defined on the instance of Microsoft SQL Server.
	Login	The Login object represents a SQL Server lc account that has been granted access to th

		instance of SQL Server through Windows Authentication or SQL Server Authenticatio
	LoginCollection	The LoginCollection class represents a collection of Login objects that represent al login accounts defined on the instance of S Server.
	LoginEvents	The LoginEvents object represents the setti required for SQL Server login event notifica
	MasterKey	The MasterKey object represents a SQL Ser database master key.
	MessageCollectionBase	The MessageCollectionBase class is a base that is used in the construction of message collection classes.
	MessageObjectBase	The MessageObjectBase class is a base clas that is inherited by message classes.
	MissingObjectException	The MissingObjectException class represen the exception raised when an object is miss
	NamedSmoObject	The NamedSmoObject object represents a named SMO object.
	NumaNode	The NumaNode object represents the settin for a NUMA node on an instance of SQL Se
	NumaNodeCollection	The NumaNodeCollection object contains information about one NUMA node on an instance of SQL Server.
	NumberedObjectCollectionBase	The NumberedObjectCollectionBase class is base class that represents common functionality for collections of numbered objects, such as the NumberedStoredProce object.
	NumberedStoredProcedure	The NumberedStoredProcedure class represents a Microsoft SQL Server numbere stored procedure.
	NumberedStoredProcedureCollection	The NumberedStoredProcedureCollection represents a collection of NumberedStoredProcedure objects that represent all the numbered stored procedu defined on a table.
	NumberedStoredProcedureParameter	

		The NumberedStoredProcedureParameter object represents a SQL Server numbered stored procedure parameter.
	NumberedStoredProcedureParameterCollection	The NumberedStoredProcedureParameterColle class represents a collection of NumberedStoredProcedure objects that represent all the numbered stored procedu defined on the parent object.
	ObjectAlteredEventArgs	The ObjectAlteredEventArgs object represe the arguments that are passed by the event that is raised when an object is altered.
	ObjectCreatedEventArgs	The ObjectCreatedEventArgs object represe the arguments that are passed by the event that is raised when an object is created.
	ObjectDroppedEventArgs	The ObjectDroppedEventArgs object repres the arguments that are passed by the event that is raised when an object is dropped.
	ObjectEvent	The ObjectEvent object represents the of S(Server object events that can be included ir object event set.
	ObjectEventSet	The ObjectEventSet object represents a SQI Server set of object events.
	ObjectPermission	The ObjectPermission object represents a S Server object permission.
	ObjectPermissionInfo	The ObjectPermissionInfo object represents information about a SQL Server object permission.
	ObjectPermissionSet	The ObjectPermissionSet object represents set of object permissions in Microsoft SQL Server.
	ObjectRenamedEventArgs	The ObjectRenamedEventArgs object represents the arguments passed by the ev raised when an object is renamed.
	OleDbProviderSettings	The OleDbProviderSettings object represen the setting for a SQL Server OLE DB provide
	OleDbProviderSettingsCollection	The OleDbProviderSettingsCollection class represents a collection of OleDbProviderSettings objects that represe

		all the OLE DB provider settings defined on linked server.
	OrderColumn	OrderColumn points to a column with an or that is specified within a table-valued functi that was created by using **CREATE FUNCTI** and the **ORDER BY** clause.
	OrderColumnCollection	Represents a collection of OrderColumn.
	Parameter	The Parameter class represents a parameter is a base class that is inherited by the StoredProcedureParameter class and the UserDefinedFunctionParameter class and contains common features of both classes.
	ParameterBase	The ParameterBase class is a base class that inherited by the Parameter class and the UserDefinedAggregate class. It contains common features of both classes.
	ParameterCollectionBase	The ParameterCollectionBase class is a base class that is used in the construction of parameter collection classes.
	PartitionFunction	The PartitionFunction object provides programmatic access to partition functions.
	PartitionFunctionCollection	The PartitionFunctionCollection class repres a collection of PartitionFunction objects tha represent all the partition functions defined the instance of SQL Server.
	PartitionFunctionEvents	The PartitionFunctionEvents object represer the settings required for SQL Server partitio function event notification.
	PartitionFunctionParameter	The PartitionFunctionParameter object prov programmatic access to partition function parameters.
	PartitionFunctionParameterCollection	The PartitionFunctionParameterCollection c represents a collection of PartitionFunctionParameter objects that represent all the partition function paramet defined on the partition function.
	PartitionNumberedObjectCollectionBase	The PartitionNumberedObjectCollectionBas a base class that is inherited by the PhysicalPartitionCollection class.
	PartitionScheme	

		The PartitionScheme object provides programmatic access to partition schemes.
	PartitionSchemeCollection	The PartitionSchemeCollection class represents a collection of PartitionScheme objects that represent all the partition schemes defined the instance of SQL Server.
	PartitionSchemeEvents	The PartitionSchemeEvents object represents the settings required for Microsoft SQL Server partition scheme event notification.
	PartitionSchemeParameter	The PartitionSchemeParameter object provides programmatic access to partition scheme parameters.
	PartitionSchemeParameterCollection	The PartitionSchemeParameterCollection class represents a collection of PartitionSchemeParameter objects that represent all the partition scheme parameters defined on the partition scheme.
	Payload	The Payload object represents a SQL Server HTTP endpoint payload.
	PercentCompleteEventArgs	The PercentCompleteEventArgs object represents the arguments passed by the event raised when a process reaches a percent complete marker.
	PerformanceCounters	A PerformanceCounters object represents a performance counter that is used to trace the performance of the instance of SQL Server.
	PermissionInfo	The PermissionInfo class represents information regarding granted or denied privileges.
	PermissionSetBase	The PermissionSetBase class is a base class is inherited by permission set classes.
	PhysicalPartition	The PhysicalPartition object represents the physical partition where the data and meta is stored for a SQL Server object.
	PhysicalPartitionCollection	The PhysicalPartitionCollection class represents a collection of PhysicalPartition objects that represent all the physical partitions that are defined on an object.
	PlanGuide	Creates a plan guide object: PlanGuide
	PlanGuideCollection	Collection of plan guide objects.

