

# Visual Basic Upgrade Companion Version 9.2 Release Notes

## GUI Improvements

Version 9.2 of the Visual Basic Upgrade Companion includes improvements to the user interface to improve the overall user experience and make the screens more intuitive. Some of the changes are discussed below:

### Upgrade Options section

The confirm options button is now found below the upgrade options grid.

**Upgrade Options**

The following table provides options to customize the generated code.

Show:  All  In use

Ref. Found	Feature Name	Selected Option	Details
<b>DataAccess</b>			
✓	ADODB	To ADO.NET using System.Data.Common and he	<a href="#">More</a>
<b>Grids</b>			
✓	MSDataGridLib	To System.Windows.Forms.DataGridView	<a href="#">More</a>
✓	MSFlexGrid	To DataGridViewFlex helper class	<a href="#">More</a>
<b>Microsoft</b>			
✓	MSComCtl2 (Microsoft Windows Common Controls-2)	To native .NET component (System.Windows.Fc	<a href="#">More</a>
✓	MSComctl1 (Microsoft Windows Common Controls)	To native .NET component (System.Windows.Fc	<a href="#">More</a>
✓	MSComDlg (Microsoft Common Dialog Control)	To native .NET component (System.Windows.Fc	<a href="#">More</a>
✓	MSMask (Microsoft Mask Edit Control)	To System.Windows.Forms.MaskedTextBox	<a href="#">More</a>
<b>CodeConversion</b>			
	Shell32	To System.Diagnostics Methods	<a href="#">More</a>
	GoSub Conversion (C#)	Do not convert GoSub statements	<a href="#">More</a>
	ActiveX	Standard .NET Assemblies	<a href="#">More</a>
	Generate Auto-Implemented Properties (C#)	Off	<a href="#">More</a>
	Comment Out Dead Code	On	<a href="#">More</a>
	Default Property Resolution	Static code analysis and helpers classes	<a href="#">More</a>
	Error Handling	Convert To Try-Catch	<a href="#">More</a>
	Form Load	FormLoad event upgradedd as a method invokec	<a href="#">More</a>
	Free COM Objects	Free COM Objects memory manually	<a href="#">More</a>
	Late Binding Resolution	Static code analysis + helper classes	<a href="#">More</a>
	Line and Shape	Helper class	<a href="#">More</a>
	Mid/Left/Right String Functions	Native .NET System.String class functions	<a href="#">More</a>
	Generate Skeletons	Off	<a href="#">More</a>
	Stubs Generation	Upgrade Stubs generation for non upgraded ele	<a href="#">More</a>

Confirmed Options

## Upgrade section

Previously this section was divided in two: one section for projects and another one for files. Now there is just one section using a tree view to specify which files belong to a project.

## Previous version

Progress by Projects				
Status	Project	Lines	Preprocess	Upgrade
	SKS.vbp	7799	<input type="text" value="47.62%"/>	<input type="text" value="0%"/>

Progress by Files				
Status	File	Lines	Preprocess	Upgrade
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\frmMain.frm	142	<input type="text" value="74.36%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\frmAbout.frm	134	<input type="text" value="74.36%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\frmLogin.frm	98	<input type="text" value="74.36%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\modFunctions.bas	169	<input type="text" value="74.36%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\modConnection.bas	17	<input type="text" value="74.36%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\modMain.bas	51	<input type="text" value="74.36%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\frmSearch.frm	206	<input type="text" value="74.36%"/>	<input type="text" value="0%"/>

## New version

Progress by Projects				
Status	Project	Lines	Preprocess	Upgrade
	SKS.vbp	7799	<input type="text" value="0%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\frmMain.frm	142	<input type="text" value="0%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\frmAbout.frm	134	<input type="text" value="0%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\frmLogin.frm	98	<input type="text" value="0%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\modFunctions.bas	169	<input type="text" value="0%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\modConnection.bas	17	<input type="text" value="0%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\modMain.bas	51	<input type="text" value="0%"/>	<input type="text" value="0%"/>
	S:\WBUC-Repositories\WebMAPDemos\src\WFNet\SKS\SKS_VB6\frmSearch.frm	206	<input type="text" value="0%"/>	<input type="text" value="0%"/>

## Next Steps section

A migration summary was added to the upgrade process: when the migration ends the summary is displayed with some details from the new project. Additionally, it has an option to view the full migration report and another option to inform the user how to migrate to web.

