

SQL Prompt 7.0 release notes

August 18th, 2015

Environment support

You can now use SQL Prompt in:

- Management Studio 2016 CTP2
- Visual Studio 2015

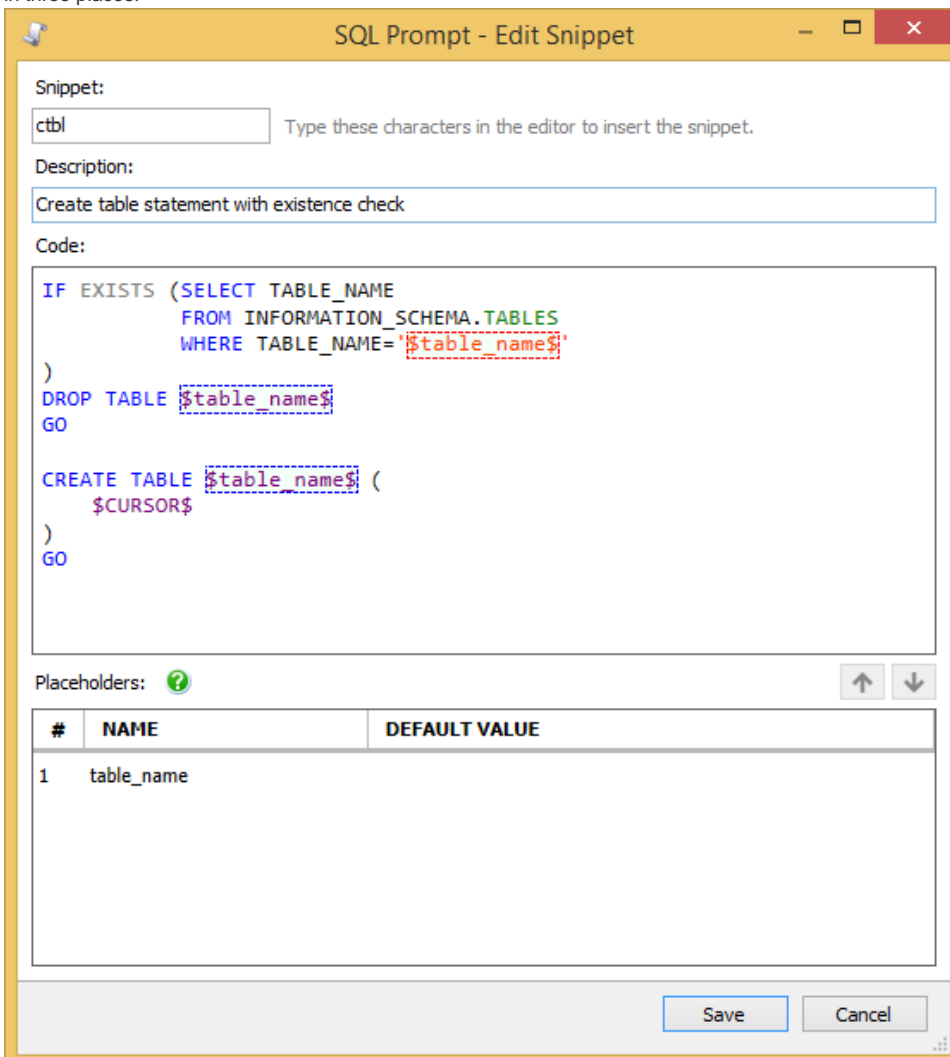
The following features are now available in Visual Studio 2012 or later:

- Find invalid objects
- Script as ALTER
- Execute current statement
- Rename variables/aliases
- Encapsulate as new stored procedure
- Split table

We've removed support for Visual Studio 2005 and 2008.

Snippet manager improvements

- You can now create your own placeholders in snippets. For example, the following snippet uses a **table_name** placeholder to insert a table name in three places:



SQL Prompt - Edit Snippet


Snippet: Type these characters in the editor to insert the snippet.

Description:

Code:

```
IF EXISTS (SELECT TABLE_NAME
           FROM INFORMATION_SCHEMA.TABLES
           WHERE TABLE_NAME = '$table_name$'
        )
DROP TABLE $table_name$
GO

CREATE TABLE $table_name$ (
    $CURSOR$
)
GO
```

