



**RadControls**  
FOR WIN FORMS



**Standard WinForms  
Controls**

## Contents

|                                                     |    |
|-----------------------------------------------------|----|
| Introduction .....                                  | 2  |
| RadControls with no .NET2 WinForms counterpart..... | 2  |
| RadButton vs. WinForms Button .....                 | 3  |
| RadCalendar vs. WinForms Calendar.....              | 4  |
| RadCheckBox vs. WinForms Checkbox.....              | 7  |
| RadColorDialog vs. WinForms ColorDialog.....        | 9  |
| RadComboBox vs. WinForms ComboBox.....              | 11 |
| RadDateTimePicker vs. WinForms DateTimePicker.....  | 13 |
| RadGridView vs. WinForms DataGridView .....         | 15 |
| RadHScrollBar vs. WinForms HScrollBar .....         | 19 |
| RadLabel vs. WinForms Label.....                    | 20 |
| RadListBox vs. WinForms ListBox.....                | 22 |
| RadMaskedTextBox vs. WinForms MaskedTextBox .....   | 24 |
| RadPanel vs. WinForms Panel.....                    | 26 |
| RadProgressBar vs. WinForms ProgressBar .....       | 27 |
| RadRadioButton vs. WinForms RadioButton .....       | 29 |
| RadSpinEditor vs. WinForms NumericUpDown .....      | 30 |
| RadStatusStrip vs. WinForms StatusStrip.....        | 32 |
| RadTextBox vs. WinForms TextBox .....               | 34 |
| RadTreeView vs. WinForms TreeView .....             | 37 |
| RadVScrollBar vs. WinForms VScrollBar .....         | 40 |
| RadWaitingBar vs. WinForms WaitingBar.....          | 42 |



# RadControls

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# Standard WinForms Controls

## Introduction

The purpose of this document is to provide an in-depth comparison of Telerik WinForms UI controls and the default ones available in Visual Studio, and to show the key capabilities that are available only in RadControls for WinForms.

## RadControls with no .NET2 WinForms counterpart

| RadControl              | Description                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| RadApplicationMenu      | An Office 2007 look-and-feel drop-down menu.                                                                                            |
| RadBreadCrumb           | A Vista-style navigation bar, which binds to a RadTreeView instance.                                                                    |
| RadDockingManager       | A framework, which enables for VS-like docking panes and tabbed documents.                                                              |
| RadDropDownButton       | Stand-alone button with support for displaying associated commands in a drop-down manner.                                               |
| RadMultiColumnCombo-Box | A combo-box like control, which contains a RadGridView instance in its drop-down part.                                                  |
| RadPanelBar             | Outlook-like navigation control, allowing for stacking large number of application controls within a single application area.           |
| RadRepeatButton         | An extended button control which fires its Click event while pressed.                                                                   |
| RadRibbonBar            | Next generation menu/command system that mimics Office 2007 Ribbon Control, and is compliant with Microsoft's Ribbon Design Guidelines. |
| RadRotator              | Brings famous ASP.NET rotator experience to your Windows Forms applications. Allows for continuous switch among number of frames.       |
| RadScheduler            | An appointment presentation component that offers Outlook 2007-like functionality.                                                      |
| RadTabStrip             | Supplies the base for building tabbed interfaces.                                                                                       |



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## RadButton vs. WinForms Button

| Feature                       | RadButton | Button | Notes                                   |
|-------------------------------|-----------|--------|-----------------------------------------|
| Appearance - general          |           |        |                                         |
| Theming (styling)             | ✓         |        |                                         |
| Theme Builder                 | ✓         |        |                                         |
| Animations                    | ✓         |        |                                         |
| Shapes (geometry)             | ✓         |        |                                         |
| Transparency                  | ✓         |        |                                         |
| Zoom in/out                   | ✓         |        |                                         |
| HTML-formatted text           | ✓         |        |                                         |
| Behavior - general            |           |        |                                         |
| Routed Events                 | ✓         |        |                                         |
| Command Bindings              | ✓         |        |                                         |
| Automatic Tooltips            | ✓         |        |                                         |
| Appearance - control specific |           |        |                                         |
| Display Style                 | ✓         |        | Image or TextImage, etc.                |
| Text Alignment                | ✓         | ✓      |                                         |
| Image Alignment               | ✓         | ✓      |                                         |
| Text-image relation           | ✓         | ✓      | TextBeforeImage or TextAboveImage, etc. |
| Text wrapping                 | ✓         |        | Move text on new line if necessary      |
| Image Scaling Size            | ✓         |        |                                         |



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# Standard WinForms Controls

| Feature                           | RadButton | Button | Notes                                        |
|-----------------------------------|-----------|--------|----------------------------------------------|
| Behavior - control specific       |           |        |                                              |
| Supports Accept and Cancel button | ✓         | ✓      | Can be set as Form's Accept or Cancel button |
| Design-time specific              |           |        |                                              |
| RadElement Tree Editor            | ✓         |        |                                              |
| Run-time specific                 |           |        |                                              |
| Supports tab order                | ✓         | ✓      |                                              |
| RadElement Control Spy            | ✓         |        | Appearance - control specific                |
| Display Style                     | ✓         |        | Image or TextImage, etc.                     |
| Text Alignment                    | ✓         | ✓      |                                              |
| Image Alignment                   | ✓         | ✓      |                                              |
| Text-image relation               | ✓         | ✓      | TextBeforeImage or TextAboveImage, etc.      |
| Text wrapping                     | ✓         |        | Move text on new line if necessary           |
| Image Scaling Size                | ✓         |        |                                              |



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# Standard WinForms Controls

## RadCalendar vs. WinForms Calendar

| Feature                     | Rad Calendar | Month Calendar | Notes                                        |
|-----------------------------|--------------|----------------|----------------------------------------------|
| Appearance - general        |              |                |                                              |
| Theming (styling)           | ✓            |                |                                              |
| Theme Builder               | ✓            |                |                                              |
| Animations                  | ✓            |                |                                              |
| Shapes (geometry)           | ✓            |                |                                              |
| Transparency                | ✓            |                |                                              |
| Zoom in/out                 | ✓            |                |                                              |
| HTML-formatted text         | ✓            |                |                                              |
| Behavior - general          |              |                |                                              |
| Routed Events               | ✓            |                |                                              |
| Command Bindings            | ✓            |                |                                              |
| Automatic Tooltips          | ✓            |                |                                              |
| Behavior - control specific |              |                |                                              |
| First day of week           | ✓            | ✓              |                                              |
| Show today                  | ✓            | ✓              |                                              |
| Show/hide week days         | ✓            |                | .NET control does not allow hiding week days |
| Show/hide week numbers      | ✓            | ✓              |                                              |
| Fish eye (date zoom)        | ✓            |                |                                              |