# Migration Summary

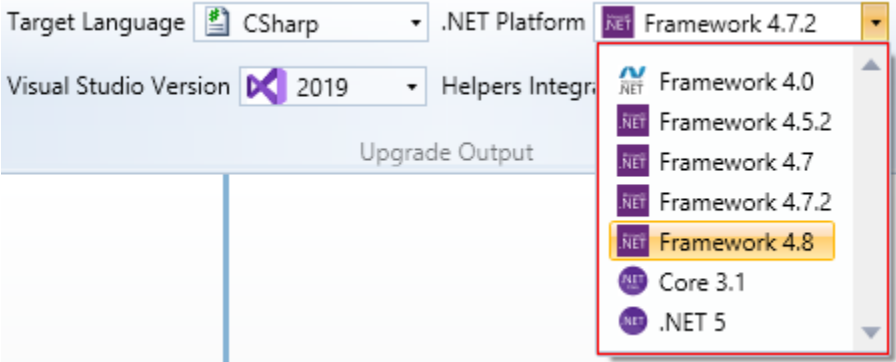
Files	21	Output Name	SKS.csproj
Files Migrated	21	Project Name	SKS
Migration Start Time	5/12/2021 10:54	Log File	SKS.log

[Want to Migrate to Web?](#)
[View Migration Report](#)

[Open Migrated Solution](#)
[Open in File Explorer](#)

.Net Framework 4.8 support

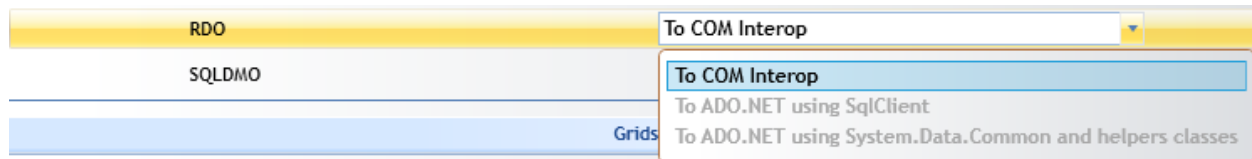
Version 9.2 includes support for .NET Framework 4.8. Users now have the option to upgrade their code to .NET 4.8 targeting either C# or VB.NET. However, C# supports helpers integration using NuGet, source code or binaries while VB.NET only allows for integrating helpers using either binaries (DLLs) or source code that must be compiled. Note that this option is only available for Visual Studio 2019 projects.



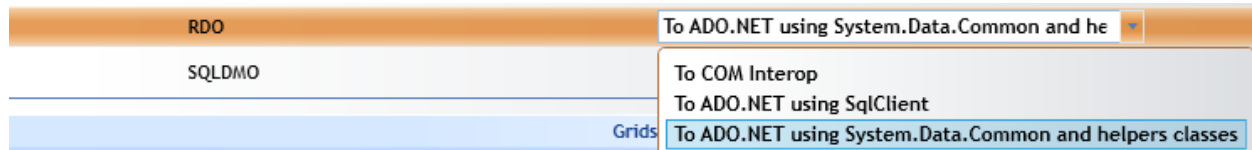
RDO upgrade options support for .NET Core 3.1 / .NET 5

Previously, projects including RDO references could only be upgraded to .NET Core using COM Interop. With Version 9.2, RDO references can now be upgraded to .NET Core 3.1 or .NET 5 projects.

## Previous version



## New version



Other Improvements include:

- MS Common Controls mappings
- Windowless controls mappings
- Grids mappings
- Databases mappings
- .NET 5 cross platform helpers support
- Compile, Debug, Run section was renamed to Next Steps
- Minor changes in buttons and colors