SQL Server 保留关键字

Microsoft® SQL Server™ 2000 使用保留关键字定义、操作和访问数据库。保留关键字是 SQL Server 使用的 Transact-SQL 语言语法的一部分，用于分析和理解 Transact-SQL 语句和批处理。尽管在 Transact-SQL 脚本中，使用 SQL Server 保留关键字作为标识符和对象名在语法上是可行的，但规定只能使用分隔标识符。China It Power . ComArraymeWH

下表列出了 SQL Server 的保留关键字。China It Power . ComArraymeWH

|  |  |  |
| --- | --- | --- |
| ADD | EXCEPT | PERCENT |
| ALL | EXEC | PLAN |
| ALTER | EXECUTE | PRECISION |
| AND | EXISTS | PRIMARY |
| ANY | EXIT | PRINT |
| AS | FETCH | PROC |
| ASC | FILE | PROCEDURE |
| AUTHORIZATION | FILLFACTOR | PUBLIC |
| BACKUP | FOR | RAISERROR |
| BEGIN | FOREIGN | READ |
| BETWEEN | FREETEXT | READTEXT |
| BREAK | FREETEXTTABLE | RECONFIGURE |
| BROWSE | FROM | REFERENCES |
| BULK | FULL | REPLICATION |
| BY | FUNCTION | RESTORE |
| CASCADE | GOTO | RESTRICT |
| CASE | GRANT | RETURN |
| CHECK | GROUP | REVOKE |
| CHECKPOINT | HAVING | RIGHT |
| CLOSE | HOLDLOCK | ROLLBACK |
| CLUSTERED | IDENTITY | ROWCOUNT |
| COALESCE | IDENTITY\_INSERT | ROWGUIDCOL |
| COLLATE | IDENTITYCOL | RULE |
| COLUMN | IF | SAVE |
| COMMIT | IN | SCHEMA |
| COMPUTE | INDEX | SELECT |
| CONSTRAINT | INNER | SESSION\_USER |
| CONTAINS | INSERT | SET |
| CONTAINSTABLE | INTERSECT | SETUSER |
| CONTINUE | INTO | SHUTDOWN |
| CONVERT | IS | SOME |
| CREATE | JOIN | STATISTICS |
| CROSS | KEY | SYSTEM\_USER |
| CURRENT | KILL | TABLE |
| CURRENT\_DATE | LEFT | TEXTSIZE |
| CURRENT\_TIME | LIKE | THEN |
| CURRENT\_TIMESTAMP | LINENO | TO |
| CURRENT\_USER | LOAD | TOP |
| CURSOR | NATIONAL | TRAN |
| DATABASE | NOCHECK | TRANSACTION |
| DBCC | NONCLUSTERED | TRIGGER |
| DEALLOCATE | NOT | TRUNCATE |
| DECLARE | NULL | TSEQUAL |
| DEFAULT | NULLIF | UNION |
| DELETE | OF | UNIQUE |
| DENY | OFF | UPDATE |
| DESC | OFFSETS | UPDATETEXT |
| DISK | ON | USE |
| DISTINCT | OPEN | USER |
| DISTRIBUTED | OPENDATASOURCE | VALUES |
| DOUBLE | OPENQUERY | VARYING |
| DROP | OPENROWSET | VIEW |
| DUMMY | OPENXML | WAITFOR |
| DUMP | OPTION | WHEN |
| ELSE | OR | WHERE |
| END | ORDER | WHILE |
| ERRLVL | OUTER | WITH |
| ESCAPE | OVER | WRITETEXT |

另外，SQL-Array2 标准还定义了保留关键字列表。不要使用 SQL-Array2 保留关键字作为对象名和标识符。ODBC 保留关键字列表（如下所示）与 SQL-Array2 保留关键字列表相同。China It Power . ComArraymeWH

**说明**  SQL-Array2 保留关键字列表有时可能比 SQL Server 限制更多，有时则限制更少。例如，SQL-Array2 保留关键字列表包含 INT，而 SQL Server 不需要将其区分为保留关键字。China It Power . ComArraymeWH

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Transact-SQL 保留关键字可用作数据库或数据库对象（如表、列、视图等）的标识符或名称。使用被引用的标识符或分隔标识符。对将保留关键字用作变量和存储过程参数的名称没有限制。China It Power . ComArraymeWH

**ODBC 保留关键字**

保留了下列关键字用于 ODBC 函数调用。这些关键字根本不约束 SQL 语法；然而，为确保与支持核心 SQL 语法的驱动程序兼容，应用程序应避免使用这些关键字。China It Power . ComArraymeWH

