

NetAdvantage[®] for Silverlight 12.1 – Service Release Notes - May 2012



Accent your line-of-business RIAs with a great Office 2010 style user experience quickly and easily by using our high-performance Silverlight controls. From blazing fast data grids to a Web-based user interface that rivals the richness previously possible only on the desktop.

Installation

| Downloading | Download NetAdvantage for Silverlight here. | | | | |
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| Installation Prerequisites | <p>Before you install NetAdvantage for Silverlight, make sure you have the following:</p> <table border="1" data-bbox="394 649 1789 857"> <thead> <tr> <th data-bbox="394 649 856 706">Prerequisite</th> <th data-bbox="856 649 1789 706">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="394 706 856 857">Silverlight 5</td> <td data-bbox="856 706 1789 857">Download and Install Silverlight 5 Developer Runtime for Windows from Microsoft© website.</td> </tr> </tbody> </table> | Prerequisite | Description | Silverlight 5 | Download and Install Silverlight 5 Developer Runtime for Windows from Microsoft© website . |
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What's Fixed

| Component | Product Impact | Description |
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| Common | Bug Fix | Missing assembly in WPF and SL installers |
| Control Persistence Framework | Bug Fix | Loading iso file saved with Silverlight4 throws ArgumentNullException in Silverlight5 application. |
| Control Persistence Framework | Bug Fix | GroupColumn disappears after restoring layout |

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| Excel Engine | Bug Fix | Excel formula generates an expression that cannot be evaluated as it comes from an untrusted assembly Notes: Fixed an issue in the Excel library where the INDEX error might return a #VALUE! error if the first parameter is a single cell with a string or boolean value. |
| XamCalculationManager | Bug Fix | ForumulaEditorDialog when embedded as a window control, and not a popup, does not show operands and controls Notes: Fixed an issue where the FormulaEditorDialog would not update when named references and controls were added or removed from the calculation network. |
| XamColorPicker | Bug Fix | AdvancedColorPicker is not shown correctly when SL plug-in size is decreased |
| XamContextMenu | Bug Fix | Contextmenu opens behind window in SL5 |
| XamContextMenu | Bug Fix | NullReferenceException is thrown when an item is clicked and the control is bound to a data source |
| XamContextMenu | Bug Fix | NullReferenceException is thrown when checkable sub XamMenuItem is checked using the Space key and IGTheme is applied. |
| XamContextMenu | Bug Fix | Control is appearing when Visibility property is set to Collapsed enumerable value. |
| XamDataChart | Bug Fix | An exception is thrown when RadiusExtentScale is set to a small value like 0.1 on Radial/Polar Series in XamDataChart Notes: Fixed an issue with axis ranges and the value overlay series. |
| XamDataChart | Bug Fix | Binding StackdColumns series to GroupBy, with a KeyMemberPath containing a '.' symbol, does not draw the series. Notes: Fixed an issue in a scenario that would prevent the GroupBy aggregator from working, to do with the "." character. |

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| XamDataChart | Bug Fix | <p>Contents of XamOverviewPlusDetailPane is empty in XamDataChart control</p> <p>Notes: Please note that the issue is fixed and verified in 2012 Volume 1. The issue still persists in 2011 Volume 2 as XamOverviewPlusDetailPane was a CTP feature in this version.</p> |
| XamDataChart | Improvement | <p>XamOverviewPlusDetailPane control does not show preview for PolarSeries in XamDataChart</p> <p>Notes: Implemented OPD preview rendering for Polar Series. Please note that this fix is only from 2012 Volume 1 Release onwards as OPD feature was a CTP for 2011 Volume 2.</p> |
| XamDataChart | Bug Fix | <p>Animation does not occur when enabling Visibility of XamOverviewPlusDetailPane control.</p> <p>Notes: Fixed issue which disabled animation when OPD was Visible. This fix affects the 12.1 RTM only since DataChart OPD was a CTP feature in 11.2.</p> |
| XamDataChart | Bug Fix | <p>The candlestick chart doesn't automatically resize its width when it is zoomed in and out</p> <p>Notes: Adjusted FinancialPriceSeries so that item widths will be scaled during zooming. Note that the fix is only from 2012 Volume 1 onwards.</p> |
| XamDateTimeInput | Bug Fix | <p>MinInclusive property updates, but the DropDown's Values are not restricted, when bound to another XamDateTimeInput control's Value.</p> <p>Notes: Fixed an issue where dynamically changing MinInclusive/MinExclusive on the value constraint of a XamDateTimeInput did not constraint the input in the drop-down calendar based on the specified min date value.</p> |
| XamDialogWindow | Bug Fix | <p>The StartupPosition="Center" does not work properly when the XamDialogWindow is re-open after its content is changed.</p> <p>Notes:</p> |

