

# VSCODEPRINT 2017

Revision History  
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Version	Description	Release Date
<b>17.0.20</b> Rev 18075	<b>Bug Fixes:</b> <ul style="list-style-type: none"><li>• Exception occur when trying to preview Shared Projects or Linked ProjectItems.</li><li>• Due to bugs in Microsoft ENVDT, VCodePrint 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 VCodePrint not to handle Table of Contents and Divider s correctly.</li><li>• Documents in Shared Projects do not provide a list of code members.  This may cause VCodePrint not to handle Table of Contents and Divider s correctly.</li><li>• Some large projects may cause exceptions</li><li>• Dividers are not rendered correctly or not at all</li><li>• Codebehind files are not processed in a Shared Project</li><li>• Macros in a Coversheet that contain character \ do not render correctly</li></ul>	13th July 2018
<b>17.0.20</b> Rev 18031	<b>Bug Fixes:</b> <ul style="list-style-type: none"><li>• Website files (.aspx etc.) are not always output</li><li>• It is not possible to close the preview window if the generated output is empty.</li></ul>	20th February 2018
<b>17.0.15</b> Rev 18026	<b>Bug Fixes:</b> <ul style="list-style-type: none"><li>• Collapsed regions are not correctly output when Comments regions are collapsed</li><li>• Collapsed regions for C++ source code are not handles</li></ul>	12th February 2018

	<p>correctly</p> <ul style="list-style-type: none"> <li>• The source code changes in the editor that are not saved to the file are not output for C++ source code</li> <li>• Occasionally divider lines are drawn at the wrong location</li> <li>• Incorporate the latest print preview libraries</li> <li>• Registration key need to be entered every time Visual Studio is launched after an upgrade.</li> <li>• An exception occurs on startup</li> </ul>	
<p><b>17.0.14</b> Rev 18015</p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>• The following files types are not output <ul style="list-style-type: none"> <li>○ <b>.master</b> (ASP.NET master pages)</li> <li>○ <b>.edmx</b> (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)</li> <li>○ <b>.csdl</b> (XML) EF Client Side Definition Language file for a context</li> <li>○ <b>.ssdl</b> (XML) EF Storage Side Definition Language file for a context</li> <li>○ <b>.msl</b> (XML) EF Client to Storage Mapping file</li> </ul> </li> </ul>	<p>28th January 2018</p>
<p>17.0.11 Rev 17121</p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>• Sometimes the source code in .aspx (in fact any html based file) files is truncated in the generated output.</li> <li>• The line numbers in the client-side scripts in .aspx files are not output correctly.</li> <li>• The help file does not always display correctly.</li> </ul>	<p>2 December 2017</p>

<p>17.0.10 Rev 17111</p>	<p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• VScodePrint has been enhanced to let developers output Task List items. See the help file for more details.</li> <li>• Performance improvements</li> </ul>	<p>4 November 2017</p>
<p>17.0.6 Rev 17071</p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>• An exception occurs if TRY END TRY statement is coded to be on the same line.</li> </ul> <p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>• A popup is displayed if a newer version of this extension is available for downloads.</li> </ul>	<p>16 July 2017</p>
<p>17.0.5 Rev 17071</p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>• Occasionally an exception occurs when Solutions details are output.</li> </ul> <p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>• 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.</li> </ul>	<p>5 July 2017</p>
<p>17.0.3 Rev 17061</p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>• An exception occurs if user tries to save options to file that does not have access.</li> <li>• Source code in files with extension .ASMX are not printed .</li> <li>• An exception occurs if user enter registration code that is not formatted as xxxx-xxxx-xxxx-xxxx-xxxx</li> </ul> <p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>• Page header and footer macro now provide the following macros:  {Page} - Page number of the current page</li> </ul>	<p>26 June 2017</p>

	<p>{Pages} - The total number of pages in the generated output</p> <p>For example if you want 'Page 1 sur 15' in the header or footer then you enter {Page} sur {Pages}"</p> <ul style="list-style-type: none"> <li>A pop is displayed to inform the user that a newer version of VScodPrint is available for download.</li> </ul>	
<p><b>17.0.1</b> Rev 17041</p>	<p><b>Bug Fixes:</b></p> <p>Print &gt; Current Procedure, Class/module always exported the output instead of printing.</p>	<p>2 April 2017</p>
<p><b>17.0.0</b> Build 17039</p>	<p><b>Bug Fixes:</b></p> <ol style="list-style-type: none"> <li>Upgrade registration code does not work</li> <li>Exception occurs when trying to show Extension Help</li> </ol>	<p>29 March 2017</p>
<p><b>17.0.0</b> Build 17035</p>	<p>First Release for Visual Studio 2017</p>	<p>23 March 2017</p>
<p><b>14.0.35</b> Build 17031</p>	<p><b>Bug Fixes:</b></p> <p>VScodPrint does not work if font Tahoma is not installed</p>	<p>1 March 2017</p>
<p><b>14.0.34</b> Build 17021</p>	<p><b>Bug Fixes:</b></p> <p>VScodPrint raises an exception when trying to preview in non-English locale.</p>	<p>3 February 2017</p>
<p><b>14.0.33</b> Build 16121</p>	<p><b>Bug Fixes:</b></p> <p>VScodPrint raises an exception when used in non-English locale.</p>	<p>16<sup>th</sup> December 2016</p>

