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sp_procoption (Transact-SQL)

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In this article

Syntax

Arguments

Return code values

Remarks

Show 3 more

Applies to: ✓ SQL Server

Sets or clears a stored procedure for automatic execution. A stored procedure that is set to automatic execution runs every time an instance of SQL Server is started.

📄 Transact-SQL syntax conventions

Syntax

```syntaxsql
sys.sp_procoption
    [ @ProcName = ] N'ProcName'
    , [ @OptionName = ] 'OptionName'
    , [ @OptionValue = ] 'OptionValue'
[ ; ]
```

Arguments

[@ProcName =] N'*ProcName*'

The name of the procedure for which to set an option. @*ProcName* is **nvarchar(776)**, with no default.

[@OptionName =] '*OptionName*'

The name of the option to set. @*OptionName* is **varchar(35)**, and the only value possible is `startup`.

[@OptionValue =] '*OptionValue*'

Whether to set the option on (`true` or `on`) or off (`false` or `off`). @*OptionValue* is **varchar(12)**, with no default.

Return code values

`0` (success) or error number (failure).

Remarks

Startup procedures must be in the `dbo` schema of the `master` database, and can't contain `INPUT` or `OUTPUT` parameters. Execution of the stored procedures starts when all databases are recovered and the "Recovery is completed" message is logged at startup.

Permissions

Requires membership in the **sysadmin** fixed server role.

Examples

The following example sets a procedure for automatic execution.

```SQL
EXEC sp_procoption @ProcName = N'<procedure name>',
    @OptionName = 'startup',
    @OptionValue = 'on';
```

The following example stops a procedure from executing automatically.

```SQL
EXEC sp_procoption @ProcName = N'<procedure name>',
    @OptionName = 'startup',
    @OptionValue = 'off';
```

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