

SQL Server hints

The following table highlights SQL hints based on MS SQL Server hints optimization.

Category	Hint	Available For	Notes
QUERY	IGNORE_NONCLUSTERED_COLUMNSTORE_INDEX	SELECT/INSERT/UPDATE/DELETE/MERGE	This hint lets you disable use of a nonclustered xVelocity memory optimized columnstore index.
JOIN	LOOP	SELECT/UPDATE/DELETE	Not applicable for RIGHT OUTER or FULL joins.
JOIN	HASH	SELECT/UPDATE/DELETE	--
JOIN	MERGE	SELECT/UPDATE/DELETE	--
JOIN	REMOTE	SELECT/UPDATE/DELETE	Only for INNER JOINS. Not applicable with COLLATE.
QUERY	RECOMPILE	SELECT/UPDATE/DELETE	--
QUERY	FORCE ORDER	SELECT/UPDATE/DELETE	--
QUERY	ROBUST PLAN	SELECT/UPDATE/DELETE	--
QUERY	KEEP PLAN	SELECT/UPDATE/DELETE	--
QUERY	KEEPFIXED PLAN	SELECT/UPDATE/DELETE	--
QUERY	EXPAND VIEWS	DML Statements	Only for statement containing views.
QUERY	HASH GROUP	SELECT	Only when GROUP BY, COMPUTE and DISTINCT clauses are used.
QUERY	ORDER GROUP	SELECT/UPGRADE/DELETE	Only when GROUP BY, COMPUTE and DISTINCT clauses are used.
QUERY	MERGE UNION	SELECT	Only for statements chained using UNION.
QUERY	HASH UNION	SELECT	Only for statements chained using UNION.
QUERY	CONCAT UNION	SELECT	Only for statements chained using UNION.
QUERY	LOOP JOIN	SELECT/UPGRADE/DELETE	--
QUERY	MERGE JOIN	SELECT/UPGRADE/DELETE	--
QUERY	HASH JOIN	SELECT/UPGRADE/DELETE	--
Table	FORCESCAN	SELECT/UPGRADE/COMPLETE	Forces the optimizer to use an index scan operation as the access path to the referenced table or view.
Table	FORCESEEK	SELECT/UPDATE/COMPLETE	Forces the optimizer to use an index seek operation as the access path to the referenced table or view.
Table	INDEX()	DML Statements	Only for tables and views with indexes.
Table	KEEPIDENTITY	INSERT	Only for INSERT statements using OPENROWSET clause with BULK option.
Table	KEEPDEFAULTS	INSERT	Only for INSERT statements using OPENROWSET clause with BULK option.
Table	HOLDLOCK	DML Statements	Not applicable for SELECT statements using FOR BROWSE clause.
Table	IGNORE_CONSTRAINTS	INSERT	Only for INSERT statements using OPENROWSET clause with BULK option.
Table	IGNORE_TRIGGERS	INSERT	Only for INSERT statements using OPENROWSET clause with BULK option.
Table	NOLOCK	SELECT/UPDATE/COMPLETE	Not applicable for the target table in UPDATE/DELETE statements.
Table	NOWAIT	DML Statements	--
Table	PAGELOCK	DML Statements	--
Table	READCOMMITTED	DML Statements	--
Table	READCOMMITTEDLOCK	SELECT/UPDATE/COMPLETE	--
Table	READPAST	SELECT/UPDATE/COMPLETE	Not applicable for the target table in UPDATE/DELETE statements.
Table	READUNCOMMITTED	SELECT/UPDATE/COMPLETE	Not applicable for the target table in UPDATE/DELETE statements.
Table	REPEATABLE_READ	DML Statements	--
Table	ROWLOCK	DML Statements	--
Table	SERIALIZABLE	DML Statements	Not applicable for SELECT statements using FOR BROWSE clause.
Table	SPATIAL_WINDOW_MAX_CELLS	DML Statements	Specifies the maximum number (1 - 8192) of cells to use when tessellating a geometry or geography object.
Table	TABLOCK	DML Statements	--
Table	TABLOCKX	DML Statements	--

Table	UPDLOCK	DML Statements	--
Table	XLOCK	DML Statements	--

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