下面是当前的 ODBC 保留关键字列表。有关更多信息，请参见《MicrosoftODBC 3.0 程序员参考》，第 2 卷，附录 C。China It Power . ComArraymeWH

|  |  |  |
| --- | --- | --- |
| ABSOLUTE | EXEC | OVERLAPS |
| ACTION | EXECUTE | PAD |
| ADA | EXISTS | PARTIAL |
| ADD | EXTERNAL | PASCAL |
| ALL | EXTRACT | POSITION |
| ALLOCATE | FALSE | PRECISION |
| ALTER | FETCH | PREPARE |
| AND | FIRST | PRESERVE |
| ANY | FLOAT | PRIMARY |
| ARE | FOR | PRIOR |
| AS | FOREIGN | PRIVILEGES |
| ASC | FORTRAN | PROCEDURE |
| ASSERTION | FOUND | PUBLIC |
| AT | FROM | READ |
| AUTHORIZATION | FULL | REAL |
| AVG | GET | REFERENCES |
| BEGIN | GLOBAL | RELATIVE |
| BETWEEN | GO | RESTRICT |
| BIT | GOTO | REVOKE |
| BIT\_LENGTH | GRANT | RIGHT |
| BOTH | GROUP | ROLLBACK |
| BY | HAVING | ROWS |
| CASCADE | HOUR | SCHEMA |
| CASCADED | IDENTITY | SCROLL |
| CASE | IMMEDIATE | SECOND |
| CAST | IN | SECTION |
| CATALOG | INCLUDE | SELECT |
| CHAR | INDEX | SESSION |
| CHAR\_LENGTH | INDICATOR | SESSION\_USER |
| CHARACTER | INITIALLY | SET |
| CHARACTER\_LENGTH | INNER | SIZE |
| CHECK | INPUT | SMALLINT |
| CLOSE | INSENSITIVE | SOME |
| COALESCE | INSERT | SPACE |
| COLLATE | INT | SQL |
| COLLATION | INTEGER | SQLCA |
| COLUMN | INTERSECT | SQLCODE |
| COMMIT | INTERVAL | SQLERROR |
| CONNECT | INTO | SQLSTATE |
| CONNECTION | IS | SQLWARNING |
| CONSTRAINT | ISOLATION | SUBSTRING |
| CONSTRAINTS | JOIN | SUM |
| CONTINUE | KEY | SYSTEM\_USER |
| CONVERT | LANGUAGE | TABLE |
| CORRESPONDING | LAST | TEMPORARY |
| COUNT | LEADING | THEN |
| CREATE | LEFT | TIME |
| CROSS | LEVEL | TIMESTAMP |
| CURRENT | LIKE | TIMEZONE\_HOUR |
| CURRENT\_DATE | LOCAL | TIMEZONE\_MINUTE |
| CURRENT\_TIME | LOWER | TO |
| CURRENT\_TIMESTAMP | MATCH | TRAILING |
| CURRENT\_USER | MAX | TRANSACTION |
| CURSOR | MIN | TRANSLATE |
| DATE | MINUTE | TRANSLATION |
| DAY | MODULE | TRIM |
| DEALLOCATE | MONTH | TRUE |
| DEC | NAMES | UNION |
| DECIMAL | NATIONAL | UNIQUE |
| DECLARE | NATURAL | UNKNOWN |
| DEFAULT | NCHAR | UPDATE |
| DEFERRABLE | NEXT | UPPER |
| DEFERRED | NO | USAGE |
| DELETE | NONE | USER |
| DESC | NOT | USING |
| DESCRIBE | NULL | VALUE |
| DESCRIPTOR | NULLIF | VALUES |
| DIAGNOSTICS | NUMERIC | VARCHAR |
| DISCONNECT | OCTET\_LENGTH | VARYING |
| DISTINCT | OF | VIEW |
| DOMAIN | ON | WHEN |
| DOUBLE | ONLY | WHENEVER |
| DROP | OPEN | WHERE |
| ELSE | OPTION | WITH |
| END | OR | WORK |
| END-EXEC | ORDER | WRITE |
| ESCAPE | OUTER | YEAR |
| EXCEPT | OUTPUT | ZONE |
| EXCEPTION |  |  |