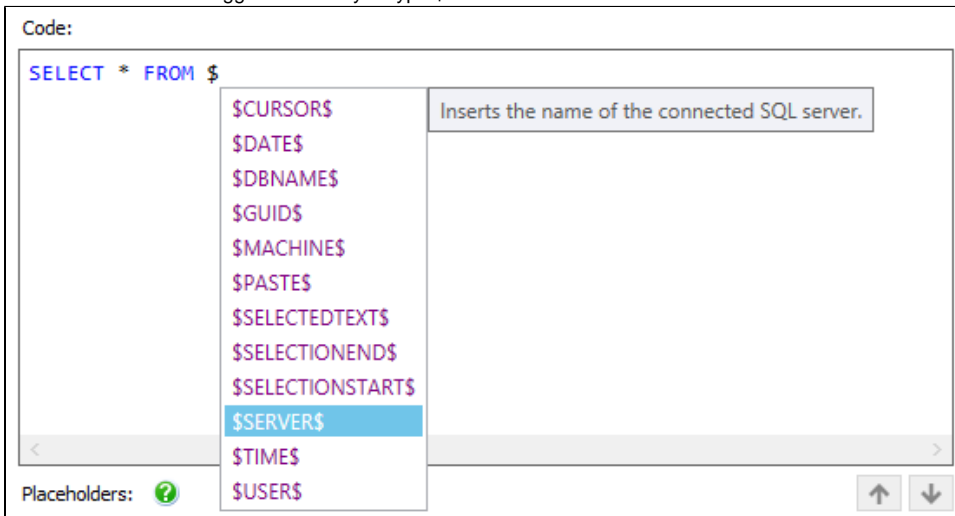
Placeholders: 

#	NAME	DEFAULT VALUE
1	table_name	

Save Cancel

To create a placeholder, in the **Code** box, surround the name of the placeholder with \$, for example **\$myplaceholder\$**.

- Placeholders are now suggested when you type \$:



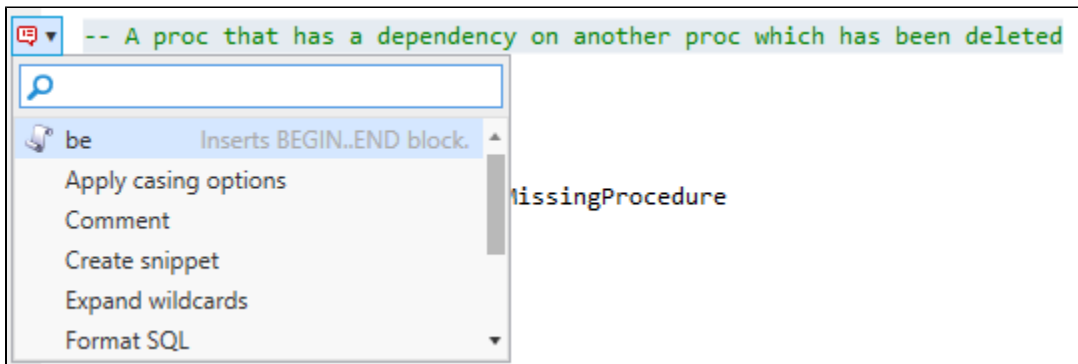
- Added new \$GUID\$ and \$SELECTEDTEXT\$ placeholders

Actions list

When you select some text in a query window, SQL Prompt now shows an actions button in the margin:



Press **Ctrl** or click the button to open the actions list:



The actions list includes the following:

- Add quotes and commas
- Remove comments
- Comment/uncomment
- Unformat
- Snippets containing the new \$SELECTEDTEXT\$ placeholder

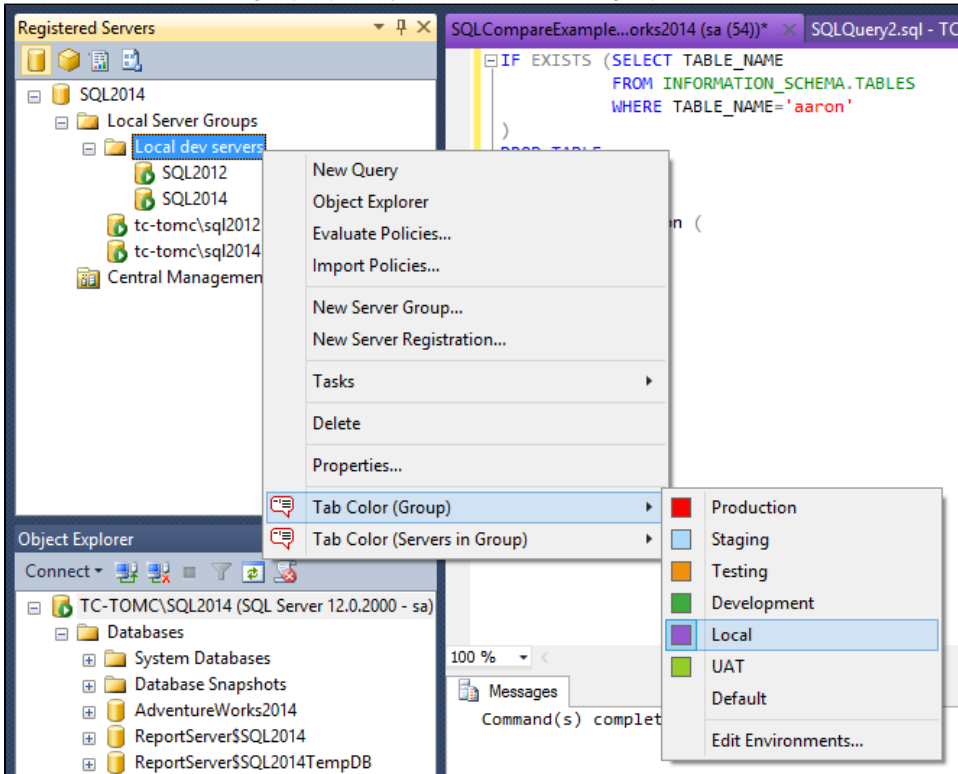
This is useful if you want to enclose your selection in a block. For example, the following snippet code encloses your selection in a BEGIN...END block:

```
BEGIN
$SELECTEDTEXT$
END
```