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# Standard WinForms Controls

| Feature                          | Rad Calendar | Month Calendar | Notes                                                             |
|----------------------------------|--------------|----------------|-------------------------------------------------------------------|
| Special dates                    | ✓            | ✓              | .NET control allows only for bold text                            |
| Read-only                        | ✓            |                |                                                                   |
| Show other month days            | ✓            |                |                                                                   |
| Layout                           |              |                |                                                                   |
| Right-to-left support            | ✓            | ✓              |                                                                   |
| Multi-view                       | ✓            | ✓              |                                                                   |
| Orientation                      | ✓            |                |                                                                   |
| Month layout                     | ✓            |                | RadControl allows for having custom number of columns and/or rows |
| Cells                            |              |                |                                                                   |
| Cell padding                     | ✓            |                |                                                                   |
| Cell margin                      | ✓            |                |                                                                   |
| Cell horizontal/vertical spacing | ✓            |                |                                                                   |
| Cell content alignment           | ✓            |                |                                                                   |
| Date range                       |              |                |                                                                   |
| Min/max date                     | ✓            | ✓              |                                                                   |
| Focused date                     | ✓            |                |                                                                   |
| Selected date(s)                 | ✓            | ✓              |                                                                   |
| Date selection                   |              |                |                                                                   |





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# Standard WinForms Controls

| Feature                           | Rad Calendar | Month Calendar | Notes                             |
|-----------------------------------|--------------|----------------|-----------------------------------|
| Multi-select                      | ✓            | ✓              |                                   |
| Select all button (View Selector) | ✓            |                |                                   |
| Select range by week or day       | ✓            |                | AllowRow (Column) HeaderSelectors |
| Header/footer                     |              |                |                                   |
| Header                            | ✓            | ✓              |                                   |
| Footer                            | ✓            |                |                                   |
| Controllable header/footer        | ✓            |                |                                   |
| Navigation buttons                | ✓            | ✓              |                                   |
| Fast navigation buttons           | ✓            |                |                                   |
| Navigation buttons step           | ✓            | ✓              |                                   |
| Design-time specific              |              |                |                                   |
| Smart tags                        | ✓            |                |                                   |
| RadElement Tree Editor            | ✓            |                |                                   |
| Run-time specific                 |              |                |                                   |
| Supports tab order                | ✓            | ✓              |                                   |
| RadElement Control Spy            | ✓            |                |                                   |



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# Standard WinForms Controls

## RadCheckBox vs. WinForms Checkbox

| Feature                       | Rad CheckBox | CheckBox | Notes                                   |
|-------------------------------|--------------|----------|-----------------------------------------|
| Appearance - general          |              |          |                                         |
| Theming (styling)             | ✓            |          |                                         |
| Theme Builder                 | ✓            |          |                                         |
| Animations                    | ✓            |          |                                         |
| Shapes (geometry)             | ✓            |          |                                         |
| Transparency                  | ✓            |          |                                         |
| Zoom in/out                   | ✓            |          |                                         |
| Behavior - general            |              |          |                                         |
| Routed Events                 | ✓            |          |                                         |
| Command Bindings              | ✓            |          |                                         |
| Automatic Tooltips            | ✓            |          |                                         |
| Appearance - control specific |              |          |                                         |
| Display Style                 | ✓            |          | Image or Text Image, etc.               |
| Text Alignment                | ✓            | ✓        |                                         |
| Image Alignment               | ✓            | ✓        |                                         |
| Check Alignment               | ✓            | ✓        |                                         |
| Text-image relation           | ✓            | ✓        | TextBeforeImage or TextAboveImage, etc. |
| Text wrapping                 | ✓            |          | Move text on new line if necessary      |
| Image Scaling Size            | ✓            |          |                                         |





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# Standard WinForms Controls

| Feature                     | Rad CheckBox | CheckBox | Notes                                                                   |
|-----------------------------|--------------|----------|-------------------------------------------------------------------------|
| Flat Appearance             | ✓            |          | This functionality is represented by another control - RadToggleButton. |
| Behavior - control specific |              |          |                                                                         |
| Three-state                 | ✓            | ✓        | Supports additional - "Indeterminate" - check state                     |
| Design-time specific        |              |          |                                                                         |
| Smart tags                  | ✓            |          |                                                                         |
| RadElement Tree Editor      | ✓            |          |                                                                         |
| Run-time specific           |              |          |                                                                         |
| Supports tab order          | ✓            | ✓        |                                                                         |
| RadElement Control Spy      | ✓            |          |                                                                         |

## RadColorDialog vs. WinForms ColorDialog

| Feature              | RadColor Dialog | Color Dialog | Notes |
|----------------------|-----------------|--------------|-------|
| Appearance - general |                 |              |       |
| Theming (styling)    | ✓               |              |       |
| Theme Builder        | ✓               |              |       |
| Animations           | ✓               |              |       |
| Shapes (geometry)    | ✓               |              |       |



# RadControls

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# Standard WinForms Controls

| Feature                     | RadColor Dialog | Color Dialog | Notes                          |
|-----------------------------|-----------------|--------------|--------------------------------|
| Transparency                | ✓               |              |                                |
| Zoom in/out                 | ✓               |              |                                |
| HTML-formatted text         | ✓               |              |                                |
| Behavior - general          |                 |              |                                |
| Routed Events               | ✓               |              |                                |
| Command Bindings            | ✓               |              |                                |
| Automatic Tooltips          | ✓               |              |                                |
| Behavior - control specific |                 |              |                                |
| Custom Colors               | ✓               | ✓            |                                |
| System Colors               | ✓               |              |                                |
| Web Colors                  | ✓               |              |                                |
| Predefined Custom Colors    | ✓               | ✓            |                                |
| RGB                         | ✓               | ✓            |                                |
| HLS                         | ✓               | ✓            |                                |
| Hex                         | ✓               |              |                                |
| ShowSystemColors            | ✓               |              |                                |
| ShowWebColors               | ✓               |              |                                |
| ShowCustomColors            | ✓               | ✓            |                                |
| Color picker                | ✓               |              | Picks a color from the screen  |
| Alpha-value support         | ✓               |              | Supports alpha-value per color |



