

NetAdvantage[®] for Silverlight Data Visualization 11.2 – Service Release Notes - May 2012



Accent your applications using our high-performance Silverlight controls. From blazing fast data charts to a Web-based user interface that rivals the richness previously possible only on the desktop.

Installation

Downloading	Download NetAdvantage for Silverlight Data Visualization here.				
Installation Prerequisites	<p>Before you install NetAdvantage for Silverlight Data Visualization, 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
Common	Bug Fix	Missing Control Parts in Blend 4 upon NA for SL DV 2011.2 Patch installation
Excel Engine	Bug Fix	Settings of Shapes on xlsx file are vanished after saving by using Excel Engine assemblies for Silverlight5. Notes: Fixed an issue where loading an Excel file with shapes may cause the solid outline or fill

		colors to be lost. Also, added support to round-trip the shape outline width when a file is loaded and saved out again.
XamDataChart	Bug Fix	An exception occurs 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: A scenario that would prevent the GroupBy aggregator from working, to do with the "." character, was resolved.
XamLinearGauge	Bug Fix	An exception is thrown on trying to change the value of a XamLinearGauge control's BarMarker property by tapping on its Scale
XamBulletGraph	Bug Fix	An exception is thrown on trying to drag the ComparativeMeasures of XamBulletGraph
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.
XamOrgChart	New Functionality	Node DragStart doesn't fire if the node collection is modified in XamOrgChart Notes: Added NodeControlDetachedEvent event which is fired every time a node control is detached.
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	XamOrgChart throws StackOverFlowException when resetting ItemsSource in an inactive tab Notes: In certain cases changing the ItemsSource caused StackOverflowException. This issue is fixed now.
XamTimeline	Bug Fix	XamTimeline throws NullReferenceException when Entities property of DateTimeSeries is bound
XamTimeline	Bug Fix	DetailsPane appears at the tops of the XamTimeline when a theme's been applied at runtime Notes: Fixed an issue with applying theme at runtime caused details pane in timeline to be arrange in top of control
XamTimeline	Bug Fix	Cannot apply themes at runtime for XamTimeline control Notes: Fixed exception when run time theme was applied to the XamTimeline control
XamTreeMap	Bug Fix	Using an abstract class for a node binder, to display the data in XamTreeMap causes an error Notes: Fixed bug in the NodeBinders. Now their TargetTypeName could be an abstract or base class.
XamPivotGrid	Bug Fix	In XamPivotGrid, previously expanded hierarchy is collapsed after moved to second position and pressed Cancel button in filter tree
XamPivotGrid	Bug Fix	XamPivotGrid throws exception on double clicking the expansion indicator in header cell
XamPivotGrid	Bug Fix	Part of XamPivotGrid cells disappear after resizing
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 of grid was incorrect. The scroll bar was moved back on top when user clicked on last row.
XamPivotGrid	Bug Fix	Application freeze when using predefined filters in XamPivotGrid

XamPivotGrid	Bug Fix	HeaderCell.Children throws an exception from AxisExpansionChanged Event
XamMap	Bug Fix	An exception occurs upon trying to load a XamMap with a XamTimeline in each MapElement
XamMap	Improvement	<p>Displaying XamMap captions takes longer than expected to execute</p> <p>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.</p> <pre>//before changing captions MapLayer TheMapLayer = FieldsMap.Layers[0]; FieldsMap.Layers.Remove(TheMapLayer); //change captions //after changing captions FieldsMap.Layers.Insert(0, TheMapLayer); TheMapLayer.RenderWindow();</pre> <p>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.</p>
XamMap	Improvement	<p>Exception occurs when XamMap receives an xml error message instead of an image</p> <p>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</p>

		<pre>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</pre>
XamMap	Bug Fix	<p>An Exception is thrown when a custom shape file is used in XamMap</p> <p>Notes: Fixed an issue and implemented PolylineZ reading for Shapefiles</p>
XamMap	Bug Fix	<p>XamMap with Imagery tile source goes out of its container's borders</p> <p>Notes: Fixed an issue with viewport bounds not being initialized properly for the first render of the XamMap control.</p>