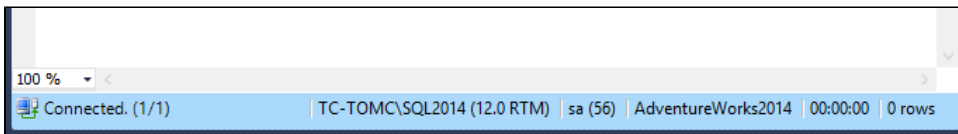
- Other existing text actions (eg Format SQL)

Tab coloring improvements

- You can now color a server group separately from the servers in the group:

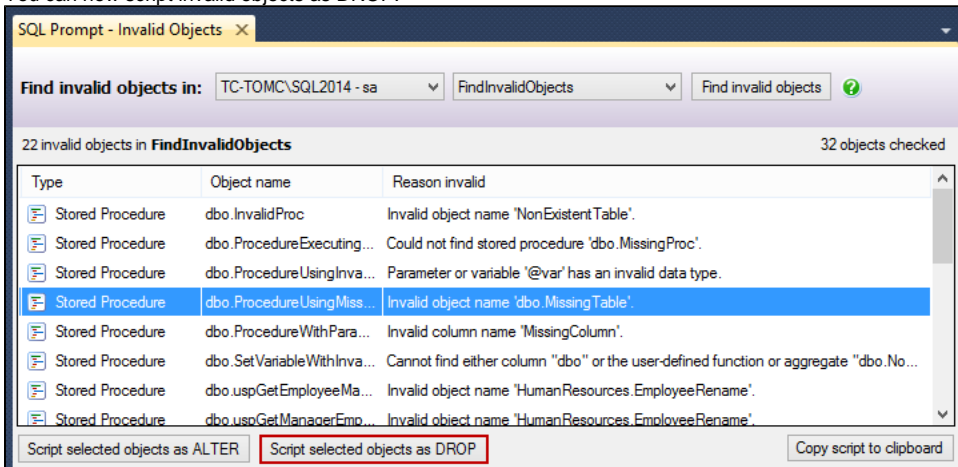


- The lower status bar is now also colored:



Find invalid objects improvements

- You can now script invalid objects as DROP:



- The line containing the error is now highlighted:

```
,a.[AddressLine1]
,a.[AddressLine2]
,a.[City]
,sp.[Name] AS [StateProvinceName]
,a.[PostalCode]
,cr.[Name] AS [CountryRegionName]
,c.[AdditionalContactInfo]
FROM [HumanResources].[EmployeeRename] e
INNER JOIN [Person].[Contact] c
ON c.[ContactID] = e.[ContactID]
INNER JOIN [HumanResources].[EmployeeAddress] ea
ON e.[EmployeeID] = ea.[EmployeeID]
INNER JOIN [Person].[Address] a
ON ea.[AddressID] = a.[AddressID]
INNER JOIN [Person].[StateProvince] sp
```

Suggestions improvements

- Filegroups are now suggested and casing options are applied to them when you format
- Support for new [FOR JSON clause](#)
- Global variables are no longer suggested for assignment
- Indexes are now suggested for table hints
- MERGE statement suggestions improved
- Full suggestions for cross-database queries are disabled if a schema exists with the same name as the database
- Windows users and groups are now suggested for GRANT statements

Other improvements and fixes

- Check for Updates now checks for beta releases after switching back to a stable build
- You can now configure connection and execution time-outs in the options
- When completing a table with dot, SQL Prompt will no longer insert an alias
- New experimental feature added: Change keyboard shortcut behavior for CamelCase words
- New database loading and error popup
- Improved trial expiry popup
- When auto generating an INSERT statement SQL Prompt will now use SYSDATETIME() and SYSDATETIMEOFFSET() for DATETIME2 and DATETIMEOFFSET
- Timestamp columns are no longer included in auto-generated INSERT statements
- MS_Description extended properties are now displayed when connected to Azure v12
- Fix for semicolon being added in the wrong position for DROP EVENT SESSION statement
- Verbose logging option added to menu
- Log files are now stored under %localappdata%\Red Gate\Logs\SQL Prompt 7
- Tab History button is now enabled immediately after a valid serial is entered
- Memory-optimized table creation scripts are now displayed in the object definition box
- Columnstore indexes are now displayed correctly in the object definition box
- Aggregate expressions are no longer included when expanding all non-aggregated columns
- Qualify object names no longer changes invalid UPDATE statements
- Columns inside an OUTPUT INTO clause are no longer qualified
- Support ticket 47174: qualify object names causing UPDATE statement's table to be qualified to table alias
- Support ticket 44169: Database names are now always listed in alphabetical order
- Fix for SP-4240: "Command name 'TabColor_Production' is not a registered command"