



# STINGRAY STUDIO 12.2 RELEASE NOTES

**Stingray® Studio**



# Introduction

## In this Document

These release notes contain a summary of new features and enhancements, late-breaking product issues, migration from earlier releases, and bug fixes.

For change logs or other information on previous releases, please contact Technical Support.

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**NOTE >>** Rogue Wave products may contain undocumented interfaces. These interfaces are not supported for general use and may be changed or removed from release to release.

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**NOTE >>** The version of this document in the product distribution is a snapshot at the time the product distribution was created. Additional information may be added after that time because of issues found during distribution testing or after the product is released. To be sure you have the most up-to-date information, see the version of this document on the Rogue Wave web site:

<https://www.roguewave.com/help-support/documentation/stingray>

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# New Features

## Updated Platform Support

Please see Platforms and System Requirements at <https://www.roguewave.com/help-support/documentation/stingray>.

In this version, support for the latest **Visual Studio 2017** was added as well as for current updates of **Windows 10**, in 32 or 64 bits.

Testing was done on Windows up to version 10 (1607 and 1703), Visual Studio up to version 2017 (15.2) and .NET Framework up to version 4.7.



## Bug Fixes

### Objective Grid

- [SRSTUDIO-3491]: Fixed wrong redrawing of covered cells on resize

### Objective Grid for Microsoft .NET

- [SRSTUDIO-7535]: Fixed construction of GridControl from OGL file
- [SRSTUDIO-7601]: Fixed ability to set borders in Style separately for each side of a cell
- [SRSTUDIO-7607]: Provided ability to set Style.Value = null
- [SRSTUDIO-7613]: Elaborated keyboard navigation between GridControl and other controls on a form
- [SRSTUDIO-7642]: Elaborated focus recovering in GridControl
- [SRSTUDIO-7630]: Fixed editability of an active current cell on a window reactivation
- [SRSTUDIO-7636]: Fixed keeping of the current cell focus on a window reactivation
- [SRSTUDIO-7648]: Fixed memory allocation for Style property in the GetStyleRowColEventArgs constructor
- [SRSTUDIO-7658]: Fixed initialization of a custom control containing "Button" in name
- [SRSTUDIO-7664]: Fixed text drawing in a cell on the left of a cell containing a custom .NET control
- [SRSTUDIO-7674]: Elaborated behavior of embedded .NET controls on Grid activation/deactivation
- [SRSTUDIO-7686]: Fixed processing of Enter and Tab keys in a .NET control embedded into a cell



# Known Issues

## Stingray Assistant

### Not ported to Visual Studio 2017

For this release, Stingray Studio Assistant was not ported to Visual Studio 2017 because known problems in Visual Studio break some functionality in Assistant

<https://developercommunity.visualstudio.com/content/problem/12260/vcprojectconfigurations-property-broken-for-multip.html>

<https://developercommunity.visualstudio.com/content/problem/568/systeminvalidcastexception-unable-to-cast-com-obje.html>

## Solution Files

### Modified to remove bulk build configurations

For this release, Visual Studio solution (.sln) files for building makefile-based projects were modified. Bulk build configurations with names containing "All" (ALL, ALL Unicode, ALL ANSI, etc.) were removed for consistency with other projects (RWUXThemes, etc.) in these solutions, which are not based on makefiles and do not have bulk build configurations. For building multiple build configurations, batch build in Visual Studio should be used.

### Fail to build Stingray projects

When building the Stingray components from a .sln file the first time after Stingray Studio installation, sometimes the build fails with an error similar to the following:

```
----- Build started: Project: RWUXTheme, Configuration: Stingray DLL MFC DLL Debug (asd) x64 -----  
Error: The operation could not be completed. Unspecified error
```

After closing and then reopening the solution, executing a build no longer produces errors.

This problem is caused by a known issue in Visual Studio 2017:

<https://developercommunity.visualstudio.com/content/problem/55031/batch-build-unspecified-error.html>

<https://developercommunity.visualstudio.com/content/problem/44640/vs2017-c-buildclean-fails-unspecified-error.html>

## Project Files

### Targeted to Windows SDK 10.0.15063.0

For .vcxproj files ported to Visual Studio 2017, the following line was added to target specific Windows SDKs:

```
<WindowsTargetPlatformVersion>10.0.15063.0</WindowsTargetPlatformVersion
```

By default, this line sets the target to Windows SDK 10.0.15063.

If you are targeting the Windows 8.1 SDK, this line is not needed and should be removed.

If you are targeting the Windows 10 SDK and need to change the version for this target, you need to do one of the following:

#### **For projects based on makefiles:**

- Manually edit the .vcproj file and change the line to match the Windows 10 SDK version you would like to target.

#### **For all other projects, do one of the following:**

- Re-target the Windows SDK version on the project's property pages (**Configuration Properties | General | Windows SDK Version**)
- Manually edit the .vcproj file and change the line to match the Windows 10 SDK version you would like to target.

## Windows XP Targeting

For Visual Studio 2017, Windows XP targeting is not supported. Recommendations described in Getting Started Guide, Chapter 5, still can be used "as is".

For earlier versions of Visual Studio, there is a known unresolved problem for targeting of FoundationEx: resources conflict causes build errors.



# Limitations

## Installation

### General Installation Issues

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**NOTE >>** Each Stingray Studio release is a replacement for, not an upgrade to, the previous version. Always perform an installation into a new area, and not into the same install directory as a previous version.

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- Documentation location changed  
User Guides are no longer installed into the Docs folder, but instead are provided online. These guides are accessible from the *Documentation* shortcut installed in the Start menu or from the Stingray Assistant tool.



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