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# Standard WinForms Controls

| Feature                | RadColor Dialog | Color Dialog | Notes |
|------------------------|-----------------|--------------|-------|
| Persists custom colors | ✓               | ✓            |       |
| Design-time specific   |                 |              |       |
| Smart tags             | ✓               |              |       |
| Run-time specific      |                 |              |       |
| Supports tab order     | ✓               | ✓            |       |
|                        |                 |              |       |

## RadComboBox vs. WinForms ComboBox

| Feature                | Rad ComboBox | ComboBox | Notes |
|------------------------|--------------|----------|-------|
| Appearance - general   |              |          |       |
| Theming (styling)      | ✓            |          |       |
| Theme Builder          | ✓            |          |       |
| RadElement Tree Editor | ✓            |          |       |
| Animations             | ✓            |          |       |
| Shapes (geometry)      | ✓            |          |       |
| Transparency           | ✓            |          |       |
| Zoom in/out            | ✓            |          |       |
| HTML-formatted text    | ✓            |          |       |
| Behavior - general     |              |          |       |
| Routed Events          | ✓            |          |       |



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# Standard WinForms Controls

| Feature                       | Rad ComboBox | ComboBox | Notes                                                               |
|-------------------------------|--------------|----------|---------------------------------------------------------------------|
| Command Bindings              | ✓            |          |                                                                     |
| Automatic Tooltips            | ✓            |          |                                                                     |
| Appearance - control specific |              |          |                                                                     |
| Completely customizable items | ✓            |          | Including images, text-image relation, transparency, etc.           |
| Resizable drop-down           | ✓            |          |                                                                     |
| Animatable drop-down          | ✓            |          |                                                                     |
| Draw mode                     | ✓            | ✓        | Allows for custom rendering                                         |
| Item description              | ✓            |          | Allows for a description (different text primitive) per item basis. |
| Control over drop-down size   | ✓            | ✓        | Telerik's control has more precise control over drop-down's size.   |
| Behavior - control specific   |              |          |                                                                     |
| Auto-complete                 | ✓            | ✓        |                                                                     |
| Sort mode - ascending         | ✓            | ✓        | .NET control supports only ascending order                          |
| Sort mode - descending        | ✓            |          |                                                                     |
| Case-sensitive                | ✓            |          | Specifies whether all string-related operations are case-sensitive. |



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# Standard WinForms Controls

| Feature                | Rad ComboBox | ComboBox | Notes                                                     |
|------------------------|--------------|----------|-----------------------------------------------------------|
| Double-click rotate    | ✓            |          | Selects next item in the list upon edit-box double-click. |
| Data binding           |              |          |                                                           |
| Supports data binding  | ✓            | ✓        |                                                           |
| ValueMember            | ✓            | ✓        |                                                           |
| DisplayMember          | ✓            | ✓        |                                                           |
| Design-time specific   |              |          |                                                           |
| Smart tags             | ✓            | ✓        |                                                           |
| RadElement Tree Editor | ✓            |          |                                                           |
| Allow single item edit | ✓            |          | Each individual item may be customized at design-time.    |
| Run-time specific      |              |          |                                                           |
| Supports tab order     | ✓            | ✓        |                                                           |
| RadElement Control Spy | ✓            |          |                                                           |

## RadDateTimePicker vs. WinForms DateTimePicker

| Feature              | RadDate TimePicker | Date TimePicker | Notes |
|----------------------|--------------------|-----------------|-------|
| Appearance - general |                    |                 |       |
| Theming (styling)    | ✓                  |                 |       |



# RadControls

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# Standard WinForms Controls

| Feature                       | RadDate<br>TimePicker | Date TimePicker | Notes |
|-------------------------------|-----------------------|-----------------|-------|
| Theme Builder                 | ✓                     |                 |       |
| Animations                    | ✓                     |                 |       |
| Shapes (geometry)             | ✓                     |                 |       |
| Transparency                  | ✓                     |                 |       |
| Zoom in/out                   | ✓                     |                 |       |
| HTML-formatted text           | ✓                     |                 |       |
| Behavior - general            |                       |                 |       |
| Routed Events                 | ✓                     |                 |       |
| Command Bindings              | ✓                     |                 |       |
| Automatic Tooltips            | ✓                     |                 |       |
| Appearance - control specific |                       |                 |       |
| Show up-down                  | ✓                     | ✓               |       |
| Show checkbox                 | ✓                     | ✓               |       |
| Null text                     | ✓                     |                 |       |
| Behavior - control specific   |                       |                 |       |
| Min/Max date                  | ✓                     | ✓               |       |
| Format                        | ✓                     | ✓               |       |
| Custom format                 | ✓                     | ✓               |       |
| Supports mouse scroll         | ✓                     |                 |       |
| Resizable drop-down calendar  | ✓                     |                 |       |





# RadControls

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# Standard WinForms Controls

| Feature                | RadDate<br>TimePicker | Date TimePicker | Notes |
|------------------------|-----------------------|-----------------|-------|
| Drop-down alignment    | ✓                     |                 |       |
| Right-to-left          | ✓                     | ✓               |       |
| Design-time specific   |                       |                 |       |
| Smart tags             | ✓                     |                 |       |
| RadElement Tree Editor | ✓                     |                 |       |
| Run-time specific      |                       |                 |       |
| Supports tab order     | ✓                     | ✓               |       |
| RadElement Control Spy | ✓                     |                 |       |
|                        |                       |                 |       |

## RadGridView vs. WinForms DataGridView

| Feature              | Rad GridView | Data GridView | Notes |
|----------------------|--------------|---------------|-------|
| Appearance - general |              |               |       |
| Theming (styling)    | ✓            |               |       |
| Theme Builder        | ✓            |               |       |
| Animations           | ✓            |               |       |
| Shapes (geometry)    | ✓            |               |       |
| Transparency         | ✓            |               |       |
| Zoom in/out          | ✓            |               |       |
| HTML-formatted text  | ✓            |               |       |



