Road Map for Essential Studio 2012 Volume 1

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Essential Studio User Interface Edition

Essential Studio User Interface Edition contains the most complete set of user-interface components on the market—including the best performing grid control in the industry, docking and menu frameworks, data-binding controls, and schedulers. With the visualizations found in Essential Chart, Gauge, and Diagram, data can be presented in more engaging, meaningful ways.

ASP.NET

Essential Grid for ASP.NET	
JSON support for GridGrouping control	Ability to load the GridGroupingControl with JSON data on the client side.

Essential Tools for ASP.NET	
Rotator improvements	Includes several new features for the Rotator control, including new scrolling and selection modes.

Essential Chart for ASP.NET	
HTML 5 chart	New HTML 5-enhanced chart control that enables charts to be exported as vector images.

Essential Diagram for ASP.NET	
Interactive ToolTips	Enables the addition of interactive ToolTips in a diagram to provide end users with helpful information.
Grid and snap to grid	Provides a grid on the diagram page and enables diagram elements to be aligned with gridlines.

Essential Gauge for ASP.NET	
HTML 5 Gauge improvements	Implements rolling and digital gauges with HTML 5 enhancements.

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ASP.NET MVC

Essential Grid for ASP.NET MVC

Group summary	Supports summaries in group captions.
Editing via unbound columns	Allows users to edit or delete entries in a grid via unbound columns.

Essential Tools for ASP.NET MVC

Improved AutoComplete	Adds several new functionalities to the AutoCompleteTextBox control such as auto-fill, AJAX event handling, and client-side templates.
Splitter control	Enables you to divide a page into distinct areas with splitters that can be dragged to resize the areas.
Drag and drop support for TreeView control	Drag and drop nodes within a tree view, or drag nodes from one tree view to another.
Captcha refresh	Enables Captcha controls to refresh the displayed image.
TimePicker control	Integrate time selection options into your applications with up to four primary fields: hours, minutes, seconds, and a.m./p.m.
ListBox control	Implements a dynamic, interactive list view interface.

Essential Chart for ASP.NET MVC

HTML 5 chart improvements	New user interactivity and advanced features.

Essential Gauge for ASP.NET MVC

HTML 5 gauge	HTML 5-enhanced rolling, digital, linear, and circular gauges.

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Mobile MVC

Essential Grid for Mobile MVC	
Grid control	A grid with highly customizable look and feel. Provides extensive appearance customization options with support for grouped records. This grid is very useful for generating complex grid-based reports with rich formatting. It supports paging, sorting, grouping, filtering, and editing features.

Essential Tools for Mobile MVC	
DatePicker control	Displays a calendar within your mobile Web page that shows the dates of the current month with the current date highlighted.
TimePicker control	Provides a widget for picking a time in your mobile Web page.
Editors package	Comprehensive collection of controls most commonly used in creating data entry forms. Provides simple, powerful means for capturing data input, validating the data, and displaying the data with the appropriate formatting.
WaitingPopUp control	Provides an easy way to display a modal waiting dialog when an application is busy in the background and the UI should not be accessible.
Button control	Provides a button that can be clicked to perform an action. Displays both text and images. When clicked, it looks as if it is being pushed in and released.
ToggleButton control	Provides a button that represents a setting with two states, namely ON and OFF.
FileUpload control	Allows files to be uploaded to your server, no matter what format they are in. Provides automatic and manual file upload options, multiple upload support, and synchronous and asynchronous file uploading.
Accordion control	Builds a dynamic, interactive menu-driven interface for your content which can consist of text, graphics, or HTML.

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Essential Chart for Mobile MVC

HTML 5 chart improvements	New user interactivity and advanced features such as stacked column chart types, client-side events for chart axes, areas, and series, and a timeline mode for viewing data.

Essential Gauge for Mobile MVC

HTML 5 gauge	HTML 5-enhanced rolling, digital, linear, and circular gauges.

WinRT

Essential Tools for WinRT

Tab control	Provides an interactive tabbed interface for navigating within apps.
Carousel panel	Provides an interactive way to lay out images and other items in a circular manner that allows users to see all available options.
JumpViewer control	A scrollable control that incorporates two ways for viewing items.
Editors package	A collection of controls for capturing input data.
ProgressBar control	Enables the display of the progress of any process.
ColorPalette control	Provides a menu of predefined colors to select from.
ColorPpicker control	Provides a menu of predefined colors to select from.
Slider control	Enables an interactive control for selecting a value by moving a tab on a bar.
RangeSlider control	Enables an interactive control for selecting a range of values by sliding tabs on a bar.
Calendar control	Provides an interactive control that allows users to select a date.
ComboBoxAdv control	Provides an advanced combo box control.
CheckBoxAdv control	Provides an advanced check box control.
ButtonAdv control	Provides an advanced button control.
RadioButtonAdv control	Provides an advanced radio button control.