	PlanGuideExtender	Extends the Property set for a Plan Guide
	ProgressReportEventArgs	The ProgressReportEventArgs object provides programmatic access to the arguments used to report the progress of an operation that works through an object hierarchy, such as discovering dependencies in scripting operations.
	Property	The Property object provides programmatic access to the properties of all the SMO objects
	PropertyCannotBeRetrievedException	The PropertyCannotBeRetrievedException class represents the exception raised when a property cannot be retrieved.
	PropertyCollection	The PropertyCollection class represents a collection of Property objects that represent all the properties defined on the parent object.
	PropertyNotSetException	The PropertyNotSetException class represents the exception that is raised when a property value has not been set.
	PropertyReadOnlyException	The PropertyReadOnlyException class represents the exception that is raised when an attempt is made to set a read-only property.
	PropertyTypeMismatchException	The PropertyTypeMismatchException class represents the exception raised when an attempt is made to set the property with a value that has the incorrect data type.
	PropertyWriteException	The PropertyWriteException class represents the exception that is raised when an error occurs when setting the value of a property.
	Protocol	The Protocol object provides programmatic access to the protocols supported by SQL Server.
	RelocateFile	The RelocateFile object is a programmatic tool that lets a file be relocated.
	ResourceGovernor	ResourceGovernor class.
	ResourcePool	Resource Pool Class
	ResourcePoolCollection	Represents a collection of Resource Pools.

	Restore	The Restore object provides programmatic access to restore operations.
	Rule	The Rule object provides programmatic acc to a SQL Server rule.
	RuleCollection	The RuleCollection class represents a collec of Rule objects that represent all the rules defined on the instance of SQL Server.
	Schema	The Schema object represents an ownership context for a SQL Server database object.
	SchemaCollection	The SchemaCollection class represents a collection of Schema objects that represent the schemas on the referenced database.
	SchemaCollectionBase	The SchemaCollectionBase class is a base c that is inherited by the SchemaCollection c
	SchemaCustomResolver	Represents a diagram of a COM-based reso
	SchemaEvents	The SchemaEvents object represents the settings required for SQL Server schema ev notification.
	Scripter	The Scripter object is the overall, top-level object for managing scripting operations.
	ScriptingErrorEventArgs	The ScriptingErrorEventArgs object provide programmatic access to the arguments use report the errors that occur during scripting operations.
	ScriptingOptions	The ScriptingOptions object provides programmatic options to the options that c be set for scripting operations.
	ScriptNameObjectBase	The ScriptNameObjectBase is a base class inherited by classes that can use an alterna name used in scripting operations.
	ScriptOption	The ScriptOption object represents the SQL Server script options that can be included in scripting options that are set by using the ScriptingOptions object.
	ScriptSchemaObjectBase	The ScriptSchemaObjectBase is a base class that is inherited by classes that can use an alternative name used in scripting operation

	Server	The Server object represents an instance of Server.
	ServerActiveDirectory	The ServerActiveDirectory object provides programmatic access to the Active Director functionality.
	ServerAdapter	This class aggregates otherwise hidden ser properties.
	ServerAdapterBase	A ServerAdapterBase object is a base class is used in the construction of the ServerAda class.
	ServerAuditSpecification	The ServerAuditSpecification object represe an auditable event on the instance of SQL Server.
	ServerAuditSpecificationCollection	The ServerAuditSpecificationCollection clas represents a collection of ServerAuditSpecification objects that repres all the audit specifications defined on the server.
	ServerAuditSpecificationExtender	Adds methods and properties to the ServerAuditSpecification object.
	ServerConfigurationAdapter	Exposes methods to refresh and alter serve configuration properties.
	ServerDdlTrigger	The ServerDdlTrigger object represents a S(Server data definition language (DDL) trigg
	ServerDdlTriggerCollection	The ServerDdlTriggerCollection class repres a collection of ServerDdlTrigger objects tha represent all the server data definition language (DDL) triggers defined on a table.
	ServerDdlTriggerEvent	The ServerDdlTriggerEvent object represent the Microsoft SQL Server data definition language (DDL) trigger events that can be included in a server DDL trigger event set.
	ServerDdlTriggerEventSet	The ServerDdlTriggerEventSet object repres a set of SQL Server server data definition language (DDL) trigger events.
	ServerEvent	The ServerEvent object represents the SQL Server server events that can be included in server event set.

		The ServerEventArgs object provides programmatic access to the arguments that ar used to report all types of events that occur or an instance of SQL Server.
	ServerEvents	The ServerEvents object represents the setting required for SQL Server server-level event notification.
	ServerEventSet	The ServerEventSet object represents a set of server events on an instance of SQL Server.
	ServerPermission	The ServerPermission object represents a SQL Server server-level permission.
	ServerPermissionInfo	The ServerPermissionInfo object represents information about a SQL Server server-level permission.
	ServerPermissionSet	The ServerPermissionSet object represents a se of server permissions.
	ServerProxyAccount	The ServerProxyAccount class represents the implementation of a proxy account on an instance of SQL Server. The ProxyAccount object allows for impersonation of job step execution. Created by the system administrato it can be further be assigned to a login or a server role or a database role and one of the subsystems, except for Transact-SQL.
	ServerRole	The ServerRole object represents a Microsoft SQL Server security role.
	ServerRoleCollection	The ServerRoleCollection class represents a collection of ServerRole objects that represent all the server roles that are defined on a table.
	ServerSecurityAdapter	A security facet that extends ServerAdapterBase.
	ServerSelectionAdapter	Provides selection options for an instance of SQL Server.
	ServerSetupAdapter	A ServerSetupAdapter object represents a server setup adapter.
	ServerSurfaceAreaAdapter	A ServerSurfaceAreaAdapter object represents a server surface area adapter.
	ServerTraceEvent	

