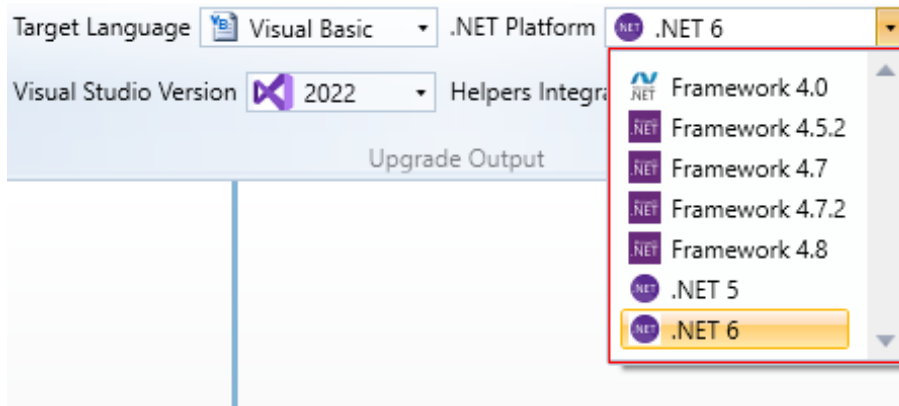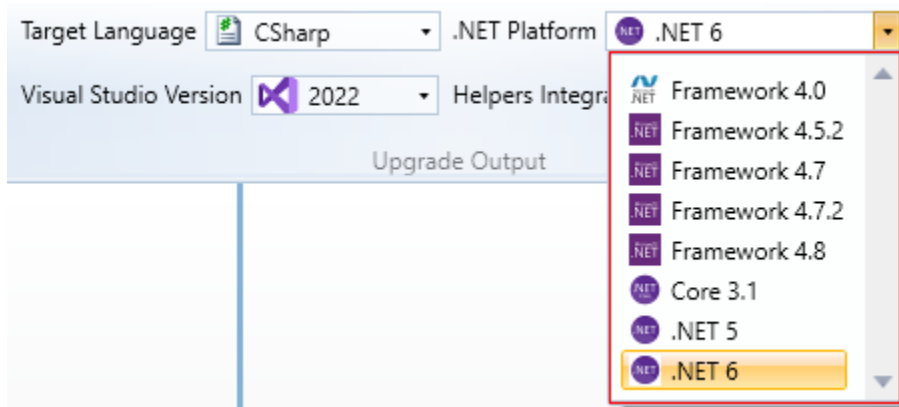# Visual Basic Upgrade Companion Version 9.3 Release Notes

New target options

VBUC now will try to determine which version(s) of Visual Studio are installed and default to the latest version as a target. However, you can change the target version—which really only affects the project—from the dropdown.

.NET 6 (latests version) is now shown as a target framework version, along with .NET 5 (long-term support version) and older versions. Note not all mappings are available for .NET Core versions, as .NET Core does not support all classes from .NET Framework.
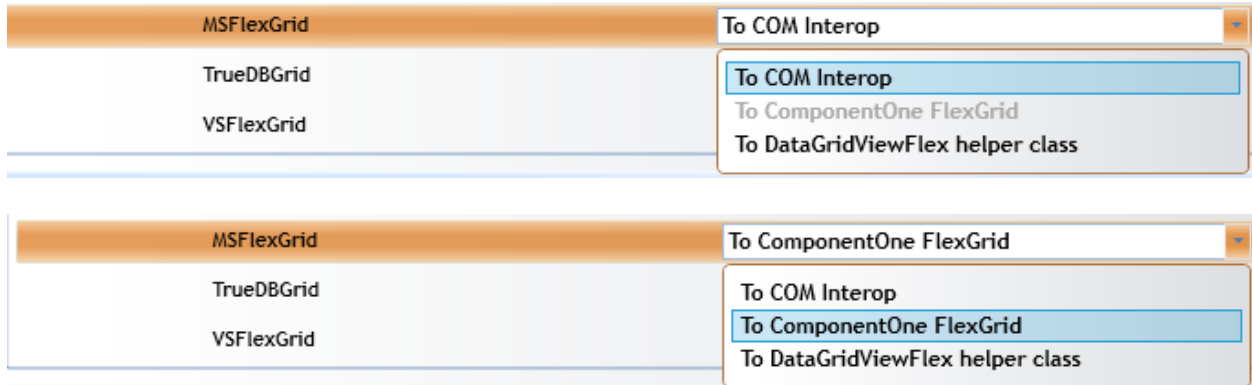

We're also happy to annouce that we have support for both C# and VB.NET when targeting .NET 5 and .NET 6. In the past, only C# was available. We still recommend converting from VB6 to C# for various reasons, especially since Microsoft has said that future developments in .NET may not be supported in VB.NET. See this blog post for more specifics.

Helpers integration for .NET 5 and 6 is only available in source code or with NuGets. No binary helpers are available, so compilation is necessary.

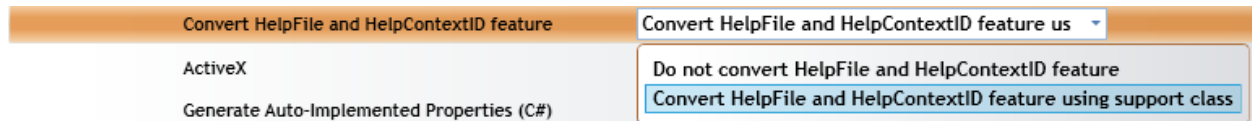**MSFlexGrid to Component One support**

MSFlexGrid components can now be converted to Component One .NET grid controls from the UI when targeting any .NET Core version:

When selecting this option, the VS project file will include the NuGet for the control.

VB6 help files
VB6 projects that use the help file feature will get an option top use it in their .NET project.

OCX property generation
When migrating unknown 3rd party controls, the OCX Generator will attempt to generate as many proprerties for the control as possible. These will be stored as resources in the .resx file which is used with the OcxState property. Some properties may not be generated, but this should help in the migration to reduce manual work.

Other changes

- MS Common Controls mappings
- Most Microsoft.VisualBasic.Compatibility class uses removed
- Grids mappings
- Databases mappings
- Icon and logo were changed
- Images used during installation and in some screens were changed
- Helpers unit tests code coverage increased.

Improved testing and reduced compilation errors
As part of this release, 4.8 million lines of actual VB6 code were re-migrated and compared to migration results from previous versions of VBUC. This represented 22 actual software applications with an average size of over 200KLOC each. Part of that exercise is to track the number of compilation errors reported by Visual Studio following the migration ("green code") and we continue to see an improvement in compile errors per 10KLOC of migrated code with each new release of the tool.

Support

Free support for VBUC trial users is [available on our forum](). Support directly from the product team is part of a purchased license. For information on pricing and migration assistance, please email [sales@mobilize.net]().