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| | | Fixed issue where the XamDialogWindow would not properly center after changing its content while hidden. |
| XamDialogWindow | Bug Fix | Start position of XamDialogWindow is not center aligned |
| XamDialogWindow | Bug Fix | XamDialogWindow location is inconsistent |
| XamDialogWindow | Bug Fix | XamDialogWindow is not positioned at center when the StartupPosition property is set to Center. |
| XamDockManager | Bug Fix | ContextMenu for XamDockManager remains open if unloading DockManager |
| XamDockManager | Bug Fix | Width of ContentPane created on button click is not consistent |
| XamDockManager | Bug Fix | Close button of a ContentPane is disabled after closing and re-opening the pane. |
| XamDockManager | Bug Fix | Unpinned pane displays after new pane is added. |
| XamDockManager | Bug Fix | An exception is thrown after loading persisted layout and closing unpinned panes |
| XamFormulaEditor | Bug Fix | XamFormulaEditor cannot be added from the toolbox in SL Notes: Fixed an issue with the XamFormulaEditor which might cause an exception to occur when adding it to the design surface in a Silverlight application. |
| XamFormulaEditor | Bug Fix | FormulaEditor and FormulaEditorDialog have undo enabled initially in Silverlight |
| XamFormulaEditor | Bug Fix | Incorrect auto-complete item is selected when searching for the first time in SL XamFormulaEditor Notes: Fixed an issue with the XamFormulaEditor in Silverlight where typing the first character may cause the wrong item to get selected in the auto-complete list. |
| XamFormulaEditor | Bug Fix | Auto-complete list help doesn't appear in some cases in XamFormulaEditor Notes: Fixed an issue with the XamFormulaEditor where the auto-complete list may not show up after deleting all text and typing again. |
| XamFormulaEditor | Bug Fix | The buttons in the formula editor dialog are too small on the IG theme |

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| XamGeographicMap | Improvement | <p>In XamGeographicMap control, TriangulationSource (ITF) returns null value even when set to an uri</p> <p>Notes: An ImportCompleted event was added to the ItfConverter to more easily facilitate code behind scenarios.</p> |
| XamGrid | Bug Fix | Implicit DataTemplates are not used when setting Editor and Item template for TemplateColumn in runtime to null |
| XamGrid | Bug Fix | <p>GroupBy feature doesn't work when adding new items to empty XamGrid</p> <p>Notes: Fixed ICollectionView grouping. The issue occurs only when the ItemsSource implements ICollectionView, the collection is initially empty and IsGroupBy is set on a column of the grid.</p> |
| XamGrid | Bug Fix | Scrolling in the XamGrid control does not work correctly. |
| XamGrid | Breaking Change (Other) | <p>When paging is enabled and there are more than 10 pages, navigation does not work correctly</p> <p>Notes: Change in generic, IG, Office2010Blue and Metro themes. The "PagerItems" template part of the PagerControl is changed from ListBox to igPrim:PagerItemsControl (derived from ListBox) in order to fix a platform specific issue.</p> |
| XamGrid | Bug Fix | When using ObservableDictionary as ItemsSource, UI doesn't update correctly, when Remove and Add Item after that |
| XamGrid | Bug Fix | System.ArgumentException is thrown when tab key is being held and Behaviors are being used |
| XamGrid | Bug Fix | ComboBoxColumn width changes when entering edit mode in another row of xamGrid control. |
| XamGrid | Bug Fix | ExcelExport: incorrect behavior when using SummaryRowExporting event arguments to modify summary row appearance and no summary is applied |
| XamGrid | Bug Fix | RaisePropertyChanged event throws null exception when grid expanded |

