

OBJECTPROPERTY (Transact-SQL)

 docs.microsoft.com/en-us/sql/t-sql/functions/objectproperty-transact-sql

Property name	Object type	Description and values returned
CnstIsClustKey	Constraint	PRIMARY KEY constraint with a clustered index. 1 = True 0 = False
CnstIsColumn	Constraint	CHECK, DEFAULT, or FOREIGN KEY constraint on a single column. 1 = True 0 = False
CnstIsDeleteCascade	Constraint	FOREIGN KEY constraint with the ON DELETE CASCADE option. 1 = True 0 = False
CnstIsDisabled	Constraint	Disabled constraint. 1 = True 0 = False
CnstIsNonclustKey	Constraint	PRIMARY KEY or UNIQUE constraint with a nonclustered index. 1 = True 0 = False

Property name	Object type	Description and values returned
CnstIsNotRepl	Constraint	<p>Constraint is defined by using the NOT FOR REPLICATION keywords.</p> <p>1 = True</p> <p>0 = False</p>
CnstIsNotTrusted	Constraint	<p>Constraint was enabled without checking existing rows; therefore, the constraint may not hold for all rows.</p> <p>1 = True</p> <p>0 = False</p>
CnstIsUpdateCascade	Constraint	<p>FOREIGN KEY constraint with the ON UPDATE CASCADE option.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsAfterTrigger	Trigger	<p>AFTER trigger.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsAnsiNullsOn	Transact-SQL function, Transact-SQL procedure, Transact-SQL trigger, view	<p>Setting of ANSI_NULLS at creation time.</p> <p>1 = True</p> <p>0 = False</p>

Property name	Object type	Description and values returned
ExecIsDeleteTrigger	Trigger	DELETE trigger. 1 = True 0 = False
ExecIsFirstDeleteTrigger	Trigger	First trigger fired when a DELETE is executed against the table. 1 = True 0 = False
ExecIsFirstInsertTrigger	Trigger	First trigger fired when an INSERT is executed against the table. 1 = True 0 = False
ExecIsFirstUpdateTrigger	Trigger	First trigger fired when an UPDATE is executed against the table. 1 = True 0 = False
ExecIsInsertTrigger	Trigger	INSERT trigger. 1 = True 0 = False
ExecIsInsteadOfTrigger	Trigger	INSTEAD OF trigger. 1 = True 0 = False

Property name	Object type	Description and values returned
ExecIsLastDeleteTrigger	Trigger	<p>Last trigger fired when a DELETE is executed against the table.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsLastInsertTrigger	Trigger	<p>Last trigger fired when an INSERT is executed against the table.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsLastUpdateTrigger	Trigger	<p>Last trigger fired when an UPDATE is executed against the table.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsQuotedIdentOn	Transact-SQL function, Transact-SQL procedure, Transact-SQL trigger, view	<p>Setting of QUOTED_IDENTIFIER at creation time.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsStartup	Procedure	<p>Startup procedure.</p> <p>1 = True</p> <p>0 = False</p>

Property name	Object type	Description and values returned
ExecIsTriggerDisabled	Trigger	<p>Disabled trigger.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsTriggerNotForRepl	Trigger	<p>Trigger defined as NOT FOR REPLICATION.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsUpdateTrigger	Trigger	<p>UPDATE trigger.</p> <p>1 = True</p> <p>0 = False</p>
ExecIsWithNativeCompilation	Transact-SQL Procedure	<p>Applies to: SQL Server 2014 (12.x) and later.</p> <p>Procedure is natively compiled.</p> <p>1 = True</p> <p>0 = False</p> <p>Base data type: int</p>
HasAfterTrigger	Table, view	<p>Table or view has an AFTER trigger.</p> <p>1 = True</p> <p>0 = False</p>
HasDeleteTrigger	Table, view	<p>Table or view has a DELETE trigger.</p> <p>1 = True</p> <p>0 = False</p>