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Essential Chart for WinRT

Chart control	Provides a charting component for visualizing data with numerous chart types and features.
TimeLine control	Provides a tool for selecting and viewing a range of data in a particular span of time.

Essential Diagram for WinRT

Diagram control	Used to develop Microsoft Visio-like interactive graphics and diagram-builder applications.

Essential Gauge for WinRT

CircularGauge control	Provides a circular gauge for displaying and visualizing data.
DigitalGgauge control	Provides a gauge for displaying alphanumeric data.
LinearGauge control	Provides a linear gauge similar to a thermometer for displaying and visualizing data.
RollingGauge control	Provides a rolling gauge similar to an analog odometer for displaying numeric or alphabetic characters.

Essential Maps for WinRT

Maps control	Allows you to create interactive maps from ESRI Shapefiles.

WPF

Essential Grid for WPF

Edit filter pane style	Allows you to edit the grid filter pane style through Microsoft Expression Blend.
Default row height	Grid row heights will return to the default height by double-clicking on the row splitter.
Expanded data validation	Provides data validation support for MaskedEdit text boxes in a grid.

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Essential Grid for WPF

Data template support	Adds support for data templates in GridTree control.
Selection improvements	Adds support for SelectedRows property, SelectionChanged event, and a common way to find a node while binding DataTable and DataTable.DefaultView.
Customize grid appearance and styles	Supports customizing the appearance and styles of the GridTree control using Microsoft Expression Blend 4.

Essential Tools for WPF

Docking control border options	Provides an option to avoid resizing other controls when moving a border of a docking control.
Rich-text editor	Provides an interactive WYSIWYG editor for creating rich HTML content.
Native window	New floating window feature derived from the Window class.
Multilevel support in property grid	Allows multiple levels to be enabled in property grids.
Resizing EdgeChildren around the splitter	Only children around the splitter, not all elements, will be resized when resizing a container.

Essential Chart for WPF

Chart segment colors	Enables you to apply different colors to separate chart segments to further enhance data visualization.
Strip line enhancement	Provides additional options to existing strip line support such as appearance customization and legend support.
Watermarks	Allows users to add watermarks to charts.
Label and stroke support for axes	Add labels to any axis and specify where the labels appear. Similar support is added to axis tick marks.

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Essential Chart for WPF

Axis improvements	Add custom prefixes and suffixes to axis labels to denote units of measure. Expanded functionality of axis headers to support any content, not just text strings.
NMath library	Easily visualize data from Centerspace NMath libraries in Syncfusion Essential Chart.
Gauge Scale NumberMajorDivision and NumberMinorDivision	Option to specify axis scale based on desired number of divisions rather than interval values.
Move strip lines	Enables users to move chart strip lines with the mouse.
Scroll bar customization	Adds SmallChange and LargeChange properties to the chart area scroll bar.
PDF export	Enables charts to be converted to a PDF document.
Z-axis support	Provides a z-axis for charts in 3-D mode.
Smart label support	Enables smart labels for charts, a built-in optimization technique that prevents data point labels from overlapping data points.
Adornments for fast charts	Provides chart series adornments for fast chart types.
Set axis range	Allows you to set a chart axis range based on data values. The range is updated automatically when the data exceeds the range.
Text wrapping in heat maps	Enables text in heat map charts to be wrapped.
Improved adornment performance	Improves performance of chart series adornments.
Distribution curve in histograms	Enables you to add normal distribution curves to histogram charts.
Task relationship arrows	Enables you to add arrows between tasks for various task relationships.
Statistical formulas and utility functions	Provides statistical formulas and utility functions like those already featured in Essential Chart for Windows Forms.

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Essential Gantt for WPF	
Dynamic column inclusion	Allows columns representing baselines and costs to be added dynamically.
Baseline table view	Displays the variance between a baseline and current progress in the table view of a Gantt chart.
Baseline statistics	Shows the variance between estimated date and cost and current date and cost. Also shows the remaining date and cost of the task if applicable.
Dynamic resource and predecessor inclusion	A cell renderer for resources and predecessors that supports dynamic editing for the predecessor and resource names.
Full-time schedule	Enables the Gantt control to work with specific times instead of dates only.
Custom schedule	Allows users to define the Gantt control by their own units, rather than date and time only.
Print support	Enables users to print the current display of the Gantt chart.
Indent/outdent support	Allows users to change the hierarchy of tasks dynamically at run time.