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# Standard WinForms Controls

| Feature                         | Rad GridView | Data GridView | Notes                               |
|---------------------------------|--------------|---------------|-------------------------------------|
| Behavior - general              |              |               |                                     |
| Routed Events                   | ✓            |               |                                     |
| Command Bindings                | ✓            |               |                                     |
| Automatic Tooltips              | ✓            | ✓             |                                     |
| Complete keyboard navigation    | ✓            | ✓             |                                     |
| Advanced tooltips (screen-tips) | ✓            |               |                                     |
| Layout (Views)                  |              |               |                                     |
| Table View                      | ✓            | ✓             |                                     |
| HTML View                       | ✓            |               |                                     |
| Column Group View               | ✓            |               | Allows for grouping column headers. |
| Hierarchy (nested views)        | ✓            |               |                                     |
| Group by column(s)              | ✓            |               |                                     |
| Group summaries                 | ✓            |               |                                     |
| Right-to-left support           | ✓            |               |                                     |
| Layout persistency              | ✓            |               |                                     |
| Scrolling                       | ✓            | ✓             |                                     |
| Pinned (fixed) columns          | ✓            | ✓             |                                     |
| Pinned (fixed) rows             | ✓            | ✓             |                                     |
| Data - binding                  |              |               |                                     |



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# Standard WinForms Controls

| Feature                            | Rad GridView | Data GridView | Notes                                              |
|------------------------------------|--------------|---------------|----------------------------------------------------|
| Different data sources             | ✓            | ✓             |                                                    |
| Unbound mode                       | ✓            | ✓             |                                                    |
| Virtual mode                       | ✓            | ✓             |                                                    |
| Mixed bound/unbound columns        | ✓            | ✓             |                                                    |
| Typed columns                      | ✓            |               |                                                    |
| Data - visualization               |              |               |                                                    |
| Cell formatting                    | ✓            | ✓             |                                                    |
| Row animations                     | ✓            |               |                                                    |
| Filtering                          | ✓            |               |                                                    |
| Conditional formatting             | ✓            |               |                                                    |
| Expressions                        | ✓            |               | Additional conditions for changing displayed data. |
| Export data to Excel               | ✓            |               |                                                    |
| Data - editing                     |              |               |                                                    |
| In-place editors                   | ✓            | ✓             |                                                    |
| Discard changes while in edit mode | ✓            | ✓             |                                                    |
| Two-way data update                | ✓            | ✓             |                                                    |
| Selection                          |              |               |                                                    |
| Full row select                    | ✓            | ✓             |                                                    |
| Cell-based selection               | ✓            | ✓             |                                                    |



# RadControls

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# Standard WinForms Controls

| Feature                         | Rad GridView | Data GridView | Notes |
|---------------------------------|--------------|---------------|-------|
| Translucent selection rectangle | ✓            |               |       |
| Columns                         |              |               |       |
| Column chooser                  | ✓            |               |       |
| Column reorder                  | ✓            | ✓             |       |
| Column autosize                 | ✓            | ✓             |       |
| Sorting                         |              |               |       |
| Single-column sorting           | ✓            | ✓             |       |
| Multiple column sorting         | ✓            |               |       |
| Custom sorting                  | ✓            | ✓             |       |
| Design-time specific            |              |               |       |
| Smart tags                      | ✓            | ✓             |       |
| RadElement Tree Editor          | ✓            |               |       |
| Auto-generate columns           | ✓            | ✓             |       |
| Run-time specific               |              |               |       |
| Supports tab order              | ✓            | ✓             |       |
| RadElement Control Spy          | ✓            |               |       |



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# Standard WinForms Controls

## RadHScrollBar vs. WinForms HScrollBar

| Feature                       | Rad HScroll-Bar | HScrollBar | Notes |
|-------------------------------|-----------------|------------|-------|
| Appearance - general          |                 |            |       |
| Theming (styling)             | ✓               |            |       |
| Theme Builder                 | ✓               |            |       |
| Animations                    | ✓               |            |       |
| Shapes (geometry)             | ✓               |            |       |
| Transparency                  | ✓               |            |       |
| Zoom in/out                   | ✓               |            |       |
| HTML-formatted text           | ✓               |            |       |
| Behavior - general            |                 |            |       |
| Routed Events                 | ✓               |            |       |
| Command Bindings              | ✓               |            |       |
| Automatic Tooltips            | ✓               |            |       |
| Appearance - control specific |                 |            |       |
| Minimum thumb length          | ✓               |            |       |
| Thumb length proportion       | ✓               |            |       |
| Behavior - control specific   |                 |            |       |
| Minimum                       | ✓               | ✓          |       |
| Maximum                       | ✓               | ✓          |       |
| Small change                  | ✓               | ✓          |       |
| Large change                  | ✓               | ✓          |       |



# RadControls

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# Standard WinForms Controls

| Feature                | Rad HScroll-Bar | HScrollBar | Notes |
|------------------------|-----------------|------------|-------|
| Design-time specific   |                 |            |       |
| Smart tags             | ✓               |            |       |
| RadElement Tree Editor | ✓               |            |       |
| Run-time specific      |                 |            |       |
| Supports tab order     | ✓               | ✓          |       |
| RadElement Control Spy | ✓               |            |       |

## RadLabel vs. WinForms Label

| Feature              | RadLabel | Label | Notes |
|----------------------|----------|-------|-------|
| Appearance - general |          |       |       |
| Theming (styling)    | ✓        |       |       |
| Theme Builder        | ✓        |       |       |
| Animations           | ✓        |       |       |
| Shapes (geometry)    | ✓        |       |       |
| Transparency         | ✓        |       |       |
| Zoom in/out          | ✓        |       |       |
| HTML-formatted text  | ✓        |       |       |
| Behavior - general   |          |       |       |
| Routed Events        | ✓        |       |       |





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# Standard WinForms Controls

| Feature                       | RadLabel | Label | Notes                                   |
|-------------------------------|----------|-------|-----------------------------------------|
| Command Bindings              | ✓        |       |                                         |
| Automatic Tooltips            | ✓        |       |                                         |
| Appearance - control specific |          |       |                                         |
| Image support                 | ✓        | ✓     |                                         |
| Display Style                 | ✓        |       | Image or TextImage, etc.                |
| Text Alignment                | ✓        | ✓     |                                         |
| Image Alignment               | ✓        | ✓     |                                         |
| Text-image relation           | ✓        | ✓     | TextBeforeImage or TextAboveImage, etc. |
| Text wrapping                 | ✓        | ✓     | Move text on new line if necessary      |
| Image Scaling Size            | ✓        |       |                                         |
| Design-time specific          |          |       |                                         |
| Smart tags                    | ✓        |       |                                         |
| RadElement Tree Editor        | ✓        |       |                                         |
| Run-time specific             |          |       |                                         |
| Supports tab order            | ✓        | ✓     |                                         |
| RadElement Control Spy        | ✓        |       |                                         |