		The ServerTraceEvent object represents the Server server trace events that can be includ in a server trace event set.
	ServerTraceEventSet	The ServerTraceEventSet object represents server trace events.
	ServiceBrokerPayload	The ServiceBrokerPayload object represents SQL Server Service Broker payload.
	ServiceMasterKey	The ServiceMasterKey object represents a Microsoft SQL Server service master key.
	ServiceQueueEvent	The ServiceQueueEvent object represents tl Service Broker service queue events that ca included in a service queue event set.
	ServiceQueueEventSet	The ServiceQueueEventSet object represent set of SQL Server service queue events.
	ServiceRequestException	The ServiceRequestException class represer the exception that is raised when an error occurs during a service request.
	Settings	The Settings object represents a group of configurable settings on the instance of SQ Server.
	SfcDependencyException	The SfcDependencyException class represer an exception thrown by an SFC dependency operation fails.
	SimpleObjectCollectionBase	The SimpleObjectCollectionBase class is a b class that is used in the construction of collection objects.
	SmoApplication	The SmoApplication class represents an SM application with respect to event managem
	SmoCollectionBase	The SmoCollectionBase class is a base class is used in the construction of SMO collectic classes and contains members that are common to them.
	SmoDmfAdapter	Implements Evaluate(IBaseManagementFac
	SmoEventArgs	The SmoEventArgs object provides programmatic access to the arguments use report the events that occur in SMO applications.

SmoException	The SmoException class represents the exception that is raised when an error occu during an SMO operation.	
SmoObjectBase	The SmoObjectBase is a base class that is inherited by the SqlSmoObject class.	
SmoObjectExtender<T>	The SmoObjectExtender<T> class adds methods and properties to an SqlSmoObje class instance.	
SoapMethodCollectionBase	The SoapMethodCollectionBase class is a b class that is inherited by SOAP method collection objects and provides programma access to the collection of SOAP methods t exist in the SOAP configuration.	
SoapMethodObject	The SoapMethodObject class provides programmatic access to the referenced SO/ method.	
SoapPayload	The SoapPayload object represents a SQL Server SOAP payload.	
SoapPayloadMethod	The SoapPayloadMethod class represents a SOAP payload method for the referenced H endpoint.	
SoapPayloadMethodCollection	The SoapPayloadMethodCollection class represents a collection of SoapPayloadMetl objects that represent all the SOAP payloac methods defined on a table.	
SortedListCollectionBase	The SortedListCollectionBase class is a base class that is used in the construction of sort list collection classes.	
SqlAssembly	The SqlAssembly class represents an assem in the Microsoft .NET environment.	
SqlAssemblyCollection	The SqlAssemblyCollection class represents collection of SqlAssembly objects that represent all the assemblies defined on a ta	
SqlAssemblyEvent	The SqlAssemblyEvent object represents th SQL Server assembly events that can be included in an assembly event set.	
SqlAssemblyEvents	The SqlAssemblyEvents object represents th settings that are required for SQL Server assembly event notification.	

	SqlAssemblyEventSet	The SqlAssemblyEventSet object represents set of assembly events.
	SqlAssemblyFile	The SqlAssemblyFile object represents an assembly file that stores an assembly.
	SqlAssemblyFileCollection	The SqlAssemblyFileCollection class represe a collection of SqlAssemblyFile objects that represent all the assembly files that are defi on a table.
	SqlPropertyCollection	The SqlPropertyCollection class is an abstra class that is used in the management of obj properties.
	SqlPropertyInfo	The SqlPropertyInfo class is an abstract clas used to store information about properties.
	SqlServerRegistrations	**Obsolete.** Represents registered instances SQL Server.
	SqlSmoObject	The SqlSmoObject object represents all SQL Server objects.
	Statistic	The Statistic class represents a SQL Server statistic counter.
	StatisticCollection	The StatisticCollection class represents a collection of Statistic objects that represent the statistic counters defined on the table o view.
	StatisticColumn	The StatisticColumn object represents a col defined in a SQL Server statistics counter.
	StatisticColumnCollection	The StatisticColumnCollection class represe a collection of StatisticColumn objects that represent all the statistic columns defined c table.
	StatisticEvents	The StatisticEvents object represents the settings required for SQL Server statistic counter event notification.
	StoredProcedure	The StoredProcedure object represents a SQ Server stored procedure.
	StoredProcedureCollection	The StoredProcedureCollection class repres a collection of StoredProcedure objects tha represent all the stored procedures that are defined on a table.