Silverlight

Essential Grid for Silverlight	
Edit filter pane style	Allows you to edit the filter pane style through Microsoft Expression Blend.
Default row height	Grid row heights will return to the default height by double-clicking on the row splitter.
Expanded data validation	Provides data validation support for MaskedEdit text boxes in a grid.
Data template support	Adds support for data templates in GridTree control.
Selection improvements	Adds support for SelectedRows property, SelectionChanged event, and a common way to find a node while binding DataTable and DataTable.DefaultView.

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Essential Grid for Silverlight

Customize grid appearance and styles	Supports customizing the appearance and styles of the GridTree control using Microsoft Expression Blend 4.

Essential Chart for Silverlight

Label and stroke support for axes	Add labels to any axis and specify where the labels appear. Similar support is added to axis tick marks.
Indexed support	New Indexed mode support to plot x values in sequence as encountered, ignoring their actual values.
Mesh grid	Enables a homogeneous mesh grid for charts in logarithmic mode.

Essential Gantt for Silverlight

Dynamic column inclusion	Allows columns representing baselines and costs to be added dynamically.
Baseline table view	Displays the variance between a baseline and current progress in the table view of a Gantt chart.
Baseline statistics	Shows the variance between estimated date and cost and current date and cost. Also shows the remaining date and cost of the task if applicable.
Dynamic resource and predecessor inclusion	The cell renderer for resources and predecessors supports dynamic editing for the predecessor and resource names.
Full-time schedule	Enables the Gantt control to work with specific times instead of dates only.
Custom schedule	Allows users to define the Gantt control by their own units, rather than date and time only.
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Windows Forms

All Windows Forms Products

Control Value	Adds support for a control value in the ILocalizationProvider.GetLocalizedString() method.

Essential Grid for Windows Forms

PivotGrid control	Implements an interactive pivot grid for cross-tabulating and managing data.
Office 2007 filter	Introduces a new, optimized Office 2007-style filter for the GridGrouping control.
New API methods	Exposes API methods publicly in the built-in navigation bar for users to handle operations such as MoveNext, MovePrevious, MoveFirst, and MoveLast programmatically.

Essential Tools for Windows Forms

DateTimePickerAdv control localization	Localization support for DateTimePickerAdv control.
Close button for tabs	Provides a **Close** button to be added to tabs in the TabbedMDIManager.
AutoComplete maximum	Set a maximum limit for AutoComplete suggestions.
Skin manager	Apply a uniform skin to all the controls in your Windows Forms application.

Essential Chart for Windows Forms

Legend text enhancement	Enables chart legend text to be displayed in multiple formats.

Essential Diagram for Windows Forms

In-place label editing	Allows users to edit diagram labels in-place on the diagram page.

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Essential Diagram for Windows Forms

Interactive ToolTips
Enables the addition of interactive ToolTips in a diagram to provide end users with helpful information.

Connection point tool
Provides an interactive tool for inserting and deleting connection points on a node.

Visio shape data
Dynamic property data and values can be added to nodes during run time.

Essential Edit for Windows Forms

Improved search and replace
Optimized performance of search and replace operations.

Windows Phone

All Windows Phone Products

Mango support
Support for all current Windows Phone controls for Mango Edition.

Essential Chart for Windows Phone

Improved performance
Improved live updates and zooming and panning functionality.

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Essential Studio Reporting Edition

The only reporting solution you will ever need—with Essential Studio Reporting Edition you can create advanced reports with the WPF-based reporting solution or integrate document-based reporting (PDF, Excel, Word) into your Windows and Web applications.

Essential Report Viewer for WPF	
Tablix summary and merge cells	Allows summary rows and merged cells to be displayed in Tablix.
Document map	Helps users view specific product details in a report by using bookmarks to navigate documents.
Improved expression support	Adds support for LIKE and ToString expressions.

Essential PDF Viewer	
Improved text rendering	Adds support for embedded fonts and character spacing, and improves the text matrix.

Essential DocIO	
Macro-enabled documents	Adds support for opening, editing, and saving macro-enabled documents.
Improved DOC-to-PDF rendering	Adds support to handle overlapping text boxes based on z-order property and improved whitespace width preservation when rendering documents as PDFs.

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Essential Studio Business Intelligence Edition

With [Essential Studio Business Intelligence Edition](#), executive dashboards are a snap, and BI analysis can be integrated into your applications with ease. Controls such as Essential BI Chart, Grid, Gauge, and Client can be used to present key performance indicators fed by OLAP data.

Essential BI Grid for ASP.NET

Hide summary elements   Allows summary elements to be hidden at different levels.

Essential BI Client for ASP.NET

Paging support   Enables paging functionality in the OLAPClient.

Show MDX query at UI level   Adds support to show MDX queries in the OLAPClient through the toolbar.

Essential BI PivotGrid for WPF and Silverlight

Show/hide subtotal   Enables you to toggle the visibility of subtotals in a pivot grid.

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