<p><b>14.0.32</b> <b>Build 16113</b></p>	<p><b>Bug Fixes:</b></p> <p>VSCodePrint raises many exceptions when the extension is used in Turkish Locale. This may also be true for other non-US locales.</p>	<p>17<sup>th</sup> November 2016</p>
<p><b>14.0.31</b> <b>Build 16111</b></p>	<p><b>Enhancements:</b></p> <p>Updated Print/Preview so that the form controls are rendered correctly on High Definition Monitors</p>	<p>1<sup>st</sup> November 2016</p>
<p><b>14.0.30</b> <b>Build 16103</b></p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>An exception occurs when using Print, Preview or Export for the current item under the cursor.</li> </ul> <p><b>Example:</b></p> <p>Preview &gt; Current Procedure or Print &gt; Current Class/Module</p> <ul style="list-style-type: none"> <li>If you have dependent projectitems (codebehind) then the source code in the parent project item is not output.</li> </ul>	<p>12<sup>th</sup> October 2016</p>
<p><b>14.0.28</b> <b>Build 1696</b></p>	<p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>Updated the registration form to clarify which fields should be used to enter the registration codes, and also the field names have been changed to match the names used in the email that is send when a product is purchased</li> </ul>	<p>3<sup>rd</sup> October 2016</p>
<p><b>14.0.28</b> <b>Build 1695</b></p>	<p><b>Bug Fixes</b></p> <ul style="list-style-type: none"> <li>The introduction of Visual Studio 2015 – Update 3 caused a number of exceptions in VSCodePrint</li> <li>Print, Preview and export of XAML file does not output the source code in its codebehind file.</li> </ul>	<p>25<sup>th</sup> September 2016</p>
<p><b>14.0.27</b> <b>Build 16082</b></p>	<p><b>Bug Fixes</b></p> <ul style="list-style-type: none"> <li>The following exception occurs when trying to Print/Preview/Export a Solution:</li> </ul> <p>An Exception occurred in VSCodePrint2015 - Version 14.0.26</p>	<p>5<sup>th</sup> August 2016</p>

	<p>Buildision 16083</p> <p>Message: Unable to cast COM object of type 'System.__ComObject' to class type 'StarPrint.Controls.TreeNode'. Instances of types that represent COM components cannot be cast to types that do not represent COM components; however they can be cast to interfaces as long as the underlying COM component supports QueryInterface calls for the IID of the interface.</p> <p>Stage: Iterate Projects and render them Stack: at VScodePrint2015.clsCodeProcessor.RenderSolution(Solution Solution)</p>	
<p><b>14.0.26</b> <b>Build 17071</b></p>	<p><b>Bug Fixes</b></p> <ul style="list-style-type: none"> <li>Occasionally the following exception occurs when using Custom Selection Window:</li> </ul> <p>An Exception occurred in VScodePrint2015 - Version 14.0.25 Buildision 16055</p> <p>Message: Collection was modified; enumeration operation may not Stack: System.ThrowHelper.ThrowInvalidOperationException(ExceptionResource resource) at System.Collections.Generic.List`1.Enumerator.MoveNextRare() at System.Collections.Generic.List`1.Enumerator.MoveNext() at A..(TreeNode )</p> <ul style="list-style-type: none"> <li></li> </ul>	
<p><b>14.0.25</b> <b>Build 6055</b></p>	<p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>Custom Selection and progress reporting GUI has been redeveloped using Presentation Foundation (or WPF) to ensure that they render correctly on high resolution monitors.</li> <li>Performance improvement while rendering the source code to the output steam.</li> <li>Make sure that popup windows are displayed on the top.</li> </ul> <p><b>Bug Fixes</b></p> <ul style="list-style-type: none"> <li>When Print, Preview or export task is aborted by the user then the generated output is discarded instead of showing the partially generated outout.</li> <li>All VScodePrint windows do not show window title in the taskbar</li> <li>Help does not render correctly on High Definition monitors</li> </ul>	<p>4th May 2016</p>