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| XamGrid | Bug Fix | Horizontal scroll appears when use group columns and some columns with size set to star |
| XamGrid | Bug Fix | Cell gets grey border after CellEnteringEditMode is cancelled |
| XamGrid | Bug Fix | Not all buttons inside Custom Filter Dialog are styled in XamGrid |
| XamGrid | Bug Fix | Cell Text disappears after scroll horizontally. |
| XamGrid | Bug Fix | An unhandled exception occurs when clicking cell when only the child band requires horizontal scrollbar |
| XamGrid | Bug Fix | Conditional format style is disappearing in Group column |
| XamGrid | Bug Fix | FormatString is not applied after grid is scrolled randomly |
| XamGrid | Bug Fix | XamGrid flickers when scrolling horizontally |
| | | Notes: Fixed an issue with scrolling in XamGrid . |
| XamGrid | Bug Fix | Bar size not consistent with min max values in DataBarConditionalFormatRule |
| XamGrid | Bug Fix | OutOfRangeException is thrown when ungrouping by a Column which is in a GroupColumn |
| | | Notes: Fixed an OutOfRangeException that was thrown when ungrouping a Column which is in a GroupColumn. The issue only happens when GroupByOperation=Merging |
| XamGrid | Bug Fix | Add new row cell value is not maintained in exiting edit mode event. |
| | | Notes: Fixed an issue where e.NewValues was not populated correctly for RowExitingEditMode. |
| XamGrid | Bug Fix | Column's width is not able to change by dragging cell border when ScaleTransform is set. |
| XamGrid | Bug Fix | Adding and removing items from sorted XamGrid is very slow |
| XamGrid | Breaking Change (Other) | Cannot add Panel named Panel to style for FilterSelectionControl |
| | | Notes: Removed support for the obsolete "Panel" part in FilterSelectionControl (a.k.a FilterMenu). If the template of the FilterSelectionControl still contains: <ScrollView [..] > <StackPanel x:Name="Panel" [..] /> </ScrollView> In 11.1 it should be replaced with: <ListBox |

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| | | <p>ItemsSource="{Binding RelativeSource={RelativeSource TemplatedParent}, Path=UniqueValues}" ...[other stings are skipped for clarity of the snippet]...> <ListBox.ItemTemplate> <DataTemplate> <CheckBox IsChecked="{Binding IsChecked, Mode=TwoWay}" Content="{Binding ContentString}" IsThreeState="False"/> </DataTemplate> </ListBox.ItemTemplate> </ListBox> In 11.2 and 12.1: <ListBox ItemsSource="{Binding RelativeSource={RelativeSource TemplatedParent}, Path=FilterableUniqueValues}" ...[other stings are skipped for clarity of the snippet]...> <ListBox.ItemTemplate> <DataTemplate> <CheckBox IsChecked="{Binding IsChecked, Mode=TwoWay}" Content="{Binding ContentString}" IsThreeState="False"/> /DataTemplate> </ListBox.ItemTemplate> </ListBox> Please refer to the default styles shipped with the product.</p> |
| XamGrid | Bug Fix | NullReferenceException is thrown when the ItemsSource property is set while row is in edit mode and RowExitingEditMode is canceled. |
| XamGrid | Improvement | <p>There is performance issue with filtering feature of the XamGrid control.</p> <p>Notes: Improved FilterMenu performance.</p> |
| XamGrid | Bug Fix | It is difficult to resize columns of XamGrid in touch environment |
| XamGrid | Bug Fix | Images in the bottom of a ImageColumn are drawn bigger than the ImageWidth and ImageHight properties |
| XamGrid | Bug Fix | XamGrid throws an exception when binding the column widths using custom scenario |
| XamGrid | Bug Fix | Filtering on only empty items does not work when the values in the column contain string.Empty |
| XamInputs | Bug Fix | <p>XamInputs unnecessarily handle KeyDown event when the Escape key is pressed</p> <p>Notes: XamMaskedInput and derived editors will not handle the Escape key any more. Handling the escape key by the masked input created issues when the editor was embedded inside XamGrid or when the containing control or window expected the escape key to be bubbled up. This will result in the change in the behavior where previously escape key caused the editor to revert the value to previous value before the editor was focused. You can revert the</p> |