# RadControls

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# Standard WinForms Controls

## RadListBox vs. WinForms ListBox

| Feature                       | RadListBox | ListBox | Notes                       |
|-------------------------------|------------|---------|-----------------------------|
| Appearance - general          |            |         |                             |
| Theming (styling)             | ✓          |         |                             |
| Theme Builder                 | ✓          |         |                             |
| RadElement Tree Editor        | ✓          |         |                             |
| Animations                    | ✓          |         |                             |
| Shapes (geometry)             | ✓          |         |                             |
| Transparency                  | ✓          |         |                             |
| Zoom in/out                   | ✓          |         |                             |
| HTML-formatted text           | ✓          |         |                             |
| Behavior - general            |            |         |                             |
| Routed Events                 | ✓          |         |                             |
| Command Bindings              | ✓          |         |                             |
| Automatic Tooltips            | ✓          |         |                             |
| Appearance - control specific |            |         |                             |
| Multi-column                  | ✓          |         |                             |
| Horizontal scrollbar          | ✓          | ✓       |                             |
| IntegralHeight                | ✓          |         |                             |
| Draw mode                     | ✓          | ✓       | Allows for custom rendering |
| Fully customizable items      | ✓          |         |                             |



# RadControls

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# Standard WinForms Controls

| Feature                          | RadListBox | ListBox | Notes                                                               |
|----------------------------------|------------|---------|---------------------------------------------------------------------|
| Item description                 | ✓          |         | Allows for a description (different text primitive) per item basis. |
| Right-to-left support            | ✓          | ✓       |                                                                     |
| Behavior - control specific      |            |         |                                                                     |
| Selection mode                   | ✓          | ✓       | None, Simple, Multi-Simple, etc.                                    |
| Sort mode - ascending            | ✓          | ✓       | .NET control supports only ascending order.                         |
| Sort mode - descending           | ✓          |         |                                                                     |
| Data binding                     |            |         |                                                                     |
| Supports data binding            | ✓          | ✓       |                                                                     |
| ValueMember                      | ✓          | ✓       |                                                                     |
| DisplayMember                    | ✓          | ✓       |                                                                     |
| Design-time specific             |            |         |                                                                     |
| Smart tags                       | ✓          | ✓       |                                                                     |
| RadElement Tree Editor           | ✓          |         |                                                                     |
| Add new item in-place (by click) | ✓          |         |                                                                     |
| Smart tags per item              | ✓          |         | Design-time items in the .NET control are simple strings.           |
| Run-time specific                |            |         |                                                                     |
| Supports tab order               | ✓          | ✓       |                                                                     |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                | RadListBox | ListBox | Notes |
|------------------------|------------|---------|-------|
| RadElement Control Spy | ✓          |         |       |
| Drag-and-drop support  | ✓          | ✓       |       |

## RadMaskedTextBox vs. WinForms MaskedTextBox

| Feature                       | RadMaskedTextBox | MaskedTextBox | Notes |
|-------------------------------|------------------|---------------|-------|
| Appearance - general          |                  |               |       |
| Theming (styling)             | ✓                |               |       |
| Theme Builder                 | ✓                |               |       |
| RadElement Tree Editor        | ✓                |               |       |
| Animations                    | ✓                |               |       |
| Shapes (geometry)             | ✓                |               |       |
| Transparency                  | ✓                |               |       |
| Zoom in/out                   | ✓                |               |       |
| HTML-formatted text           | ✓                |               |       |
| Behavior - general            |                  |               |       |
| Routed Events                 | ✓                |               |       |
| Command Bindings              | ✓                |               |       |
| Automatic Tooltips            | ✓                |               |       |
| Appearance - control specific |                  |               |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                     | RadMasked<br>EditBox | Masked TextBox | Notes                                                                                            |
|-----------------------------|----------------------|----------------|--------------------------------------------------------------------------------------------------|
| Prompt character            | ✓                    | ✓              | Allows for user-defined prompt character.                                                        |
| Text alignment              | ✓                    | ✓              | This feature needs to be modified through the internal RadElement itself.                        |
| Behavior - control specific |                      |                |                                                                                                  |
| Auto-complete               | ✓                    |                |                                                                                                  |
| Multiline                   | ✓                    |                |                                                                                                  |
| Wordwrap                    | ✓                    |                |                                                                                                  |
| Predefined masks            | ✓                    | ✓              | The .NET control has more predefined masks.                                                      |
| Custom masks                | ✓                    | ✓              |                                                                                                  |
| Beep on error               | ✓                    | ✓              |                                                                                                  |
| Cut/Copy mask format        | ✓                    |                | Indicates whether copying the value to the clipboard includes literals and/or prompt characters. |
| Design-time specific        |                      |                |                                                                                                  |
| Smart tags                  | ✓                    | ✓              |                                                                                                  |
| RadElement Tree Editor      | ✓                    |                |                                                                                                  |
| Run-time specific           |                      |                |                                                                                                  |
| Supports tab order          | ✓                    | ✓              |                                                                                                  |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                | RadMasked<br>EditBox | Masked TextBox | Notes |
|------------------------|----------------------|----------------|-------|
| RadElement Control Spy | ✓                    |                |       |
|                        |                      |                |       |

## RadPanel vs. WinForms Panel

| Feature                     | RadPanel | Panel | Notes |
|-----------------------------|----------|-------|-------|
| Appearance - general        |          |       |       |
| Theming (styling)           | ✓        |       |       |
| Theme Builder               | ✓        |       |       |
| RadElement Tree Editor      | ✓        |       |       |
| Animations                  | ✓        |       |       |
| Shapes (geometry)           | ✓        |       |       |
| Transparency                | ✓        |       |       |
| Zoom in/out                 | ✓        |       |       |
| HTML-formatted text         | ✓        |       |       |
| Behavior - general          |          |       |       |
| Routed Events               | ✓        |       |       |
| Command Bindings            | ✓        |       |       |
| Automatic Tooltips          | ✓        |       |       |
| Behavior - control specific |          |       |       |
| Auto-scroll                 | ✓        | ✓     |       |





# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                 | RadPanel | Panel | Notes                                                       |
|-------------------------|----------|-------|-------------------------------------------------------------|
| Auto-scroll size/margin | ✓        | ✓     |                                                             |
| AutoScrollToControl     | ✓        |       | Determines whether to scroll the focused control into view. |
| Design-time specific    |          |       |                                                             |
| Smart tags              | ✓        | ✓     |                                                             |
| RadElement Tree Editor  | ✓        |       |                                                             |
| Run-time specific       |          |       |                                                             |
| Supports tab order      | ✓        | ✓     |                                                             |
| RadElement Control Spy  | ✓        |       |                                                             |

## RadProgressBar vs. WinForms ProgressBar

| Feature                | Rad Progress-Bar | ProgressBar | Notes |
|------------------------|------------------|-------------|-------|
| Appearance - general   |                  |             |       |
| Theming (styling)      | ✓                |             |       |
| Theme Builder          | ✓                |             |       |
| RadElement Tree Editor | ✓                |             |       |
| Animations             | ✓                |             |       |
| Shapes (geometry)      | ✓                |             |       |
| Transparency           | ✓                |             |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                       | Rad Progress-Bar | ProgressBar | Notes                             |
|-------------------------------|------------------|-------------|-----------------------------------|
| Zoom in/out                   | ✓                |             |                                   |
| HTML-formatted text           | ✓                |             |                                   |
| Behavior - general            |                  |             |                                   |
| Routed Events                 | ✓                |             |                                   |
| Command Bindings              | ✓                |             |                                   |
| Automatic Tooltips            | ✓                |             |                                   |
| Appearance - control specific |                  |             |                                   |
| Customizable progress style   | ✓                |             |                                   |
| Value1 and Value2             | ✓                |             | Allows for displaying two ranges. |
| Image support                 | ✓                |             |                                   |
| Progress orientation          | ✓                |             |                                   |
| Behavior - control specific   |                  |             |                                   |
| Minimum/Maximum range         | ✓                | ✓           |                                   |
| Design-time specific          |                  |             |                                   |
| Smart tags                    | ✓                |             |                                   |
| RadElement Tree Editor        | ✓                |             |                                   |
| Run-time specific             |                  |             |                                   |
| Supports tab order            | ✓                | ✓           |                                   |
| RadElement Control Spy        | ✓                |             |                                   |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

## RadRadioButton vs. WinForms RadioButton

| Feature                       | Rad<br>RadioButton | RadioButton | Notes                                   |
|-------------------------------|--------------------|-------------|-----------------------------------------|
| Appearance - general          |                    |             |                                         |
| Theming (styling)             | ✓                  |             |                                         |
| Theme Builder                 | ✓                  |             |                                         |
| Animations                    | ✓                  |             |                                         |
| Shapes (geometry)             | ✓                  |             |                                         |
| Transparency                  | ✓                  |             |                                         |
| Zoom in/out                   | ✓                  |             |                                         |
| HTML-formatted text           | ✓                  |             |                                         |
| Behavior - general            |                    |             |                                         |
| Routed Events                 | ✓                  |             |                                         |
| Command Bindings              | ✓                  |             |                                         |
| Automatic Tooltips            | ✓                  |             |                                         |
| Appearance - control specific |                    |             |                                         |
| Display Style                 | ✓                  |             | Image or TextImage, etc.                |
| Text Alignment                | ✓                  | ✓           |                                         |
| Image Alignment               | ✓                  | ✓           |                                         |
| Check Alignment               | ✓                  | ✓           |                                         |
| Text-image relation           | ✓                  | ✓           | TextBeforeImage or TextAboveImage, etc. |
| Text wrapping                 | ✓                  |             |                                         |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                         | Rad<br>RadioButton | RadioButton | Notes                                                                   |
|---------------------------------|--------------------|-------------|-------------------------------------------------------------------------|
| Image Scaling Size              | ✓                  |             | Move text on new line if necessary.                                     |
| Flat Appearance                 |                    | ✓           | This functionality is represented by another control - RadToggleButton. |
| Behavior - control specific     |                    |             |                                                                         |
| Auto-uncheck previously checked | ✓                  | ✓           | Allows only one checked radio button to exist in a container.           |
| Design-time specific            |                    |             |                                                                         |
| Smart tags                      | ✓                  |             |                                                                         |
| RadElement Tree Editor          | ✓                  |             |                                                                         |
| Run-time specific               |                    |             |                                                                         |
| Supports tab order              | ✓                  | ✓           |                                                                         |
| RadElement Control Spy          | ✓                  |             |                                                                         |

## RadSpinEditor vs. WinForms NumericUpDown

| Feature              | Rad<br>SpinEditor | Numeric UpDown | Notes |
|----------------------|-------------------|----------------|-------|
| Appearance - general |                   |                |       |
| Theming (styling)    | ✓                 |                |       |
| Theme Builder        | ✓                 |                |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                       | Rad SpinEditor | Numeric UpDown | Notes                                         |
|-------------------------------|----------------|----------------|-----------------------------------------------|
| RadElement Tree Editor        | ✓              |                |                                               |
| Animations                    | ✓              |                |                                               |
| Shapes (geometry)             | ✓              |                |                                               |
| Transparency                  | ✓              |                |                                               |
| Zoom in/out                   | ✓              |                |                                               |
| HTML-formatted text           | ✓              |                |                                               |
| Behavior - general            |                |                |                                               |
| Routed Events                 | ✓              |                |                                               |
| Command Bindings              | ✓              |                |                                               |
| Automatic Tooltips            | ✓              |                |                                               |
| Appearance - control specific |                |                |                                               |
| Text alignment                | ✓              | ✓              |                                               |
| Hexademical display           | ✓              | ✓              | Numbers are displayed in hex format.          |
| Decimal places                | ✓              | ✓              |                                               |
| Thousands separator           | ✓              | ✓              |                                               |
| Behavior - control specific   |                |                |                                               |
| Intercept arrow keys          | ✓              | ✓              | Handles Up/Down arrows to move value up/down. |
| Read-only                     | ✓              | ✓              |                                               |
| Increment                     | ✓              | ✓              |                                               |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                | Rad SpinEditor | Numeric UpDown | Notes |
|------------------------|----------------|----------------|-------|
| Minimum                | ✓              | ✓              |       |
| Maximum                | ✓              | ✓              |       |
| Design-time specific   |                |                |       |
| Smart tags             | ✓              |                |       |
| RadElement Tree Editor | ✓              |                |       |
| Run-time specific      |                |                |       |
| Supports tab order     | ✓              | ✓              |       |
| RadElement Control Spy | ✓              |                |       |
|                        |                |                |       |

