

Release Information

Platform	Version	Release Date			
All	R44	April 1, 2022			
Target	New	Added	Fixed	Changed	Removed
Desktop	5	24	37	0	0
Web	4	14	33	3	1

Desktop

Type	Change
NEW	GraffitiPDFDocument
NEW	GraffitiPDFFont
NEW	GraffitiPDFMetadata
NEW	GraffitiPDFTemplate
NEW	GraffitiPDFProtection
ADDED	GraffitiDrillMenuItem has a new BackItemText as String property. When set, this will override the global BackItemText property of the control when this item is currently displayed.
ADDED	GraffitiEditor has a new Ready event that is raised when the component has fully loaded. (16406)
ADDED	GraffitiEditor has a new SpellCheck as Boolean = True property.
ADDED	GraffitiEditor has a new SpellCheckLanguage as String = "en-US" property.
ADDED	GraffitiEditor.InsertLink has a new optional relationship as String = "" parameter. (16569)
ADDED	GraffitiEditorFonts has a new DefaultLineHeight as Double property. (16205)
ADDED	GraffitiEditorFormat has a new LineHeight as Double property. (16205)
ADDED	GraffitiEditorToolBar has a new SectionPadding as Integer = 0 property for adding horizontal space between section boundaries and their contained items. (16405)
ADDED	GraffitiGrid has a new WrapCellText as Boolean = True property to control cell wrapping within the component's display for value of type String. (16661)
ADDED	GraffitiGrid has a new MouseWheel(x as Integer, y as Integer, deltaX as Integer, deltaY as Integer) as Boolean event. Return True to cancel default scroll operations. (16661)
ADDED	GraffitiHTMLtoPDF now exports PDF files with selectable contents.
ADDED	GraffitiListBox has a new CellBorderColor as Color property. (16518)
ADDED	GraffitiListBox now has a HeaderAlignmentAt method pair for setting header alignment independent of column cell alignment.
ADDED	GraffitiPropertyListChild has a new ReadOnly as Boolean = False property. When True, Clicks and DoubleClicks will not trigger the editor for that row.
ADDED	GraffitiRibbon now modifies display of buttons with Active = True in the UI when not used in overflow menus to convey a toggle state. (16477)
ADDED	GraffitiSyntaxEditor has a new AddMode(modeName as String, modeSource as String) method for adding custom highlighting modes to the component. (16596)
ADDED	GraffitiSyntaxEditor.Modes has a new Custom entry. (16596)
ADDED	GraffitiSyntaxEditor has a new ModeName as String property.
ADDED	GraffitiSyntaxEditor has a new AddTheme(themeName as String, themeSource as String) method for adding custom themes to the component. (16605)
ADDED	GraffitiSyntaxEditor.Themes has a new Custom entry. (16605)
ADDED	GraffitiSyntaxEditor has a new ThemeName as String property. (16605)
ADDED	GraffitiTabBarItem has a new TabColorHover property.
ADDED	GraffitiTabBarItem has a new TextColorHover property.