	StoredProcedureEvent	The StoredProcedureEvent object represent the SQL Server stored procedure events tha can be included in an stored procedure eve set.
	StoredProcedureEvents	The StoredProcedureEvents object represer the settings that are required for SQL Serve stored procedure event notification.
	StoredProcedureEventSet	The StoredProcedureEventSet object repres a set of stored procedure events.
	StoredProcedureParameter	The StoredProcedureParameter object represents a SQL Server stored procedure parameter.
	StoredProcedureParameterCollection	The StoredProcedureParameterCollection c represents a collection of StoredProcedureParameter objects that represent all the stored procedure paramet defined on a table.
	SymmetricKey	The SymmetricKey object represents a SQL Server symmetric key.
	SymmetricKeyCollection	The SymmetricKeyCollection class represen collection of SymmetricKey objects that represent all the symmetric keys on the referenced database.
	SymmetricKeyEncryption	The SymmetricKeyEncryption class represer the encryption type used when encrypting symmetric keys.
	Synonym	The Synonym object represents a SQL Serve synonym.
	SynonymCollection	The SynonymCollection class represents a collection of Synonym objects that represer the synonyms on the referenced database.
	SynonymEvents	The SynonymEvents object represents the settings that are required for SQL Server synonym event notification.
	SystemDataType	The SystemDataType object represents a supported system data type. The SystemDataTypeCollection represents all th supported system data types.
	SystemDataTypeCollection	The SystemDataTypeCollection class repres a collection of SystemDataType objects tha

		represent all the system data types on the referenced database.
	SystemMessage	The SystemMessage object represents messages defined by the system.
	SystemMessageCollection	The SystemMessageCollection class represe a collection of SystemMessage objects that represent all the system messages on the instance of SQL Server.
	Table	The Table object represents a SQL Server ta
	TableCollection	The TableCollection class represents a collection of Table objects that represent al tables on the referenced database.
	TableEvent	The TableEvent object represents the SQL Server table events that can be included in table event set.
	TableEvents	The TableEvents object represents the setti required for SQL Server table event notifica
	TableEventSet	The TableEventSet object represents a set c table events.
	TableViewBase	The TableViewBase class is a base class that used in the construction of the Table class a View class. It contains functionality that is common to both classes.
	TableViewTableTypeBase	Base class for table view types.
	TcpProtocol	The TcpProtocol object provides programm access to the protocols supported by Microsoft SQL Server.
	Transfer	The Transfer object is a tool object that provides programmatic control over copyin schemas and data to other instances of SQl Server.
	Trigger	The Trigger object represents a SQL Server trigger.
	TriggerCollection	The TriggerCollection class represents a collection of Trigger objects that represent the triggers defined on a table.
	TriggerEvents	

		The TriggerEvents object represents the settings that are required for SQL Server trigger event notification.
	UnknownPropertyException	The UnknownPropertyException class represents the exception that is raised when an SMO operation encounters an unknown property.
	UnsupportedEngineTypeException	The UnsupportedEngineTypeException class represents the exception raised when an SMO operation is attempted on a Database Engine type that does not support that operation. A Database Engine type is either an instance of the SQL Server Database Engine, or SQL Azure
	UnsupportedFeatureException	The UnsupportedFeatureException class represents the exception raised when an SMO operation encounters a request for an unsupported feature.
	UnsupportedObjectNameException	The UnsupportedObjectNameException class represents the exception that is raised when an SMO operation encounters an unsupported object name.
	UnsupportedVersionException	The UnsupportedVersionException class represents the exception raised when an SMO operation encounters an unsupported version of SQL Server.
	UrnCollection	The UrnCollection class represents a collection of Urn objects that represent Uniform Resource Name (URN) addresses.
	User	The User object represents a SQL Server user.
	UserCollection	The UserCollection class represents a collection of User objects that represent all the database users defined on a database.
	UserDefinedAggregate	The UserDefinedAggregate object represents a SQL Server user-defined aggregate.
	UserDefinedAggregateCollection	The UserDefinedAggregateCollection class represents a collection of UserDefinedAggregate objects that represent all the database user-defined aggregates that are defined on a database.
	UserDefinedAggregateParameter	

		The UserDefinedAggregateParameter object represents the parameters that are used with user-defined aggregate.
	UserDefinedAggregateParameterCollection	The UserDefinedAggregateParameterColle class represents a collection of UserDefinedAggregateParameter objects th represent all the user-defined aggregate parameters that are defined on a table.
	UserDefinedDataType	The UserDefinedDataType object represent SQL Server user-defined data type.
	UserDefinedDataTypeCollection	The UserDefinedDataTypeCollection class represents a collection of UserDefinedData objects that represent all the user-defined (types defined on a table.
	UserDefinedDataTypeResolver	Resolves objects of user-defined types.
	UserDefinedFunction	The UserDefinedFunction object represents SQL Server user-defined function.
	UserDefinedFunctionCollection	The UserDefinedFunctionCollection class represents a collection of UserDefinedFunc objects that represent all the user-defined functions that are defined on a table.
	UserDefinedFunctionEvent	The UserDefinedFunctionEvent object represents the SQL Server user-defined function events that can be included in a us defined function event set.
	UserDefinedFunctionEvents	The UserDefinedFunctionEvents object represents the settings that are required for SQL Server user-defined function event notification.
	UserDefinedFunctionEventSet	The UserDefinedFunctionEventSet object represents a SQL Server set of user-defined function events.
	UserDefinedFunctionParameter	The UserDefinedFunctionParameter object represents a SQL Server user-defined functi parameter.
	UserDefinedFunctionParameterCollection	The UserDefinedFunctionParameterCollecti class represents a collection of UserDefinedFunctionParameter objects that represent all the user-defined function parameters that are defined on a table.