## RadStatusStrip vs. WinForms StatusStrip

| Feature                | Rad StatusStrip | StatusStrip | Notes |
|------------------------|-----------------|-------------|-------|
| Appearance - general   |                 |             |       |
| Theming (styling)      | ✓               |             |       |
| Theme Builder          | ✓               |             |       |
| RadElement Tree Editor | ✓               |             |       |
| Animations             | ✓               |             |       |
| Shapes (geometry)      | ✓               |             |       |
| Transparency           | ✓               |             |       |
| Zoom in/out            | ✓               |             |       |





# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                           | Rad<br>StatusStrip | StatusStrip | Notes                                                  |
|-----------------------------------|--------------------|-------------|--------------------------------------------------------|
| HTML-formatted text               | ✓                  |             |                                                        |
| Behavior - general                |                    |             |                                                        |
| Routed Events                     | ✓                  |             |                                                        |
| Command Bindings                  | ✓                  |             |                                                        |
| Automatic Tooltips                | ✓                  |             |                                                        |
| Appearance - control specific     |                    |             |                                                        |
| Show size grip                    | ✓                  | ✓           |                                                        |
| Text direction                    | ✓                  | ✓           |                                                        |
| Completely customizable items.    | ✓                  | ✓           | RadStatusStrip allows for much greater item selection. |
| Stretch (spring) items            | ✓                  | ✓           |                                                        |
| Behavior - control specific       |                    |             |                                                        |
| Sizing grip resizes the host Form | ✓                  | ✓           |                                                        |
| Layout style - Stack or Overflow  | ✓                  |             |                                                        |
| Design-time specific              |                    |             |                                                        |
| Smart tags                        | ✓                  |             |                                                        |
| RadElement Tree Editor            | ✓                  |             |                                                        |
| Items can be edited individually  | ✓                  | ✓           |                                                        |
| Run-time specific                 |                    |             |                                                        |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                | Rad<br>StatusStrip | StatusStrip | Notes |
|------------------------|--------------------|-------------|-------|
| Supports tab order     | ✓                  | ✓           |       |
| RadElement Control Spy | ✓                  |             |       |

## RadTextBox vs. WinForms TextBox

| Feature                       | RadTextBox | TextBox | Notes |
|-------------------------------|------------|---------|-------|
| Appearance - general          |            |         |       |
| Theming (styling)             | ✓          |         |       |
| Theme Builder                 | ✓          |         |       |
| RadElement Tree Editor        | ✓          |         |       |
| Animations                    | ✓          |         |       |
| Shapes (geometry)             | ✓          |         |       |
| Transparency                  | ✓          |         |       |
| Zoom in/out                   | ✓          |         |       |
| HTML-formatted text           | ✓          |         |       |
| Behavior - general            |            |         |       |
| Routed Events                 | ✓          |         |       |
| Command Bindings              | ✓          |         |       |
| Automatic Tooltips            | ✓          |         |       |
| Appearance - control specific |            |         |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

|                             |   |   |  |
|-----------------------------|---|---|--|
| Text alignment              | ✓ | ✓ |  |
| Behavior - control specific |   |   |  |
| Accepts Return/Tab          | ✓ | ✓ |  |
| Character casing            | ✓ | ✓ |  |
| Hide selection              | ✓ | ✓ |  |
| Multiline                   | ✓ | ✓ |  |
| Password character          | ✓ | ✓ |  |
| Word wrap                   | ✓ | ✓ |  |
| Read only                   | ✓ | ✓ |  |
| Auto-complete               | ✓ | ✓ |  |
| Scrollbars                  | ✓ | ✓ |  |
| Design-time specific        |   |   |  |
| Smart tags                  | ✓ |   |  |
| RadElement Tree Editor      | ✓ |   |  |
| Run-time specific           |   |   |  |
| Supports tab order          | ✓ | ✓ |  |
| RadElement Control Spy      | ✓ |   |  |

## RadTrackBar vs. WinForms TrackBar

| Feature              | RadTrackBar | TrackBar | Notes |
|----------------------|-------------|----------|-------|
| Appearance - general |             |          |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                              | RadTrackBar | TrackBar | Notes                                                      |
|--------------------------------------|-------------|----------|------------------------------------------------------------|
| Theming (styling)                    | ✓           |          |                                                            |
| Theme Builder                        | ✓           |          |                                                            |
| RadElement Tree Editor               | ✓           |          |                                                            |
| Animations                           | ✓           |          |                                                            |
| Shapes (geometry)                    | ✓           |          |                                                            |
| Transparency                         | ✓           |          |                                                            |
| Zoom in/out                          | ✓           |          |                                                            |
| HTML-formatted text                  | ✓           |          |                                                            |
| <b>Behavior - general</b>            |             |          |                                                            |
| Routed Events                        | ✓           |          |                                                            |
| Command Bindings                     | ✓           |          |                                                            |
| Automatic Tooltips                   | ✓           |          |                                                            |
| <b>Appearance - control specific</b> |             |          |                                                            |
| Fit tracker to size                  | ✓           |          | Forces the tracker thumb to occupy available width/height. |
| Hide/Show track area                 | ✓           |          | Controls track area visibility.                            |
| Thumb width                          | ✓           |          |                                                            |
| Tick style                           | ✓           | ✓        |                                                            |
| Tick frequency                       | ✓           | ✓        |                                                            |
| Orientation                          | ✓           | ✓        |                                                            |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                | RadTrackBar | TrackBar | Notes |
|------------------------|-------------|----------|-------|
| Right-to-left support  | ✓           |          |       |
| Design-time specific   |             |          |       |
| Smart tags             | ✓           |          |       |
| RadElement Tree Editor | ✓           |          |       |
| Run-time specific      |             |          |       |
| Supports tab order     | ✓           | ✓        |       |
| RadElement Control Spy | ✓           |          |       |
|                        |             |          |       |