Property name	Object type	Description and values returned
HasInsertTrigger	Table, view	Table or view has an INSERT trigger. 1 = True 0 = False
HasInsteadOfTrigger	Table, view	Table or view has an INSTEAD OF trigger. 1 = True 0 = False
HasUpdateTrigger	Table, view	Table or view has an UPDATE trigger. 1 = True 0 = False
IsAnsiNullsOn	Transact-SQL function, Transact-SQL procedure, table, Transact-SQL trigger, view	Specifies that the ANSI NULLS option setting for the table is ON. This means all comparisons against a null value evaluate to UNKNOWN. This setting applies to all expressions in the table definition, including computed columns and constraints, for as long as the table exists. 1 = True 0 = False
IsCheckCnst	Any schema-scoped object	CHECK constraint. 1 = True 0 = False

Property name	Object type	Description and values returned
IsConstraint	Any schema-scoped object	Is a single column CHECK, DEFAULT, or FOREIGN KEY constraint on a column or table. 1 = True 0 = False
IsDefault	Any schema-scoped object	Applies to: SQL Server 2008 and later. Bound default. 1 = True 0 = False
IsDefaultCnst	Any schema-scoped object	DEFAULT constraint. 1 = True 0 = False
IsDeterministic	Function, view	The determinism property of the function or view. 1 = Deterministic 0 = Not Deterministic

Property name	Object type	Description and values returned
IsEncrypted	Transact-SQL function, Transact-SQL procedure, table, Transact-SQL trigger, view	<p>Indicates that the original text of the module statement was converted to an obfuscated format. The output of the obfuscation is not directly visible in any of the catalog views in SQL Server 2005 (9.x). Users without access to system tables or database files cannot retrieve the obfuscated text. However, the text is available to users that can either access system tables over the <u>DAC port</u> or directly access database files. Also, users that can attach a debugger to the server process can retrieve the original procedure from memory at run time.</p> <p>1 = Encrypted</p> <p>0 = Not encrypted</p> <p>Base data type: int</p>
IsExecuted	Any schema-scoped object	<p>Object can be executed (view, procedure, function, or trigger).</p> <p>1 = True</p> <p>0 = False</p>
IsExtendedProc	Any schema-scoped object	<p>Extended procedure.</p> <p>1 = True</p> <p>0 = False</p>

Property name	Object type	Description and values returned
IsForeignKey	Any schema-scoped object	FOREIGN KEY constraint. 1 = True 0 = False
IsIndexed	Table, view	Table or view that has an index. 1 = True 0 = False
IsIndexable	Table, view	Table or view on which an index can be created. 1 = True 0 = False
IsInlineFunction	Function	Inline function. 1 = Inline function 0 = Not inline function
IsMSShipped	Any schema-scoped object	Object created during installation of SQL Server. 1 = True 0 = False
IsPrimaryKey	Any schema-scoped object	PRIMARY KEY constraint. 1 = True 0 = False NULL = Not a function, or object ID is not valid.

Property name	Object type	Description and values returned
IsProcedure	Any schema-scoped object	Procedure. 1 = True 0 = False
IsQuotedIdentOn	Transact-SQL function, Transact-SQL procedure, table, Transact-SQL trigger, view, CHECK constraint, DEFAULT definition	Specifies that the quoted identifier setting for the object is ON. This means double quotation marks delimit identifiers in all expressions involved in the object definition. 1 = ON 0 = OFF
IsQueue	Any schema-scoped object	Service Broker Queue 1 = True 0 = False
IsReplProc	Any schema-scoped object	Replication procedure. 1 = True 0 = False
IsRule	Any schema-scoped object	Bound rule. 1 = True 0 = False

Property name	Object type	Description and values returned
IsScalarFunction	Function	<p>Scalar-valued function.</p> <p>1 = Scalar-valued function</p> <p>0 = Not scalar-valued function</p>
IsSchemaBound	Function, view	<p>A schema bound function or view created by using SCHEMABINDING.</p> <p>1 = Schema-bound</p> <p>0 = Not schema-bound.</p>
IsSystemTable	Table	<p>System table.</p> <p>1 = True</p> <p>0 = False</p>
IsSystemVerified	Object	<p>SQL Server can verify the determinism and precision properties of the object.</p> <p>1 = True</p> <p>0 = False</p>
IsTable	Table	<p>Table.</p> <p>1 = True</p> <p>0 = False</p>
IsTableFunction	Function	<p>Table-valued function.</p> <p>1 = Table-valued function</p> <p>0 = Not table-valued function</p>

Property name	Object type	Description and values returned
IsTrigger	Any schema-scoped object	Trigger. 1 = True 0 = False
IsUniqueCnst	Any schema-scoped object	UNIQUE constraint. 1 = True 0 = False
IsUserTable	Table	User-defined table. 1 = True 0 = False
IsView	View	View. 1 = True 0 = False
OwnerId	Any schema-scoped object	Owner of the object. Note: The schema owner is not necessarily the object owner. For example, child objects (those where <i>parent_object_id</i> is nonnull) will always return the same owner ID as the parent. Nonnull = The database user ID of the object owner.
SchemaId	Any schema-scoped object	Schema ID of the schema to which the object belongs.