	UserDefinedMessage	The UserDefinedMessage object represents user-defined message.
	UserDefinedMessageCollection	The UserDefinedMessageCollection class represents a collection of UserDefinedMess objects that represent all the user-defined messages defined on a table.
	UserDefinedTableType	The UserDefinedTableType object represen SQL Server user-defined table type data typ
	UserDefinedTableTypeCollection	The UserDefinedTableTypeCollection class represents a collection of UserDefinedTableType objects that represe all the user-defined table types that are def on a database.
	UserDefinedTableTypeResolver	Resolves the type of a user defined table to Object.
	UserDefinedType	The UserDefinedType represents an alias da type that is based on .NET data types.
	UserDefinedTypeCollection	The UserDefinedTypeCollection class repres a collection of UserDefinedType objects tha represent all the alias data types that are defined on a table.
	UserDefinedTypeEvents	The UserDefinedTypeEvents object represe the settings required for SQL Server user-defined type event notification.
	UserDefinedTypeResolver	Resolves user-defined data types.
	UserEvents	The UserEvents object represents the settin that are required for SQL Server database u event notification.
	UserOptions	The UserOptions object represents a set configurable server options that relate specifically to users.
	VerifyCompleteEventArgs	The VerifyCompleteEventArgs object provic programmatic access to the arguments use report the details of the event that occurs v a backup verification operation completes.
	VersionSerializationAdapter	Adapts the serialization mode to the versio SQL Server in use.
	View	The View object represents a SQL Server vie

	ViewCollection	The ViewCollection class represents a collection of View objects that represent all the views defined on a table.
	ViewEvent	The ViewEvent object represents the SQL Server view events that can be included in a view event set.
	ViewEvents	The ViewEvents object represents the settings that are required for SQL Server view event notification.
	ViewEventSet	The ViewEventSet object represents a set of view events.
	WorkloadGroup	The WorkloadGroup class is represents a SQL Server workgroup, which contains a group of session requests. Workload groups allow aggregate monitoring of resource consumption and application of uniform policies to all requests in the group.
	WorkloadGroupCollection	Initializes a workload group.
	WrongPropertyValueException	The WrongPropertyValueException class represents the exception that is raised when property is assigned the wrong value.
	XmlSchemaCollection	The XmlSchemaCollection object represents collection of XML namespaces. The collection of XML namespaces behave a composite object though the namespaces can be enumerated within the collection.
	XmlSchemaCollectionCollection	The XmlSchemaCollectionCollection class represents a collection of XmlSchemaCollection objects that represent all the XML schema collections defined on a table. The XmlSchemaCollection object represents a collection of XML namespaces.

Structures

	Structure	Description
	AuditSpecificationDetail	The AuditSpecificationDetail object represents a SQL Server audit specification detail required when creating an audit.

	DdlTextParserHeaderInfo	This class supports the SMO infrastructure and is not intended to be used directly from your code.

Interfaces

	Interface	Description
	IColumnPermission	The IColumnPermission class represents the interface that manages permissions for a specified column.
	IDatabaseMaintenanceFacet	Interface that defined methods and properties for the database maintenance facet.
	IDatabaseOptions	Interface with properties that expose database options.
	IDatabasePerformanceFacet	Defines methods and properties that can be used to measure and influence database performance.
	IDatabaseSecurityFacet	Security facet interface.
	IExtendedProperties	The IExtendedProperties class is an interface that represents the collection of extended properties associated with an object.
	ILoginOptions	The ILoginOptions class is an interface that represents a collection of options associated with a login.
	IMultipartNameFacet	Interface to deal with object names containing both the object and the schema.
	INameFacet	Represents the name facet interface.
	IObjectPermission	The IObjectPermission class represents the interface used to set object permissions.
	IScriptable	The IScriptable class represents the interface used to create Transact-SQL scripts of SMO objects.
	IServerAuditFacet	Interface that identifies audit facet members.
	IServerConfigurationFacet	Contains configuration information for interfaces based on the Configuration object.
	IServerInformation	An interface based on the Information type properties.
	IServerPerformanceFacet	An interface for the performance facet.

	ISeverSecurityFacet	An interface that defines members for the SeverSecurityFacet.
	IServerSelectionFacet	The IServerSelectionFacet class contains members that represent the SQL Server policy-based management server selection facet objects.
	IServerSettings	An interface for SQL Server 2008 Policy-Based Management that is based on Settings.
	IServerSetupFacet	Represents the Policy-Based Management facet interface for setting up an instance of SQL Server.
	ISurfaceAreaFacet	An interface that defines surface area facet members.
	ITableOptions	The ITableOptions class is an interface that represents a collection of options that is associated with a table.
	ITextObject	The ITextObject class represents the interface that is used to implement text on objects.
	IUserOptions	The IUserOptions class is an interface that represents a collection of options that is associated with a user.
	IViewOptions	The IViewOptions class is an interface that represents a collection of options that is associated with a view.

Delegates

	Delegate	Description
	PercentCompleteEventHandler	The PercentCompleteEventHandler class represents the event handler that is used to handle percent complete events.
	ProgressReportEventHandler	The ProgressReportEventHandler class represents the event handler that is used to handle progress report events.
	ScriptingErrorEventHandler	The ScriptingErrorEventHandler class represents the event handler that is used to handle scripting errors.
	ScriptingFilter	Do not reference this member directly in your code. It supports the SQL Server infrastructure. Supplies filtering for scripts.
	ServerEventHandler	

		The ServerEventHandler class represents the event handler that is used to handle server errors.
	SmoApplication.AnyObjectEventHandler	The SmoApplication.AnyObjectEventHandler class represents the event handler that is used to handle events from any object.
	SmoApplication.DatabaseEventHandler	The SmoApplication.DatabaseEventHandler class represents the event handler that handles database events.
	SmoApplication.ObjectAlteredEventHandler	The SmoApplication.ObjectAlteredEventHandler class represents the event handler that is used to handle events that occur when an object is altered.
	SmoApplication.ObjectCreatedEventHandler	The SmoApplication.ObjectCreatedEventHandler class represents the event handler that is used to handle events when an object is created.
	SmoApplication.ObjectDroppedEventHandler	The SmoApplication.ObjectDroppedEventHandler class represents the event handler that is used to handle events when an object is dropped.
	SmoApplication.ObjectRenamedEventHandler	The SmoApplication.ObjectRenamedEventHandler class represents the event handler that handles events that occur when an object is renamed.
	VerifyCompleteEventHandler	The VerifyCompleteEventHandler class represents the event handler that handles completion events.

