

VSCODEPRINT 2017

Revision History

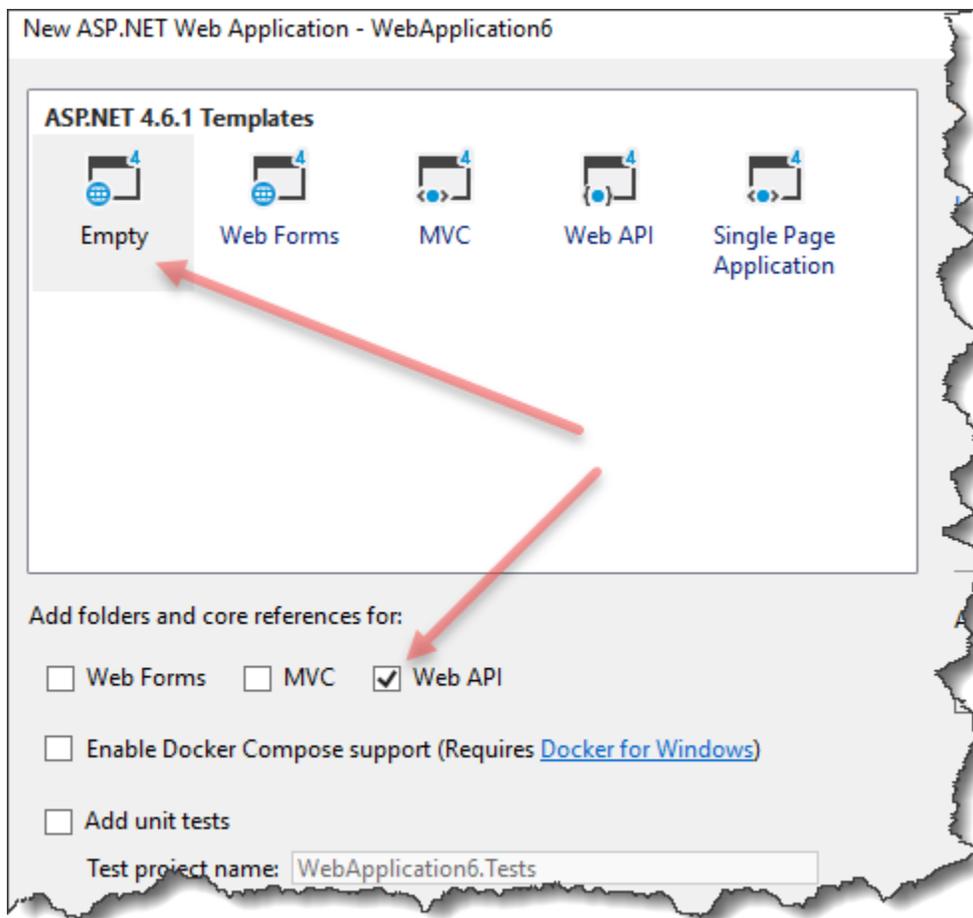
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17.0.30 BUILD 19012

4TH JANUARY 2019

Fixed the following

- 1) An error occurs when trying to create asp.net Web Application project as below:



To recreate the issue:

1. New project
2. ASP.NET Web Application (.NET Framework)
3. Click OK
4. Select **Empty**
5. Check **Web API option**

6. Click **OK**

2) **C++** source code is incorrectly output (headers, source files, etc.), if the source code contains ampersand character as shown below:

```
Method( &pObject, &pBuffer );
```

the ampersand character & is gobbles up the next character, resulting in output as shown below:

```
Method( &Object, &Buffer );
```

