**Metadata Functions (Transact-SQL)**

* Article
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Feedback

**Applies to:**  [SQL Server](https://learn.microsoft.com/en-us/sql/sql-server/sql-docs-navigation-guide?view=sql-server-ver16#applies-to)  [Azure SQL Managed Instance](https://learn.microsoft.com/en-us/sql/sql-server/sql-docs-navigation-guide?view=sql-server-ver16#applies-to)

The following scalar functions return information about the database and database objects:

* [@@PROCID](https://learn.microsoft.com/en-us/sql/t-sql/functions/procid-transact-sql?view=sql-server-ver16)
* [APP\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/app-name-transact-sql?view=sql-server-ver16)
* [APPLOCK\_MODE](https://learn.microsoft.com/en-us/sql/t-sql/functions/applock-mode-transact-sql?view=sql-server-ver16)
* [APPLOCK\_TEST](https://learn.microsoft.com/en-us/sql/t-sql/functions/applock-test-transact-sql?view=sql-server-ver16)
* [ASSEMBLYPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/assemblyproperty-transact-sql?view=sql-server-ver16)
* [COL\_LENGTH](https://learn.microsoft.com/en-us/sql/t-sql/functions/col-length-transact-sql?view=sql-server-ver16)
* [COL\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/col-name-transact-sql?view=sql-server-ver16)
* [COLUMNPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/columnproperty-transact-sql?view=sql-server-ver16)
* [DATABASE\_PRINCIPAL\_ID](https://learn.microsoft.com/en-us/sql/t-sql/functions/database-principal-id-transact-sql?view=sql-server-ver16)
* [DATABASEPROPERTYEX](https://learn.microsoft.com/en-us/sql/t-sql/functions/databasepropertyex-transact-sql?view=sql-server-ver16)
* [DB\_ID](https://learn.microsoft.com/en-us/sql/t-sql/functions/db-id-transact-sql?view=sql-server-ver16)
* [DB\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/db-name-transact-sql?view=sql-server-ver16)
* [FILE\_ID](https://learn.microsoft.com/en-us/sql/t-sql/functions/file-id-transact-sql?view=sql-server-ver16)
* [FILE\_IDEX](https://learn.microsoft.com/en-us/sql/t-sql/functions/file-idex-transact-sql?view=sql-server-ver16)
* [FILE\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/file-name-transact-sql?view=sql-server-ver16)
* [FILEGROUP\_ID](https://learn.microsoft.com/en-us/sql/t-sql/functions/filegroup-id-transact-sql?view=sql-server-ver16)
* [FILEGROUP\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/filegroup-name-transact-sql?view=sql-server-ver16)
* [FILEGROUPPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/filegroupproperty-transact-sql?view=sql-server-ver16)
* [FILEPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/fileproperty-transact-sql?view=sql-server-ver16)
* [FULLTEXTCATALOGPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/fulltextcatalogproperty-transact-sql?view=sql-server-ver16)
* [FULLTEXTSERVICEPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/fulltextserviceproperty-transact-sql?view=sql-server-ver16)
* [INDEX\_COL](https://learn.microsoft.com/en-us/sql/t-sql/functions/index-col-transact-sql?view=sql-server-ver16)
* [INDEXKEY\_PROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/indexkey-property-transact-sql?view=sql-server-ver16)
* [INDEXPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/indexproperty-transact-sql?view=sql-server-ver16)
* [NEXT VALUE FOR](https://learn.microsoft.com/en-us/sql/t-sql/functions/next-value-for-transact-sql?view=sql-server-ver16)
* [OBJECT\_DEFINITION](https://learn.microsoft.com/en-us/sql/t-sql/functions/object-definition-transact-sql?view=sql-server-ver16)
* [OBJECT\_ID](https://learn.microsoft.com/en-us/sql/t-sql/functions/object-id-transact-sql?view=sql-server-ver16)
* [OBJECT\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/object-name-transact-sql?view=sql-server-ver16)
* [OBJECT\_SCHEMA\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/object-schema-name-transact-sql?view=sql-server-ver16)
* [OBJECTPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/objectproperty-transact-sql?view=sql-server-ver16)
* [OBJECTPROPERTYEX](https://learn.microsoft.com/en-us/sql/t-sql/functions/objectpropertyex-transact-sql?view=sql-server-ver16)
* [ORIGINAL\_DB\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/original-db-name-transact-sql?view=sql-server-ver16)
* [PARSENAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/parsename-transact-sql?view=sql-server-ver16)
* [SCHEMA\_ID](https://learn.microsoft.com/en-us/sql/t-sql/functions/schema-id-transact-sql?view=sql-server-ver16)
* [SCHEMA\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/schema-name-transact-sql?view=sql-server-ver16)
* [SCOPE\_IDENTITY](https://learn.microsoft.com/en-us/sql/t-sql/functions/scope-identity-transact-sql?view=sql-server-ver16)
* [SERVERPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/serverproperty-transact-sql?view=sql-server-ver16)
* [STATS\_DATE](https://learn.microsoft.com/en-us/sql/t-sql/functions/stats-date-transact-sql?view=sql-server-ver16)
* [TYPE\_ID](https://learn.microsoft.com/en-us/sql/t-sql/functions/type-id-transact-sql?view=sql-server-ver16)
* [TYPE\_NAME](https://learn.microsoft.com/en-us/sql/t-sql/functions/type-name-transact-sql?view=sql-server-ver16)
* [TYPEPROPERTY](https://learn.microsoft.com/en-us/sql/t-sql/functions/typeproperty-transact-sql?view=sql-server-ver16)
* [VERSION](https://learn.microsoft.com/en-us/sql/t-sql/functions/version-transact-sql-metadata-functions?view=sql-server-ver16)

All metadata functions are nondeterministic. This means these functions do not always return the same results every time they are called, even with the same set of input values.