Property name	Object type	Description and values returned
TableDeleteTrigger	Table	<p>Table has a DELETE trigger.</p> <p>>1 = ID of first trigger with the specified type.</p>
TableDeleteTriggerCount	Table	<p>Table has the specified number of DELETE triggers.</p> <p>>0 = The number of DELETE triggers.</p>
TableFullTextMergeStatus	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>Whether a table that has a full-text index that is currently in merging.</p> <p>0 = Table does not have a full-text index, or the full-text index is not in merging.</p> <p>1 = The full-text index is in merging.</p>
TableFullTextBackgroundUpdateIndexOn	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>Table has full-text background update index (autochange tracking) enabled.</p> <p>1 = TRUE</p> <p>0 = FALSE</p>

Property name	Object type	Description and values returned
TableFulltextCatalogId	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>ID of the full-text catalog in which the full-text index data for the table resides.</p> <p>Nonzero = Full-text catalog ID, associated with the unique index that identifies the rows in a full-text indexed table.</p> <p>0 = Table does not have a full-text index.</p>
TableFulltextChangeTrackingOn	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>Table has full-text change-tracking enabled.</p> <p>1 = TRUE</p> <p>0 = FALSE</p>

Property name	Object type	Description and values returned
TableFulltextDocsProcessed	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>Number of rows processed since the start of full-text indexing. In a table that is being indexed for full-text search, all the columns of one row are considered as part of one document to be indexed.</p> <p>0 = No active crawl or full-text indexing is completed.</p> <p>> 0 = One of the following (A or B): A) The number of documents processed by insert or update operations since the start of Full, Incremental, or Manual change tracking population. B) The number of rows processed by insert or update operations since change tracking with background update index population was enabled, the full-text index schema changed, the full-text catalog rebuilt, or the instance of SQL Server restarted, and so on.</p> <p>NULL = Table does not have a full-text index.</p> <p>This property does not monitor or count deleted rows.</p>

Property name	Object type	Description and values returned
TableFulltextFailCount	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>Number of rows Full-Text Search did not index.</p> <p>0 = The population has completed.</p> <p>> 0 = One of the following (A or B): A) The number of documents that were not indexed since the start of Full, Incremental, and Manual Update change tracking population. B) For change tracking with background update index, the number of rows that were not indexed since the start of the population, or the restart of the population. This could be caused by a schema change, rebuild of the catalog, server restart, and so on.</p> <p>NULL = Table does not have a full-text index.</p>
TableFulltextItemCount	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>Number of rows that were successfully full-text indexed.</p>

Property name	Object type	Description and values returned
TableFulltextKeyColumn	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>ID of the column associated with the single-column unique index that is participating in the full-text index definition.</p> <p>0 = Table does not have a full-text index.</p>
TableFulltextPendingChanges	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>Number of pending change tracking entries to process.</p> <p>0 = change tracking is not enabled.</p> <p>NULL = Table does not have a full-text index.</p>
TableFulltextPopulateStatus	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>0 = Idle.</p> <p>1 = Full population is in progress.</p> <p>2 = Incremental population is in progress.</p> <p>3 = Propagation of tracked changes is in progress.</p> <p>4 = Background update index is in progress, such as autochange tracking.</p> <p>5 = Full-text indexing is throttled or paused.</p>

Property name	Object type	Description and values returned
TableHasActiveFulltextIndex	Table	<p>Applies to: SQL Server 2008 and later.</p> <p>Table has an active full-text index.</p> <p>1 = True</p> <p>0 = False</p>
TableHasCheckCnst	Table	<p>Table has a CHECK constraint.</p> <p>1 = True</p> <p>0 = False</p>
TableHasClustIndex	Table	<p>Table has a clustered index.</p> <p>1 = True</p> <p>0 = False</p>
TableHasDefaultCnst	Table	<p>Table has a DEFAULT constraint.</p> <p>1 = True</p> <p>0 = False</p>
TableHasDeleteTrigger	Table	<p>Table has a DELETE trigger.</p> <p>1 = True</p> <p>0 = False</p>
TableHasForeignKey	Table	<p>Table has a FOREIGN KEY constraint.</p> <p>1 = True</p> <p>0 = False</p>