- 3) Print/Preview **Current Procedure** does not always work.
- 4) An exception occurs when the Preview window positioned off the physical screen.
- 5) A number of other minor bugs have been fixed.
- 6) C++ source dividers (Line, Page Break etc.) are not processed as expected
- 7) Connecting lines are not drawn correctly as drawn correctly if start and end constructs are on the same line as below:

```
6  /* Local variables *****/
7  REAL Temp;
8  /* *****/
9
10
11 /* Update VOLT_Request *****/
12 VOLT_Request = CS_VOLT_CMD_Nom; // nominal voltage command
13
14 if ( DO_PSM_Sync & (Abs_REAL(Bus_VOLT - CS_VOLT_CMD_Nom) <= (CS_VOLT_Sync_Limit * CS_VOLT_CMD_Nom)) ) {
15     // active sync voltage
16     Temp = CS_VOLT_SP_Range * CS_VOLT_CMD_Nom;
17     VOLT_Request += Med_REAL(-Temp, Bus_VOLT - CS_VOLT_CMD_Nom, Temp);
18     else if ( Generating & DI_52G_aux & (!GRID_MODE_OP) ) {
19         // use customer requested voltage if generating off-grid
20         if ( Check_REAL(VOLTSETT) ) { // ignore VOLTSETT if it is NaN
21             Temp = CS_VOLT_SP_Range * CS_VOLT_CMD_Nom;
22             VOLT_Request += Med_REAL(-Temp, VOLTSETT - CS_VOLT_CMD_Nom, Temp);
23         }
24     }
25     /* *****/
26
27 /* Update VOLT_SP *****/
28 if ( Operating ) {
29     // Drift VOLT_SP towards VOLT_Request while operating
30     Temp = CS_VOLT_DriftRate * SWEEP_RATE;
31     // Keep VOLT_SP between VOLT_Request and Gen_VOLT
32     VOLT_SP = Med_REAL(VOLT_Request, VOLT_SP + Med_REAL(-Temp, VOLT_Request - VOLT_SP, Temp), Gen_VOLT);
33 } else {
34     VOLT_SP = VOLT_Request;
35 }
36 /* *****/
37
38 /* Update KVAR_SP *****/
39 if ( Generating & DI_52G_aux & (!GRID_MODE_OP) & (MU_Follower || (KVARgross > KVAR_Max) || (KVARgross < KVAR_Min)) ) {
40     // Drift KVAR_SP towards MU_KVAR_SP
41     Temp = CS_KVAR_DriftRate * SWEEP_RATE;
42     Temp = Med_REAL(-Temp, MU_KVAR_SP - KVAR_SP, Temp);
43 }
44
```

else for some reason indented instead of being in line with if

missing purple line

8) Connecting line is not numbered as shown below:

```

146 | | | | // lagging power factor values are between 0.0 and 1.0
147 | | | | Temp = -PFSETT;
148 | | | | } else {
149 | | | | // leading power factor values are between 1.0 and 2.0
150 | | | | Temp = 2.0f - PFSETT;

```

r_ctrl.c 4 of 6

```

151 | | | | }
152 | | | | } else {
153 | | | | Temp = CS_PFCMD_Nom;
154 | | | | }
155 | | | | }

```

oject1

9)

10) The vertical outline line is incorrectly drawn if the source code line overflows as below:

```

28 | | | | /* REAL CS_AVR_Range @R.R$ = 0.10; Power factor range (must match sett
29 | | | | ing in AVR) [pf]
30 | | | | /* REAL CS_AVR_Enable_Speed @R.R$ = 600; NGEN at which to enable AVR excitat
31 | | | | ion [rpm]
32 | | | | /* Input variables */
33 | | | | /* REAL Bus_VOLT;
34 | | | | /* REAL CS_NGENSETT;
35 | | | | /* BOOL DI_52G_aux;

```

Outline line should either end here or segment should be lower

11) If a node is checked in the custom solution explorer and that node is the only child node then all the parent nodes are also checked. If the selected node is a child of projectitem then all the source code in the projectitem will be output.

Implemented AsyncPackage to reduce extension initialization time to stop a popup appearing suggesting to disable VSCodePrint2017 to improve Visual Studio load time.

Fixed the following

- 12) It is not always possible to install/update the extension from The Visual Studio Menu using:
Tools > Extensions and Updates
- 13) An Index is not produced when an option is selected to output index at the end of a project item or a solution
- 14) Exception occur when trying to preview Shared Projects or Linked ProjectItems.
- 15) Due to bugs in Microsoft ENVDTE, VScodePrint is not always able to enumerate document's code members for ProjectItems (Documents) that are "linked" to another project in the Solution. This may cause VScodePrint not to handle Table of Contents and Divider s correctly.
- 16) Documents in Shared Projects do not provide a list of code members. This may cause VScodePrint not to handle Table of Contents and Divider s correctly.
- 17) Some large projects may cause exceptions
- 18) Dividers are not rendered correctly or not at all
- 19) Codebehind files are not processed in a Shared Project
- 20) Macros in a Coversheet that contain character \ do not render correctly
- 21) If there are exact number of source code chars that can fit on a line in the generated output then continuation marker is shown, which is incorrect.