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| | | value back to original value manually (for example by hooking into KeyDown and handling Escape key to do this) via RevertValueBackToOriginalValue method which is made public as part of the fix. Along with RevertValueBackToOriginalValue, InitializeOriginalValueFromValue is also made public. |
| XamInputs | Bug Fix | Undo operation mapped to Ctrl+Z keyboard combination doesn't work at XamMaskedInput Notes: Resolved an issue where Ctrl+Z did not perform Undo operation in XamMaskedInput and derived controls. |
| XamInputs | Bug Fix | InvalidChar event is not fired in XamInputs Notes: Fixed an issue with Masked input that did not raise InvalidChar event in certain situations when numeric or date mask was used and non-numeric characters were typed. |
| XamMap | Improvement | Exception occurs when XamMap receives an xml error message instead of an image Notes: An event and override has been added such that the user can decide if images returned on a tile source are valid for display or not. This can be done the following two ways. You can do this by using an event on the viewport or by overriding a method in the tile source. Option 1: AddHandler map.Viewport.MapImageStreamValid, AddressOf Validate ... Private Function Validate(sender As Object, args As ImageStreamValidEventArgs) As Boolean Dim reader As New StreamReader(args.Stream) Dim val As String = reader.ReadToEnd() If val.Contains("<?xml version='1.0' encoding='UTF-8'>") Then Console.WriteLine(val) Return False End If Return True End Function Or Option 2: In the tilesource: Protected Overrides Function IsImageStreamValid(stream As System.IO.Stream) As Boolean Dim reader As New StreamReader(stream) Dim val As String = reader.ReadToEnd() If val.Contains("<?xml version='1.0' encoding='UTF-8'>") Then Console.WriteLine(val) Return False End If Return True End Function |
| XamMap | Bug Fix | An Exception is thrown when a custom shape file is used in XamMap |

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| | | Notes: Fixed an issue and implemented PolylineZ reading for Shapefiles |
| XamMap | Bug Fix | XamMap with Imagery tile source goes out of its container's borders |
| | | Notes: Fixed an issue with viewport bounds not being initialized properly for the first render of the XamMap control. |
| XamMap | Improvement | Displaying XamMap captions takes longer than expected to execute |
| | | Notes: There is a new option called CanHaveDuplicateInnerLabels which, when enabled, skips an expensive labeling behavior so can help improve performance for some very complex shapefiles. The change made helps to a degree, but it can still be a bit slow if many labels would be visible. So, in Addition, performance can be improved by removing the layer from the map while setting all the captions, or removing them. //before changing captions MapLayer TheMapLayer = FieldsMap.Layers[0]; FieldsMap.Layers.Remove(TheMapLayer); //change captions //after changing captions FieldsMap.Layers.Insert(0, TheMapLayer); TheMapLayer.RenderWindow(); This prevents the layer from having to respond to every caption change. This is good practice when doing anything that would involve many separate changes to the map elements to prevent the map from responding to each interaction separately. |
| XamMenu | Bug Fix | The checkbox of the XamMenuItem is focusable |
| XamNetworkNode | Bug Fix | A standalone Node is shown, with the same reference to the one that is hidden and then shown using Binding to the NetworkNodeNodeControl's Visibility Property. |
| | | Notes: Fixed an issue where not visible network node controls were recycled. |
| XamNumericInput | Bug Fix | SpinWrap property does not work in XamNumericInput control |

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| | | Notes: Resolved an issue in XamMaskedInput and XamMaskedEditor where in certain situations spin wrapping didn't work. |
| XamOrgChart | Bug Fix | OutOfMemoryException is thrown when changing theme for XamOrgChart in runtime for SL |
| | | Notes: Now the user should be able to switch dynamically between the provided themes, as well as to set dynamically ToolTip styles. |
| XamOrgChart | Bug Fix | StackOverflowException is thrown when resetting ItemsSource in an inactive tab |
| | | Notes: In certain cases changing the ItemsSource caused StackOverflowException. This issue is fixed now. |
| XamOrgChart | New Functionality | Node DragStart doesn't fire if the node collection is modified |
| | | Notes: Added NodeControlDetachedEvent event which is fired every time a node control is detached. |
| XamOutlookBar | Bug Fix | Navigation Pane Popup Width minimal, doesn't expand fully |
| | | Notes: Fixed an issue with the sizing of the popup of the XamOutlookBar when it's initially minimized |
| XamPivotGrid | Bug Fix | PivotGrid: IG theme prevent customizing the styling of disabled components applied on the XamPivotDataSelector |
| XamPivotGrid | Bug Fix | HeaderCell.Children throws an exception from AxisExpansionChanged event |
| XamPivotGrid | Bug Fix | Application freeze when using predefined filters |
| XamPivotGrid | Bug Fix | In XamPivotGrid, selecting last row after hiding totals causes vertical scrollbar to jump to top |
| | | Notes: Fixed bug with hidden rows in XamPivotGrid control. When there were hidden rows the scroll |

