NetAdvantage® for Windows® Phone Release Notes – 12.2 Volume Release - October 2012

Go Mobile with NetAdvantage for Windows Phone to create rich, innovative mobile experiences full of eye-catching data visualizations for Microsoft Windows Phone

Installation

Downloading	[Download NetAdvantage for Windows Phone here.](#)
Installation Prerequisites	Before you install NetAdvantage for Windows Phone, make sure you have the following: | Prerequisite	Description
Windows Phone 7.1 SDK	Download and Install Windows Phone 7.1 SDK for Windows from Microsoft© [website](#).	

What's New

The [NetAdvantage for Windows Phone 2012.2](#) release includes the following new features:

- Auto-Complete Box – new control
- Context Menu– new control
- Date Picker – new control
- Time Picker – new control
- List Picker – new control
- Toggle Switch – new control

- Calendar – CTP feature
- Tile Manager – CTP feature

Auto-Complete Box – new control

The Auto Complete Box is a control that combines a text box and a drop list, providing item suggestions to the user as they type text in the control. It allows developers to benefit from a powerful UI optimization technique to limit the amount of free text entry by the user. Developers can customize the display of items in the list, use data binding to populate the list, and control how the list items are filtered.

- Custom Layout – Specify your own data objects layout in the drop list.
- Data Binding – Bind the drop list to any collection of objects.
- Filtering – Control how the drop list is filtered based on the input text using the FilterMode property, providing options for case sensitivity and which part of the data items are filtered against (beginning, or any part of the text).
- Custom filters – There are two approaches to custom filters:
  - Filter based on the string representation of the data objects (by setting the TextFilter property).
  - Filter based on the whole data item (or any of its properties)
- Drop list display control. Control the amount of time in milliseconds or the minimum number of characters that should be entered before the filtered list is populated and displayed to the user.

Context Menu – new control

Use the Context Menu to display on demand based on the user interaction. Common scenarios for the context menu typically involve a Tap & Hold gesture by the user on any given screen element to pop the menu open, although it can be associated to other common events as well, such as a button click,. The Context Menu is a very useful tool to recreate a first-party Windows Phone

experience where advanced options need to be presented to the user without cluttering the screen with additional application bar buttons, menu items, or controls.

- State & Behavior – Controls and test the visible state of the pop-up context menu in code, and affect the zoom and fade behavior of the background when the context menu is visible.
- Data Binding – Populate the context menu with data from any collection using data binding.
- Scroll Menu Items – Scroll menu items within the context menu pop-up window when there are too many items to display at once.
- Styling –Style the context menu and items according to the look & feel of your application.

Date Picker – new control

The Date Picker control is one of three selector controls that allow developers to recreate a popular first-party Windows Phone data input experience. Date Picker is a text box input control that can be tapped by the user to display a separate window used for date selection. The selection window contains three infinite scrolling lists, letting the user easily select a day, month, and year without any typing required.

- Culture Format - Easily provide date selection to your users in your apps without requiring any typing, and do so in any calendar culture supported by Windows Phone.
- Customization - Customize the full-screen date picker page by building your own.

Time Picker – new control

The Time Picker control is one of three selector controls that allow developers to recreate a popular first-party Windows Phone data input experience. Time Picker is a text box input that can be tapped by the user to display a separate window used for time selection.

The selection window contains three infinite scrolling lists, letting the user easily select the hour and minutes without any typing required. You can also use the 24 hour time format; otherwise an extra selection is made available for AM/PM.

- Culture Format - Easily provide time selections to your users in your apps without requiring any typing, and do so in any date/time culture supported by Windows Phone.
- Customization – Customize the full-screen time picker page by building your own.

List Picker – new control

The List Picker control is one of three selector controls that allow developers to recreate a popular first-party Windows Phone data input experience. List Picker is a text box input control that can be tapped by the user to display a separate window used for the selection of an item in a custom collection. List Picker is basically the Windows phone equivalent of the Combo Box control.

- List Selection Mode - Use in-place list selection or a full screen selection page in your apps.
- Multiple Selections - Choose between single or multiple item selection.
- Data Binding - Populate the list picker's selection of items from any collection of objects.
- Data Templates - Customize the XAML template to be used for the items in the selection list.

Toggle Switch – new control

The Toggle Switch is a simple control that enables users to turn an application option on or off. It is the Windows Phone equivalent of the check box and has two check states: On and Off.

- Date Templates - Customize the XAML template to be used for the content and the header of the Toggle Switch in each state.
- Customization - Select the foreground color of your choice for the "On" state, or use the default accent color from the user's chosen theme.
- Dynamic State - Dynamically change the content of the Toggle Switch depending on the current state.

Calendar – CTP feature

The Calendar control for Windows Phone provides enhanced functionality to that of the month view in the built-in Windows Phone Calendar application. It is designed to display Days, Months, and Years.

- Navigation - Navigate by tapping the arrows in the header area or using drag gestures to move to the next/previous month; or by tapping over the header title which displays month/year looping selectors that allow the user to choose a different month and/or year.
- Selection - Select by tapping over a day cell. This functionality is available when the SelectionMode="SingleDate" is set (by default). You can disallow selection of cells by setting to SelectionMode="None".
- Customization - Customize specific date cells, such as adding weather icons, moon phase images, even types, and more, with the CalendarDayButtonTemplateSelector.
- Display Agenda Content - Use the AgendaSource property of the control, which accepts IAgenda data with StartDate, EndDate, and Content of the agenda.
- Restrict the Display Date - Use the DisplayDateStart and DisplayDateEnd properties to restrict the display.
- Deny Selection of Specific Dates - Add dates to the BlackoutDates collection of the calendar.

Tile Manager – CTP feature

The Tile Manager displays content on the phone display using rectangular tiles, which are arranged sequentially creating multiple rows of tiles. The mobile user can maximize a tile, which automatically minimized the remaining tiles. However, the minimized tiles will remain in view along an edge of the control, so your end users can quickly maximize and shift their attention to new content.

- Animations - The Tile Manager has built-in animations that play during state transition. You can supply your own animations to customize this experience.
- Data Binding - You can set the Tile Manager's ItemsSource property to automatically create Tile objects based on your data model.
- Drag-and-Drop - Your end users can drag tiles and rearrange them at run time using touch gestures.
- Explicit Tile Layout - You can arrange tiles into explicit columns and rows using concepts already found in the Grid panel (Column, Row, ColumnSpan, and RowSpan).
- Saving and Loading Layouts - After your end users modify the layout at run time, you can save the changes and restore them between application sessions.
- State-Based Item Templates - You can define item templates based on the state of the tiles. The Tile Manager will automatically apply the proper item template as your end users change the state of a tile.
- State-Based Constraints - You can restrict the size of tiles based on their state.
- Tile Resizing - Your end users can resize tiles using resizing indicators.

What's Changed

Component	Product Impact	Description
XamList	Bug Fix	Invalid data context returned after scrolling the XamList
XamList	Bug Fix	Changing grouping via code-behind has no effect on the XamList Notes: Fixed an issue with updating the XamList.Groupping and now the whole visualization of the items is updated correctly.

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