Type	Change
FIXED	GraffitiColors syntax errors on Linux. (16619)
FIXED	GraffitiDateTimePickerPopup errors on Linux related to Desktop API 2.0. (16619)
FIXED	GraffitiEditor no longer exposes the old GotFocus and LostFocus events. Use FocusReceived and FocusLost respectively.
FIXED	GraffitiEditor no longer fires SelectionChanged when receiving focus if the selection is unchanged.
FIXED	GraffitiEditor now properly displays FontAwesome icons in GraffitiEditorToolbarMenus. (16379)
FIXED	GraffitiEditor now properly returns the current view.
FIXED	GraffitiEditor now properly updates the selected text font size to the default when multiple sized paragraphs are selected. (16423)
FIXED	GraffitiEditor will now show active buttons with a lighter background color in Dark Mode.
FIXED	GraffitiEditor now retains padding value upon resize. (16431)
FIXED	GraffitiEditor now retains selection upon resize. (16623)
FIXED	GraffitiEditor now retains scroll position upon resize. (16623)
FIXED	GraffitiEditor should no longer enter an error state when changing some image properties.
FIXED	GraffitiEditor object editing submenus, such as Alignment for images, will now shift in an attempt to remain in the viewport if they are to fall partly outside the viewable area. (16419)
FIXED	GraffitiEditor's code view should once again function properly after resize. (16623)
FIXED	GraffitiGrid once again sets Font properties before calling the DrawCellText event.
FIXED	GraffitiGrid now resizes columns more correctly with the cursor position on scaled displays.
FIXED	GraffitiGrid now raises the DrawCellText event after the default font and color properties have been applied to the Graphics context. (16661)
FIXED	GraffitiListBox errors on Linux related to Desktop API 2.0. (16619)
FIXED	GraffitiImageWell no longer cuts off Caption text by two characters. (16388)
FIXED	GraffitiImageWell updated for HiDPI displays.
FIXED	GraffitiListBox will now explicitly set Tooltip in mouse events to workaround an apparent bug in Tooltip property inheritance on Windows. (16427)
FIXED	GraffitiListBox will now correctly generate header text values that have not been explicitly set.
FIXED	GraffitiListBox will now correctly generate header sort abilities for columns that have not been explicitly set.
FIXED	GraffitiListBox again has CellBorder* method pairs. (16518)
FIXED	GraffitiListBox errors on Linux related to Desktop API 2.0.
FIXED	GraffitiListBox should no longer fire the Change event multiple times when dragging a row.
FIXED	GraffitiPopupMenu errors on Linux related to Desktop API 2.0.
FIXED	GraffitiRibbon once again properly hides and resizes DesktopContainers and DesktopUIControls on Windows when reloading the component's data.
FIXED	GraffitiRibbon once again properly hides and resizes DesktopContainers and DesktopUIControls on Windows when setting the SelectedTab property. (16374)
FIXED	GraffitiSegButton errors on Linux related to Desktop API 2.0. (16619)
FIXED	GraffitiSlideshow now more appropriately animates on HiDPI displays.
FIXED	GraffitiSyntaxEditor should no longer hang on CurrentColumn.Get when mashing keys like a madman. (16596)
FIXED	GraffitiSyntaxEditor should no longer hang on CurrentLine.Get when mashing keys like a madman. (16596)
FIXED	GraffitiTabBar now applies the proper padding to the right side of the close icon when displayed horizontally. (16594)

Type	Change
FIXED	GraffitiTabBar once again applies the HoverTabColor property when CustomColors = True. (16608)
FIXED	GraffitiTabBar once again displays selection when the control is disabled. (16608)
FIXED	GraffitiTagField error on Linux related to Desktop API 2.0. (16619)
NOTE	Cleared out some old Desktop 1.0 code.
NOTE	GraffitiHTMLtoPDF now outputs vector PDFs rather than rasterized pages.

Web

Type	Change
NEW	GraffitiFieldLabel
NEW	GraffitiDateTimePicker
NEW	GraffitiMapView
NEW	GraffitiPagination
ADDED	GraffitiDatePickerRange has a new YearChangeStart(viewDate as Date) property that fires when the user changes the current display year in the picker UI. (16677)
ADDED	GraffitiDatePickerRange has a new YearChangeEnd(viewDate as Date) property that fires when the user changes the current display year in the picker UI. (16677)
ADDED	GraffitiDatePickerRange has a new MonthChangeStart(viewDate as Date) property that fires when the user changes the current display month in the picker UI. (16677)
ADDED	GraffitiDatePickerRange has a new MonthChangeEnd(viewDate as Date) property that fires when the user changes the current display month in the picker UI. (16677)
ADDED	GraffitiGridRow.Clone() as GraffitiGridRow method for cloning rows. (16510)
ADDED	GraffitiGrid.RowsReordered event. (16510)
ADDED	GraffitiPDF has a new UploadPathMakeSafe as Boolean = True property. If you set this to False, generated files will be saved directly in the UploadPath and you may run in to issues in multi-user environments. Sorting these problems out will not be supported as the recommended setting is to leave this property's value as True. (16424)
ADDED	GraffitiPopupMenu has a new AddItemAt(index as Integer, item as GraffitiPopupMenuitem) method for adding items by index.
ADDED	GraffitiTextField has a new EnterKeyHints enumeration.
ADDED	GraffitiTextField has a new EnterKeyHint as EnterKeyHints property.
ADDED	GraffitiTextField has a new Pattern as String property for using the browser's built-in RegEx validation (https://developer.mozilla.org/en-US/docs/Web/HTML/Attributes/pattern).
ADDED	GraffitiTextField has a new PatternInvalidMessage as String property for the browser's built-in RegEx validation (https://developer.mozilla.org/en-US/docs/Web/HTML/Attributes/pattern).
ADDED	GraffitiTextField has a new PatternSetsState as Boolean = True property that will set the validation state of the field based on the value matching the supplied Pattern property RegEx.
ADDED	GraffitiTextField has a new StateChanged event for the browser's built-in RegEx validation (https://developer.mozilla.org/en-US/docs/Web/HTML/Attributes/pattern).
FIXED	CSS errors causing display issues when using Combined Resources.
FIXED	GraffitiButtonSegment once again deselects items on subsequent clicks when Mode = SelectionModes.Multiple.
FIXED	GraffitiDatePickerRange now sends only data that is necessary for operation or implemented events.