Enumerations

	Enumeration	Description
	ActivationExecutionContext	The ActivationExecutionContext enumeration contains values that specify the security context used by a procedure. These procedures are activated by a service queue.

		The AffinityType enumeration represents the possible affinity settings for an instance of SQL Server.
	AssemblyAlterOptions	The AssemblyAlterOptions enumeration contains values that are used to specify the addition options when modifying an assembly. The values are **bit** flag values, and they can be combined by adding the values.
	AssemblySecurityLevel	The AssemblySecurityLevel enumeration contains values that are used to specify the access rights for an assembly.
	AsymmetricKeyEncryptionAlgorithm	The AsymmetricKeyEncryptionAlgorithm enumeration contains values that are used to specify an encryption algorithm used on an asymmetric key.
	AsymmetricKeySourceType	The AsymmetricKeySourceType enumeration contains values that are used to specify the source type used to load an asymmetric key.
	AttachOptions	The AttachOptions enumeration contains values that are used to specify attach options.
	AuditActionType	The AuditActionType enumeration contains values that are used to specify the audit action types.
	AuditDestinationType	The AuditDestination enumeration contains values that are used to specify the destination, to which the results of a SQL Server Audit are sent.
	AuditFileSizeUnit	The AuditFileSizeUnit enumeration contains values that are used to specify the unit that specifies the size of the audit file.
	AuditLevel	The AuditLevel enumeration contains values that are used to specify the SQL Server audit level setting.
	AuditStatusType	The AuditStatusType enumeration contains values that are used to specify the status of the audit.
	BackupActionType	The BackupActionType enumeration contains values that are used to specify the type of backup.
	BackupCompressionOptions	The BackupCompressionOptions enumeration contains values that are used to specify the backup compression option.
	BackupDeviceType	

		The BackupDeviceType enumeration contains values that are used to specify the backup device type.
	BackupRestoreBase.AsyncOperation	The BackupRestoreBase.AsyncOperation enumeration contains values that are used to specify which backup components are running asynchronously.
	BackupSetFlag	The BackupSetFlag enumeration contains values that are used to specify the purpose of the backup.
	BackupSetType	The BackupSetType enumeration contains values that are used to specify the backup type.
	BackupTruncateLogType	The BackupTruncateLogType enumeration contains values that are used to specify the truncate action taken on the log.
	CatalogPopulationAction	The CatalogPopulationAction enumeration contains values that are used to specify the method used to populate a full-text catalog.
	CatalogPopulationStatus	The CatalogPopulationStatus enumeration contains values that are used to specify the status of the full-text catalog.
	CertificateSourceType	The CertificateSourceType enumeration contains values that are used to specify the source of the certificate.
	ChangeTracking	The ChangeTracking enumeration contains values that are used to specify change tracking in a full-text index.
	CollationVersion	The CollationVersion enumeration contains values that specify the collation versions.
	CompatibilityLevel	The CompatibilityLevel enumeration is a list of constant values that specify the behavior that corresponds to a version of SQL Server.
	CreateDispositionType	The CreateDispositionType enumeration contains values that are used to specify the source of the symmetric key.
	DatabaseDdlTriggerExecutionContext	The DatabaseDdlTriggerExecutionContext enumeration contains values that are used to specify the execution context under which the database DDL trigger runs.
	DatabaseEncryptionAlgorithm	

		Specifies the algorithm used to encrypt the database encryption key
	DatabaseEncryptionState	Enumerates the possible encryption states of a database.
	DatabaseEncryptionType	The DatabaseEncryptionType enumeration contains values that are used to specify the encryption types.
	DatabaseEventType	The DatabaseEventType enumeration is a list of constant values that specify the database event type.
	DatabaseObjectTypes	The DatabaseObjectTypes enumeration is a list of constant values that specifies the types of database object.
	DatabasePermissionSetValue	The DatabasePermissionSetValue enumeration is a list of constant values that specify all the database permissions.
	DatabaseStatus	The DatabaseStatus enumeration is a list of constant values that specify the status of a database, whether it be loading, recovering, or normal, for example. This enumeration has a **FlagsAttribute** attribute that allows a bitwise combination of its member values.
	DatabaseUserAccess	The DatabaseUserAccess enumeration is a list of constant values that specify how user access can be restricted.
	DataCompressionType	The DataCompressionType enumeration contains values that are used to specify the type of data compression used to store data on the physical partition.
	DependencyType	The DependencyType enumeration is a list of constant values that specifies the direction of the dependency discovery operation.
	DeviceType	The DeviceType enumeration is a list of constant values that specify the various different types of devices supported by SQL Server.
	Edition	The Edition enumeration is a list of constant values that specify the various different types of devices that are supported by SQL Server.
	EndpointAuthenticationOrder	The EndpointAuthenticationOrder enumeration contains values that are used to specify the authentication methods and order of preference for the endpoint connection.