17.0.20 BUILD 180156

13TH JULY 2018

Fixed the following

- 1) Exception occur when trying to preview Shared Projects or Linked ProjectItems.
- 2) Due to bugs in Microsoft ENVDTE, VScodePrint is not always able to enumerate document's code members for ProjectItems (Documents) that are "linked" to another project in the Solution.
This may cause VScodePrint not to handle Table of Contents and Divider s correctly.
- 3) Documents in Shared Projects do not provide a list of code members.
This may cause VScodePrint not to handle Table of Contents and Divider s correctly.

- 4) Some large projects may cause exceptions
- 5) Dividers are not rendered correctly or not at all
- 6) Codebehind files are not processed in a Shared Project
- 7) Macros in a Coversheet that contain character \ do not render correctly
- 8) Website files (.aspx etc.) are not always output
- 9) It is not possible to close the preview window if the generated output is empty.

17.0.15 BUILD 18015

12TH FEBRUARY 2018

Fixed the following

- 1) Collapsed regions are not correctly output when Comments regions are collapsed
- 2) Collapsed regions for C++ source code are not handles correctly
- 3) The source code changes in the editor that are not saved to the file are not output for C++ source code
- 4) Occasionally divider lines are drawn at the wrong location
- 5) Incorporate the latest print preview libraries
- 6) Registration key need to be entered every time Visual Studio is launched after an upgrade.
- 7) An exception occurs on startup

17.0.14 BUILD 18015

28TH FEBRUARY 2018

Fixed the following

- 1) The following files types are not output

.master (ASP.NET master pages)

.edmx (XML) combined Entity Framework metadata file, for MSSQL and other well-supported RDMS's has all 3 subsets of the EF context definition (which follow, and are needed separately for other types of databases)

.csdl (XML) EF Client Side Definition Language file for a context

.ssdl (XML) EF Storage Side Definition Language file for a context

17.0.11 BUILD 17121

2ND DECEMBER 2017

Fixed the following

- 1) Sometimes the source code in .aspx (in fact any html based file) files is truncated in the generated output.
- 2) The line numbers in the client-side scripts in .aspx files are not output correctly.
- 3) The help file does not always display correctly. The following files types are not output

17.0.10 BUILD 17111

4TH NOVEMBER 2017

Fixed the following

- 1) The WiX Toolset build tools let developers create installers for Windows. This toolset introduced new set of source code files that are now handled by VSCodePrint 2017. VSCodePrint has been enhanced to let developers output Task List items. See the help file for more details.
- 2) Performance improvements

17.0.06 BUILD 17071

16TH JULY NOVEMBER 2017

Fixed the following

- 1) An exception occurs if TRY END TRY statement is coded to be on the same line.

Enhancements

- 1) A popup is displayed if a newer version of this extension is available for downloads.

ALL PREVIOUS VERSIONS

BEFORE 16TH JULY NOVEMBER 2017

Fixed the following

- 1) An exception occurs if TRY END TRY statement is coded to be on the same line.

- 2) Occasionally an exception occurs when Solutions details are output.
- 3) An exception occurs if user tries to save options to file that does not have access.
- 4) Source code in files with extension .ASMX are not printed .
- 5) An exception occurs if user enter registration code that is not formatted
as XXXX-XXXX-XXXX-XXXX-XXXX
- 6) Upgrade registration code does not work
- 7) Exception occurs when trying to show Extension Help

Enhancements

- 1) A popup is displayed if a newer version of this extension is available for downloads.
- 2) If more than 5 errors occur in any single operation (Print, Preview, export) then the users is informed and the operation terminated to stop repeated error popups
- 3) Page header and footer macro now provide the following macros:

{Page} - Page number of the current page

{Pages} - The total number of pages in the generated output

For example, if you want 'Page 1 sur 15' in the header or footer then you enter {Page} sur {Pages}

- 4) A pop is displayed to inform the user that a newer version of VScodePrint is available for download