Type	Change
FIXED	GraffitiDatePickerRange should no longer fire the Change event twice unnecessarily under certain conditions.
FIXED	GraffitiDatePickerRange will now shift focus to the second field when TAB is pressed in the first field. (16628)
FIXED	GraffitiDatePickerRange will now shift focus to the first field when Shift+Tab is pressed in the second field. (16628)
FIXED	GraffitiEditor now actually raises the Changed event when the content is changed. (16377)
FIXED	GraffitiEditor now properly displays FontAwesome icons in GraffitiEditorToolbarMenus. (16379)
FIXED	GraffitiGrid now more appropriately handles Nil row entries when they are encountered. (16510)
FIXED	GraffitiGrid will now properly reorder rows after a drag operation. (16510)
FIXED	GraffitiGrid.FooterRowVisible can now be set at runtime. (16492)
FIXED	GraffitiGrid.FormatTypes.Percent is now localized. (16492)
FIXED	GraffitiGrid.SelectedRows is now sorted by the index at which the rows appear in the Grid display. (16510)
FIXED	GraffitiGridColumn.NilDateOverride is once again honored for FormatTypes.Date. (16642)
FIXED	GraffitiMenu now only applies default dropdown styles when a Style property value is not defined.
FIXED	GraffitiOrgChart should once again properly center on the specified node when calling the ScrollTo method. (16636)
FIXED	GraffitiPopupMenu.BaseStyle is once again properly applied when set before load.
FIXED	GraffitiPopupMenu.StyleTag is once again properly applied when set before load.
FIXED	GraffitiPopupMenu.State is once again properly applied when set before load.
FIXED	GraffitiPopupMenuItems whose properties are changed programmatically will now update in the client browser.
FIXED	GraffitiPopupMenuItem's Constructor method parameter ItemDisabled as Boolean = False has been changed to ItemEnabled as Boolean = True. (16499)
FIXED	GraffitiResponsive now fires the Resized event. (16529)
FIXED	GraffitiResponsive no longer requires adding Rows before assigning that row's cells in order for cell property changes to be honored at runtime. (16673)
FIXED	GraffitiResponsive will now honor Bottom lock. (16529)
FIXED	GraffitiSignature once again exposes the BGColor property in the inspector.
FIXED	GraffitiSignature once again exposes the PenColor property in the inspector.
FIXED	GraffitiSignature no longer initializes multiple times, causing strange drawing behavior.
FIXED	GraffitiTimePicker now more appropriately handles twelve hour time meridiem.
FIXED	GraffitiToolbar will no longer add unnecessary spacing to buttons that have an icon but no caption.
FIXED	GraffitiUploader now honors the provided Thumbnail size properties when programmatically adding files. (16486)
FIXED	GraffitiUploader will no longer override paths set on GraffitiWebFiles in the FileExclude event, or build the user-specific structure if UploadPath is not Nil.
FIXED	GraffitiWall no longer causes pages to show undesired Containers on subsequent page loads when the GraffitiWallPanel object parent of those Containers has been previously removed. When calling RemovePanel or RemoveAll, child containers are now closed rather than re-embedded on the page and hidden. (16588)

Type	Change
FIXED	GraffitiWebFile.SaveTo now more intelligently handles results, specifically it now functions as expected if the file has already been saved to disk rather than expecting only BASE64 data output.
CHANGED	GraffitiPopupMenuItem.Disabled is now GraffitiPopupMenuItem.Enabled to better match expectations.
CHANGED	GraffitiGridColumn.IntegerValueMax's default value is now -1. Change both IntegerValue properties to apply constraints.
CHANGED	GraffitiGridColumn.IntegerValueMin's default value is now -1. Change both IntegerValue properties to apply constraints.
DEPRECATED	GraffitiTextField.MaskComplete event.
DEPRECATED	GraffitiTextField.Mask property.
DEPRECATED	GraffitiTextField.MaskPlaceholder property.
DEPRECATED	GraffitiTextField.MaskValid property.
REMOVED	GraffitiGrid.RowReordered event (see GraffitiGrid.RowsReordered). (16510)
NOTE	GraffitiGrid loading has been further optimized.

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