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| | | of grid was incorrect. The scroll bar was moved back on top when user clicked on last row. |
| XamPivotGrid | Bug Fix | XamPivotGrid throws an exception on double clicking the expansion indicator in header cell |
| XamPivotGrid | Bug Fix | In PivotGrid, previously expanded hierarchy is collapsed after moved to second position and pressed Cancel button in filter tree |
| XamRibbon | New Functionality | Exception is thrown when clicking the scroll buttons of an in-ribbon gallery in a touch environment |
| XamRibbon | Bug Fix | The first Backstage Tab is not selected when opening the Backstage of XamRibbon |
| XamRibbon | Bug Fix | Segmented MenuTools remain highlighted in the UI after clicking on the dropdown part and dragging the mouse outside the menu tool of XamRibbon |
| XamRibbon | New Functionality | Children are displayed for MenuTools of XamRibbon in ApplicationMenu collection |
| XamRibbon | Bug Fix | Exception is thrown when more than one QatPlaceholderTool with non-existing Id is added to the QAT |
| XamRibbon | Bug Fix | An open Popup containing a Canvas remains after removing a XamRibbon from the VisualTree |
| XamRibbon | Bug Fix | NullReferenceException is thrown when setting RibbonTool's Command property to Null |
| XamSchedule | New Functionality | There are incorrect margins of the appointment presenters for XamDayView and XamOutlookCalendarView Notes: Added a TimeslotGutterAreaWidth property to XamDayView and XamOutlookCalendarView. |
| XamSchedule | Bug Fix | All component-specific properties are displayed under "Other" property group in ExchangeDataConnector |
| XamSchedule | Bug Fix | DataMananger GetActivities method throws NullReferenceException Notes: Fixed a NullReferenceException which occurs in the ExchangeScheduleDataConnector when getting activities with a null ResourceCalendar reference. |
| XamSchedule | Bug Fix | Reminder doesn't appear for occurrence of a recurrent appointment when using ExchangeDataConnector |
| XamSchedule | Bug Fix | StackOverflowException is thrown when trying to connect to exchange without Internet-Connection |

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| | | <p>Notes: Fixed a StackOverflowException which could occur in the ExchangeScheduleDataConnector when a connection cannot be made to the server.</p> |
| XamScheduleView | Bug Fix | <p>Height of CalendarGroup and timeslot areas are not increasing in height when lots of overlapping activities</p> <p>Notes: Adjusted several of the schedule related panels to deal with infinite available size. Extra measure passes may be necessary under such conditions since activity presenters that span the available height of the panel (e.g. a non-overlapping activity in a XamScheduleView) will need the actual height which isn't available until the arrange pass.</p> |
| XamScheduleView | Bug Fix | <p>Show the hour and minute on each timeslot when using small intervals (e.g. 1 and 2 minutes)</p> <p>Notes: When the TimeslotInterval is less than 5 minutes, all the timeslot headers will be considered major and therefore will show the hour and minutes.</p> |
| XamScheduleView | Bug Fix | <p>XamScheduleView Timeslot area does not resize when hosted in an infinite width container and the TimeslotInterval is changed</p> |
| XamSlider | Bug Fix | <p>InteractionMode of thumbs is preventing them to resolve their values appropriately when using slider in a sample with MVVM</p> |
| XamTiledView | Bug Fix | <p>Binding TilePane's Visibility Property to the view model throws TargetInvocationException</p> |
| XamTimeline | Bug Fix | <p>NullReferenceException is thrown when Entities property of DateTimeSeries is bound</p> |
| XamTreeMap | Bug Fix | <p>Using an abstract class for a node binder, to display the data in XamTreeMap causes an error</p> <p>Notes: Fixed bug in the NodeBinders. Now their TargetTypeName could be an abstract or base class.</p> |