Property name	Object type	Description and values returned
TableHasForeignRef	Table	<p>Table is referenced by a FOREIGN KEY constraint.</p> <p>1 = True</p> <p>0 = False</p>
TableHasIdentity	Table	<p>Table has an identity column.</p> <p>1 = True</p> <p>0 = False</p>
TableHasIndex	Table	<p>Table has an index of any type.</p> <p>1 = True</p> <p>0 = False</p>
TableHasInsertTrigger	Table	<p>Object has an INSERT trigger.</p> <p>1 = True</p> <p>0 = False</p>
TableHasNonclustIndex	Table	<p>Table has a nonclustered index.</p> <p>1 = True</p> <p>0 = False</p>
TableHasPrimaryKey	Table	<p>Table has a primary key.</p> <p>1 = True</p> <p>0 = False</p>

Property name	Object type	Description and values returned
TableHasRowGuidCol	Table	<p>Table has a ROWGUIDCOL for a uniqueidentifier column.</p> <p>1 = True</p> <p>0 = False</p>
TableHasTextImage	Table	<p>Table has a text, ntext, or image column.</p> <p>1 = True</p> <p>0 = False</p>
TableHasTimestamp	Table	<p>Table has a timestamp column.</p> <p>1 = True</p> <p>0 = False</p>
TableHasUniqueCnst	Table	<p>Table has a UNIQUE constraint.</p> <p>1 = True</p> <p>0 = False</p>
TableHasUpdateTrigger	Table	<p>Object has an UPDATE trigger.</p> <p>1 = True</p> <p>0 = False</p>
TableHasVarDecimalStorageFormat	Table	<p>Table is enabled for vardecimal storage format.</p> <p>1 = True</p> <p>0 = False</p>

Property name	Object type	Description and values returned
TableInsertTrigger	Table	<p>Table has an INSERT trigger.</p> <p>>1 = ID of first trigger with the specified type.</p>
TableInsertTriggerCount	Table	<p>Table has the specified number of INSERT triggers.</p> <p>>0 = The number of INSERT triggers.</p>
TableIsFake	Table	<p>Table is not real. It is materialized internally on demand by the SQL Server Database Engine.</p> <p>1 = True</p> <p>0 = False</p>
TableIsLockedOnBulkLoad	Table	<p>Table is locked due to a bcp or BULK INSERT job.</p> <p>1 = True</p> <p>0 = False</p>
TableIsMemoryOptimized	Table	<p>Applies to: SQL Server 2014 (12.x) and later.</p> <p>Table is memory optimized</p> <p>1 = True</p> <p>0 = False</p> <p>Base data type: int</p> <p>For more information, see In-Memory OLTP (In-Memory Optimization).</p>

Property name	Object type	Description and values returned
TableIsPinned	Table	<p>Table is pinned to be held in the data cache.</p> <p>0 = False</p> <p>This feature is not supported in SQL Server 2005 (9.x) and later.</p>
TableTextInRowLimit	Table	<p>Maximum bytes allowed for text in row.</p> <p>0 if text in row option is not set.</p>
TableUpdateTrigger	Table	<p>Table has an UPDATE trigger.</p> <p>> 1 = ID of first trigger with the specified type.</p>
TableUpdateTriggerCount	Table	<p>The table has the specified number of UPDATE triggers.</p> <p>> 0 = The number of UPDATE triggers.</p>
TableHasColumnSet	Table	<p>Table has a column set.</p> <p>0 = False</p> <p>1 = True</p> <p>For more information, see Use Column Sets.</p>

Property name	Object type	Description and values returned
TableTemporalType	Table	<p>Applies to: SQL Server 2016 (13.x) and later.</p> <p>Specifies the type of table.</p> <p>0 = non-temporal table</p> <p>1 = history table for system-versioned table</p> <p>2 = system-versioned temporal table</p>

Table 1