	<ul style="list-style-type: none"> <li>• Smart Format for Solution and Project does not work</li> </ul>	
<p><b>14.0.22</b> <b>Build 16024</b></p>	<p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>Windows Presentation Foundation</b> (or <b>WPF</b>) graphical subsystem has been used for rendering majority of the user interfaces. This means that content in application windows/forms will be correctly rendered on high resolution monitors.</li> </ul> <p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>• Nodes disappear in the custom selection solution explorer if the nodes expanded and collapsed repeatedly</li> <li>• ProjectItems are output multiple times if Custom Selection browser windows is used for print, Preview and export.</li> <li>• Solution Loader windows does not show the correct version number</li> <li>• Occasionally connecting lines for C# source code are not always correctly drawn if there are collapsed regions after {</li> <li>• Occasionally the following exception occurs if option is selected to produce an Index at the end of a project and the project was empty or no output was generated for the project:  An Exception occurred in VSCodePrint2015 - Version 14.0.10 Build 1510  Message: Object reference not set to an instance of an object. Stage: Stack: at A._.(S1PrintDocument , S1RenderSourceCode _)</li> <li>• The install file (vscodeprint2015.vsix) is not correctly digitally signed</li> <li>• Node selection in the custom selection window is not saved when 'Save' button is clicked.</li> <li>• Bitmaps are always rendered even when the option is not selected in the Options</li> <li>• Lines number options are not always displayed correctly</li> <li>• Header/Footer dropdown contains</li> </ul>	<p>21st February 2016</p>
<p><b>14.0.11</b> <b>Build 1510</b></p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>• Indenting and connecting lines rendering are not correctly</li> </ul>	<p>25<sup>th</sup> October 2015</p>

	<p>handled for the following construct in Visual Basic:</p> <pre>SELECT   CASE   CASE ELSE END SELECT</pre> <ul style="list-style-type: none"> <li>The connecting line is not always rendered correctly at the start of a construct. If a source code line wraps into multiple lines then the connecting line is rendered at the start of last line rather than the first line.</li> </ul>	
<p><b>14.0.10</b> <b>Build 1510</b></p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>Custom selection solution browser does not always show checkboxes to select items</li> </ul> <p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>Graphical interface has been enhanced to make VScodePrint <b>dpi-aware</b> to cope with high-DPI displays.</li> </ul>	<p>17<sup>th</sup> October 2015</p>
<p><b>14.0.9</b> <b>Build 1508</b></p>	<p><b>Bug fixes</b></p> <ul style="list-style-type: none"> <li>&lt;PageBreak&gt; macro in the source code comments does not cause page break.</li> </ul>	<p>8<sup>th</sup> August 2015</p>
<p><b>15.0.8</b> <b>Build 1507</b></p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>When option <b>Text Editor Fonts and Colors</b> or <b>Printer Fonts and Colors</b> is selected for <b>Color Using:</b> for <b>Fonts and Colors</b> then the Font attributes are not saved between Visual Studio reloads.</li> </ul> <p><b>Enhancements:</b></p> <ul style="list-style-type: none"> <li>Table of Contents can be configured to include/exclude Methods and/or Properties</li> <li>Table of Contents can be configured to list Methods and Properties in alphabetic order or the in the order that they are found in the document (projectItem)</li> </ul>	<p>1<sup>st</sup> July 2015</p>
<p><b>14.0.7</b> <b>Build 1506</b></p>	<p><b>Bug Fixes:</b></p> <ul style="list-style-type: none"> <li>Custom Selection sometimes shows “^Dummy” node used for lazy loading</li> <li>Occasionally an exception occurs when Previewing source code</li> <li>Invisible nodes should be excluded from the Custom Selection Solution Explorer</li> </ul>	<p>20<sup>th</sup> June 2015</p>
<p><b>14.0.6</b> <b>Build 1506</b></p>	<ul style="list-style-type: none"> <li><b>Fix Bug:</b> Connecting lines are drawn when a ‘async’ or ‘iterator’ method is declared</li> <li><b>Enhancement:</b> VScodePrint can be configured (General &gt; Dividers) to draw a line, start a new page at the start of a</li> </ul>	<p>18<sup>th</sup> June 2015</p>



	<p>procedure (Methods and Properties). This version allows divider to be configured separately for Methods and Properties. This requirement came from users who prefer not to draw divider lines for properties.</p> <ul style="list-style-type: none"> <li>• VScodePrint &gt; Format has been changed to format .VB and .CS ProjectItems/documents.</li> <li>• Table of Contents has been enhanced to include methods and properties</li> </ul>	
<p><b>14.0.5</b> <b>Build 1506</b></p>	<ul style="list-style-type: none"> <li>• Fix Bug: An exception occurs if Class/Procedure divider is set to 'New Page'</li> </ul>	<p>16th June 2015</p>
<p><b>14.0.4</b> <b>Build 1506</b></p>	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> Release</li> <li>• Supports Visual Studio 2015</li> </ul>	<p>8th June 2015</p>