EndpointEncryption	The EndpointEncryption enumeration contains values that are used to specify the state of encryption on the endpoint.	
EndpointEncryptionAlgorithm	The EndpointEncryptionAlgorithm enumeration contains values that are used to specify an encryption algorithm used on an endpoint.	
EndpointState	The EndpointState enumeration is a list of constant values that specifies the state of the HTTP endpoint.	
EndpointType	The EndpointType enumeration is a list of constant values that specifies the type of HTTP endpoint.	
EventType	The EventType enumeration is a list of constant values that specify the various different types of events that are supported by SQL Server.	
ExecutionContext	The ExecutionContext enumeration is a list of constant values that specify the different types of context (or which role is assumed) when executing a process represented by an object.	
ExecutionStatus	The ExecutionStatus enumeration is a list of constant values that specify the status of an executing process.	
FileGrowthType	The FileGrowthType enumeration is a list of constant values that specify whether file growth is determined by percentage amount or by KB.	
FilestreamAccessLevelType	The FilestreamAccessLevelType enumeration contains values that are used to specify the type of access permitted on file stream operations.	
FileStreamEffectiveLevel	The FileStreamEffectiveLevel enumeration contains values that are used to specify the file stream level.	
FileStreamLevel	The FileStreamLevel enumeration contains values that are used to specify the file stream level.	
ForeignKeyAction	The ForeignKeyAction enumeration is a list of constant values that specify the action that is taken when the primary key reference by a foreign key is updated.	
FragmentationOption	The FragmentationOption enumeration is a list of constant values that specify the levels of detail of collected fragmentation information.	
FullTextCatalogUpgradeOption	The FullTextCatalogUpgradeOption enumeration contains values that are used to specify the action taken when the full-text catalog is upgraded.	

	HttpAuthenticationModes	The HttpAuthenticationModes enumeration contains values that specify the HTTP port for HTTP endpoints.
	HttpPortTypes	The HttpPortTypes enumeration contains values that are used to specify the type HTTP port.
	ImplementationType	The ImplementationType enumeration contains values that are used to specify the type of implementation for a stored procedure, a user-defined function, and other objects.
	IndexEnableAction	The IndexEnableAction enumeration contains values that are used to specify the action that is taken on an index when it is enabled after having been disabled.
	IndexKeyType	The IndexKeyType enumeration contains values that are used to specify the type of key on which the index is created.
	IndexOperation	The IndexOperation enumeration contains values that are used to specify index operations.
	IndexPopulationAction	The IndexPopulationAction enumeration contains values that are used to specify the type of Microsoft Search full-text index population.
	IndexPopulationStatus	The IndexPopulationStatus enumeration contains values that are used to specify the type of population in progress.
	InDoubtTransactionResolutionType	Enumerates possible responses to in-doubt transactions.
	KeyEncryptionType	The KeyEncryptionType enumeration is a list of constant values that specify the key encryption type.
	LinkedTableType	The LinkedTableType enumeration contains values that specify the type of table accessed on a linked server.
	LinkFieldType	The LinkFieldType enumeration contains values that specify the type of link field.
	LockEscalationType	An enumeration that lists lock escalation types.
	LockRequestStatus	The LockRequestStatus enumeration contains constant values that specify the lock request status.
	LoginCreateOptions	The LoginCreateOptions enumeration contains values that are used to specify the password options when you create a logon.

	LoginType	The LoginType enumeration contains values that are used to specify the authentication type and the Windows account type.
	LogReuseWaitStatus	The LogReuseWaitStatus enumeration contains values that specify the current operation on which the reuse of transaction log space is waiting.
	MappedClassType	Enumerates credential mapping options.
	MediaTypes	The MediaTypes enumeration contains values that are used to specify the type of media used to store data. This enumeration has a **FlagsAttribute** attribute that allows a bitwise combination of its member values.
	MethodLoginType	The MethodLoginType enumeration contains values that are used to specify the method used for logging on to the instance of SQL Server.
	MethodXsdSchemaOption	The MethodXsdSchemaOption enumeration contains values that specify the XSD schema returned for a SOAP method.
	MirroringOption	The MirroringOption enumeration contains values that specify the mirroring options for a database.
	MirroringRole	The MirroringRole enumeration contains values that specify the role the database plays in mirroring.
	MirroringSafetyLevel	The MirroringSafetyLevel enumeration contains values that specify the safety guarantee on updates to the mirrored database.
	MirroringStatus	The MirroringStatus enumeration contains values that specify the state of a database regarding mirroring.
	MirroringWitnessStatus	The MirroringWitnessStatus enumeration contains values that specify the state of the mirroring witness.
	Month	The Month enumeration contains constant values that specify the twelve calendar months.
	NSActivationState	The NSActivationState enumeration contains constant values that specify the activation state of Notification Services.
	NumaNodeAffinity	The NumaNodeAffinity enumeration defines the affinity states for a Cpu object.

	ObjectClass	The ObjectClass enumeration contains values that specify the SMO class type.
	ObjectPermissionSetValue	The ObjectPermissionSetValue enumeration is a list of constant values that specify all the object permissions.
	OnFailureAction	The OnFailureAction enumeration contains values that specify the action to be taken when an audit fails.
	PageVerify	The PageVerify enumeration contains constant values that specify the automatic page verification options for a database.
	PerfMonMode	The PerfMonMode enumeration contains values that are used to specify the polling behavior in Performance Monitor.
	PermissionState	The PermissionState enumeration contains values that specify the state of a permission.
	PlanGuideType	Enumerates the possible Plan Guide types.
	PrincipalType	The PrincipalType enumeration contains values that specify the type of user, role, or login.
	PrivateKeyEncryptionType	The PrivateKeyEncryptionType enumeration contains values that are used to specify the encryption types for a private key associated with a certificate or an asymmetric key.
	PrivilegeTypes	The PrivilegeTypes enumeration contains values that are used to specify the operations that the grantee can perform on the specified object when permission is granted.
	ProtocolType	The ProtocolType enumeration contains values that are used to specify the type of protocol.
	ProviderAuthenticationType	Specifies the type of authentication supported by Cryptographic Provider.
	RangeType	The RangeType enumeration contains values that are used to specify the type range.
	RecoveryModel	The RecoveryModel enumeration contains values that are used to specify the type of recovery model.
	RepairOptions	The RepairOptions enumeration contains values that are used to specify the repair options that are used when checking data in a table.