**将来的关键字**

以下关键字可能会保留在将来的 SQL Server 版本中，作为将来要实现的新特性。注意，不要使用这些关键字作为标识符。

|  |  |  |
| --- | --- | --- |
| ABSOLUTE | HOST | RELATIVE |
| ACTION | HOUR | RELEASE |
| ADMIN | IGNORE | RESULT |
| AFTER | IMMEDIATE | RETURNS |
| AGGREGATE | INDICATOR | ROLE |
| ALIAS | INITIALIZE | ROLLUP |
| ALLOCATE | INITIALLY | ROUTINE |
| ARE | INOUT | ROW |
| ARRAY | INPUT | ROWS |
| ASENSITIVE | INT | SAVEPOINT |
| ASSERTION | 整数 | SCROLL |
| ASYMMETRIC | INTERSECTION | SCOPE |
| 在 | INTERVAL | SEARCH |
| ATOMIC | ISOLATION | SECOND |
| BEFORE | ITERATE | SECTION |
| BINARY | LANGUAGE | SENSITIVE |
| BIT | LARGE | SEQUENCE |
| BLOB | LAST | SESSION |
| BOOLEAN | LATERAL | SETS |
| BOTH | LEADING | SIMILAR |
| BREADTH | LESS | SIZE |
| CALL | LEVEL | smallint |
| CALLED | LIKE\_REGEX | SPACE |
| CARDINALITY | LIMIT | SPECIFIC |
| CASCADED | LN | SPECIFICTYPE |
| CAST | LOCAL | SQL |
| CATALOG | LOCALTIME | SQLEXCEPTION |
| CHAR | LOCALTIMESTAMP | SQLSTATE |
| CHARACTER | LOCATOR | SQLWARNING |
| CLASS | MAP | START |
| CLOB | MATCH | STATE |
| COLLATION | MEMBER | STATEMENT |
| COLLECT | METHOD | STATIC |
| COMPLETION | MINUTE | STDDEV\_POP |
| CONDITION | MOD | STDDEV\_SAMP |
| CONNECT | MODIFIES | STRUCTURE |
| CONNECTION | MODIFY | SUBMULTISET |
| CONSTRAINTS | MODULE | SUBSTRING\_REGEX |
| CONSTRUCTOR | MONTH | SYMMETRIC |
| CORR | MULTISET | SYSTEM |
| CORRESPONDING | NAMES | TEMPORARY |
| COVAR\_POP | NATURAL | TERMINATE |
| COVAR\_SAMP | NCHAR | THAN |
| CUBE | NCLOB | TIME |
| CUME\_DIST | NEW | TIMESTAMP |
| CURRENT\_CATALOG | NEXT | TIMEZONE\_HOUR |
| CURRENT\_DEFAULT\_TRANSFORM\_GROUP | 是 | TIMEZONE\_MINUTE |
| CURRENT\_PATH | NONE | TRAILING |
| CURRENT\_ROLE | NORMALIZE | TRANSLATE\_REGEX |
| CURRENT\_SCHEMA | NUMERIC | TRANSLATION |
| CURRENT\_TRANSFORM\_GROUP\_FOR\_TYPE | OBJECT | TREAT |
| CYCLE | OCCURRENCES\_REGEX | TRUE |
| DATA | OLD | UESCAPE |
| DATE | ONLY | UNDER |
| DAY | OPERATION | UNKNOWN |
| DEC | ORDINALITY | UNNEST |
| DECIMAL | OUT | USAGE |
| DEFERRABLE | OVERLAY | USING |
| DEFERRED | OUTPUT | 值 |
| DEPTH | PAD | VAR\_POP |
| DEREF | 参数 | VAR\_SAMP |
| DESCRIBE | PARAMETERS | VARCHAR |
| DESCRIPTOR | PARTIAL | VARIABLE |
| DESTROY | PARTITION | WHENEVER |
| DESTRUCTOR | PATH | WIDTH\_BUCKET |
| DETERMINISTIC | POSTFIX | WITHOUT |
| DICTIONARY | PREFIX | WINDOW |
| DIAGNOSTICS | PREORDER | WITHIN |
| DISCONNECT | PREPARE | WORK |
| DOMAIN | PERCENT\_RANK | WRITE |
| DYNAMIC | PERCENTILE\_CONT | XMLAGG |
| EACH | PERCENTILE\_DISC | XMLATTRIBUTES |
| ELEMENT | POSITION\_REGEX | XMLBINARY |
| END-EXEC | PRESERVE | XMLCAST |
| EQUALS | PRIOR | XMLCOMMENT |
| EVERY | PRIVILEGES | XMLCONCAT |
| EXCEPTION | RANGE | XMLDOCUMENT |
| FALSE | READS | XMLELEMENT |
| FILTER | real | XMLEXISTS |
| FIRST | RECURSIVE | XMLFOREST |
| FLOAT | REF | XMLITERATE |
| FOUND | REFERENCING | XMLNAMESPACES |
| FREE | REGR\_AVGX | XMLPARSE |
| FULLTEXTTABLE | REGR\_AVGY | XMLPI |
| FUSION | REGR\_COUNT | XMLQUERY |
| GENERAL | REGR\_INTERCEPT | XMLSERIALIZE |
| GET | REGR\_R2 | XMLTABLE |
| GLOBAL | REGR\_SLOPE | XMLTEXT |
| GO | REGR\_SXX | XMLVALIDATE |
| GROUPING | REGR\_SXY | YEAR |
| HOLD | REGR\_SYY | ZONE |