	RepairStructure	The RepairRepairStructure enumeration contains values that are used to specify the type of repair options used when checking data in a table.
	RepairType	The RepairType enumeration contains values that are used to specify the type of repair mode used by the database consistency check (DBCC) functions.
	ReplicationOptions	The ReplicationOptions enumeration contains values that are used to specify the replication settings for the referenced database.
	ResourceUsage	The ResourceUsage enumeration contains values that specify the relative operating system execution priority setting for the Microsoft Search service.
	RestoreActionType	The RestoreActionType enumeration contains values that are used to specify the type of action that is required during a data restore operation.
	RestoreType	The RestoreType enumeration contains values that specify the type of restore operation to perform.
	ResultFormat	The ResultFormat enumeration contains values that specify the format in which to return results for an HTTP endpoint.
	RetentionPeriodUnits	Enumerates values that specify the units for the retention period.
	RoleTypes	The RoleTypes enumeration contains values that are used to specify the type of role.
	SecondaryXmlIndexType	The SecondaryXmlIndexType enumeration contains values that are used to specify the secondary XML index type.
	ServerDdlTriggerExecutionContext	The ServerDdlTriggerExecutionContext enumeration contains values that are used to specify the execution context under which the server DDL trigger runs.
	ServerLoginMode	The ServerLoginMode enumeration contains values that are used to specify the method used to connect to the instance of SQL Server.
	ServerMirroringRole	The ServerMirroringRole enumeration contains values that are used to specify the role of the instance of SQL Server when participating in mirroring.
	ServerPermissionSetValue	

		The ServerPermissionSetValue enumeration is a list of constant values that specify all the database permissions.
	ServerStatus	The ServerStatus enumeration contains values that are used to specify the status of the instance of SQL Server.
	ServiceStartMode	The ServiceStartMode enumeration contains values that are used to specify the method that is used to start a service.
	ShrinkMethod	The ShrinkMethod enumeration contains values that are used to specify the method that is used shrink a database file.
	SmoExceptionType	The SmoExceptionType enumeration contains values that are used to specify the type of SMO exception.
	SnapshotIsolationState	The SnapshotIsolationState enumeration contains values that are used to specify the current state of snapshot isolation.
	SortOrder	The SortOrder enumeration contains values that specify how objects are sorted in an enumerated list.
	SpatialGeoLevelSize	Enumerates grid density levels for spatial indexes.
	SpatialIndexType	Enumerates possible spatial index types.
	SqlDataType	The SqlDataType enumeration contains values that are used to specify a SQL Server data type.
	SqlServerVersion	The SqlServerVersion enumeration contains values that are used to specify the version of the referenced instance of SQL Server.
	SqlServerVersions	The SqlServerVersions enumeration contains values that are used to specify the version of the referenced instance of SQL Server.
	SqlSmoState	The SqlSmoState enumeration contains values that are used to specify the state of an SMO object.
	SqlVerifyAction	The SqlVerifyAction enumeration contains values that are used to specify the type of backup verification.
	StatisticsScanType	

		The StatisticsScanType enumeration contains values that specify the ways in which statistical information is collected from tables or views during the creation or update of a statistic counter.
	StatisticsTarget	The StatisticsTarget enumeration contains values that specify the type of statistic that is targeted for the update operation.
	StopListOption	The StopListOption enumeration contains values that are used to specify the way in which a new stop list is created.
	SymmetricKeyEncryptionAlgorithm	The SymmetricKeyEncryptionAlgorithm enumeration contains values that specify the algorithm that is used to encrypt the symmetric key.
	SymmetricKeyEncryptionType	The SymmetricKeyEncryptionType enumeration contains constant values that specify the type of symmetric key encryption.
	SynonymBaseType	The SynonymBaseType enumeration contains constant values that specify the type of synonym.
	TerminationClause	The TerminationClause enumeration contains constant values that specify the action taken when transactions are terminated.
	TransactionTypes	The TransactionTypes enumeration contains constant values that specify the method of recording transactions.
	UrnIdOption	Enumerates URN identification options.
	UserDefinedFunctionType	The UserDefinedFunctionType enumeration is a list of constant values that specify the types of user-defined functions that are supported by SQL Server.
	UserDefinedTypeFormat	The UserDefinedTypeFormat enumeration is a list of constant values that specify the formats used by user-defined types.
	UserType	The UserType enumeration contains constant values that specify the security type for the user.
	WindowsLoginAccessType	The WindowsLoginAccessType enumeration contains constant values that specify the type of access a Windows login has to the instance of SQL Server.
	WorkloadGroupImportance	

		The WorkloadGroupImportance enumeration contains values that specify the importance of workload groups.
	WsdlGeneratorOption	The WsdlGeneratorOption enumeration contains constant values that specify the Web Services Description Language (WSDL) generator options.
	XmlDocumentConstraint	The XmlDocumentConstraint enumeration contains constant values that specify the constraints imposed on an XML document.
	XmlFormatOption	The WsdlGeneratorOption enumeration contains constant values that specify the Web Services Description Language (WSDL) generator options.
	XmlTypeDerivation	The XmlTypeDerivation enumeration contains constant values that specify the XML type derivation.
	XmlTypeKind	The XmlTypeKind enumeration contains constant values that specify the kind of XML component.
	XsdSchemaOption	The XsdSchemaOption enumeration contains constant values that specify whether an inline schema for the method result is returned in the SOAP response.

Community Additions