## RadTreeView vs. WinForms TreeView

| Feature                | Rad TreeView | TreeView | Notes |
|------------------------|--------------|----------|-------|
| Appearance - general   |              |          |       |
| Theming (styling)      | ✓            |          |       |
| Theme Builder          | ✓            |          |       |
| RadElement Tree Editor | ✓            |          |       |
| Animations             | ✓            |          |       |
| Shapes (geometry)      | ✓            |          |       |
| Transparency           | ✓            |          |       |
| Zoom in/out            | ✓            |          |       |
| HTML-formatted text    | ✓            |          |       |
| Behavior - general     |              |          |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                          | Rad TreeView | TreeView | Notes                                                             |
|----------------------------------|--------------|----------|-------------------------------------------------------------------|
| Routed Events                    | ✓            |          |                                                                   |
| Command Bindings                 | ✓            |          |                                                                   |
| Automatic Tooltips               | ✓            |          |                                                                   |
| Appearance - control specific    |              |          |                                                                   |
| Expand-collapse animations       | ✓            |          |                                                                   |
| Line color/style                 | ✓            | ✓        |                                                                   |
| Show plus/minus                  | ✓            | ✓        |                                                                   |
| Node indent                      | ✓            | ✓        |                                                                   |
| Drag-and-drop feedback           | ✓            |          |                                                                   |
| Nodes                            |              |          |                                                                   |
| Individual styling               | ✓            | ✓        | RadTreeView provides many more customization features.            |
| Image support per node basis     | ✓            | ✓        |                                                                   |
| Internal drag-and-drop           | ✓            |          | Drag-and-drop among the nodes in a RadTreeView.                   |
| In-place edit                    | ✓            | ✓        |                                                                   |
| Drag-and-drop between tree-views | ✓            |          | Allows for drag-and-drop between different RadTreeView instances. |





# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                     | Rad TreeView | TreeView | Notes                                                                                |
|-----------------------------|--------------|----------|--------------------------------------------------------------------------------------|
| Auto-check tree hierarchy   | ✓            |          | Supports automatic CheckState update per node upon change at any level of hierarchy. |
| Drag-and-drop auto-scroll   | ✓            | ✓        |                                                                                      |
| Checkboxes                  | ✓            | ✓        |                                                                                      |
| Three-state checkboxes      | ✓            |          | Supports the Indeterminate state per node basis.                                     |
| Full-row select             | ✓            | ✓        |                                                                                      |
| Item height for all nodes   | ✓            | ✓        |                                                                                      |
| Item height per node basis  | ✓            |          |                                                                                      |
| Right-to-left support       | ✓            |          |                                                                                      |
| Data-binding                |              |          |                                                                                      |
| Data-bound mode             | ✓            |          | .NET Tree-view does not support native data-binding.                                 |
| Unbound mode                | ✓            | ✓        |                                                                                      |
| Behavior - control specific |              |          |                                                                                      |
| Built-in context menu       | ✓            |          |                                                                                      |
| Persistency                 | ✓            |          | Entire tree data may be serialized/loaded to XML.                                    |
| Multiple selection          | ✓            |          |                                                                                      |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                       | Rad TreeView | TreeView | Notes                                              |
|-------------------------------|--------------|----------|----------------------------------------------------|
| Load on demand                | ✓            |          | Allows for dynamically added nodes upon expanding. |
| Complete keyboard navigation  | ✓            | ✓        |                                                    |
| Sorting                       | ✓            | ✓        |                                                    |
| Filtering                     | ✓            |          |                                                    |
| Searching                     | ✓            |          |                                                    |
| Design-time specific          |              |          |                                                    |
| Smart tags                    | ✓            |          |                                                    |
| RadElement Tree Editor        | ✓            |          |                                                    |
| Stand-alone node scene editor | ✓            | ✓        |                                                    |
| Run-time specific             |              |          |                                                    |
| Supports tab order            | ✓            | ✓        |                                                    |
| RadElement Control Spy        | ✓            |          |                                                    |

## RadVScrollBar vs. WinForms VScrollBar

| Feature              | Rad VScroll-Bar | VScrollBar | Notes |
|----------------------|-----------------|------------|-------|
| Appearance - general |                 |            |       |
| Theming (styling)    | ✓               |            |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                       | Rad VScroll-Bar | VScrollBar | Notes |
|-------------------------------|-----------------|------------|-------|
| Theme Builder                 | ✓               |            |       |
| RadElement Tree Editor        | ✓               |            |       |
| Animations                    | ✓               |            |       |
| Shapes (geometry)             | ✓               |            |       |
| Transparency                  | ✓               |            |       |
| Zoom in/out                   | ✓               |            |       |
| HTML-formatted text           | ✓               |            |       |
| Behavior - general            |                 |            |       |
| Routed Events                 | ✓               |            |       |
| Command Bindings              | ✓               |            |       |
| Automatic Tooltips            | ✓               |            |       |
| Appearance - control specific |                 |            |       |
| Minimum thumb length          | ✓               |            |       |
| Thumb length proportion       | ✓               |            |       |
| Behavior - control specific   |                 |            |       |
| Minimum                       | ✓               | ✓          |       |
| Maximum                       | ✓               | ✓          |       |
| Small change                  | ✓               | ✓          |       |
| Large change                  | ✓               | ✓          |       |
| Design-time specific          |                 |            |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                | Rad VScroll-Bar | VScrollBar | Notes |
|------------------------|-----------------|------------|-------|
| Smart tags             | ✓               |            |       |
| RadElement Tree Editor | ✓               |            |       |
| Run-time specific      |                 |            |       |
| Supports tab order     | ✓               | ✓          |       |
| RadElement Control Spy | ✓               |            |       |
|                        |                 |            |       |

## RadWaitingBar vs. WinForms WaitingBar

| Feature                | Rad Waiting-Bar | WaitingBar | Notes |
|------------------------|-----------------|------------|-------|
| Appearance - general   |                 |            |       |
| Theming (styling)      | ✓               |            |       |
| Theme Builder          | ✓               |            |       |
| RadElement Tree Editor | ✓               |            |       |
| Animations             | ✓               |            |       |
| Shapes (geometry)      | ✓               |            |       |
| Transparency           | ✓               |            |       |
| Zoom in/out            | ✓               |            |       |
| HTML-formatted text    | ✓               |            |       |
| Behavior - general     |                 |            |       |
| Routed Events          | ✓               |            |       |



# RadControls

FOR WIN FORMS



# Standard WinForms Controls

| Feature                       | Rad Waiting-Bar | WaitingBar | Notes |
|-------------------------------|-----------------|------------|-------|
| Command Bindings              | ✓               |            |       |
| Automatic Tooltips            | ✓               |            |       |
| Appearance - control specific |                 |            |       |
| Orientation                   | ✓               | ✓          |       |
| Waiting width                 | ✓               |            |       |
| Behavior - control specific   |                 |            |       |
| Waiting step                  | ✓               |            |       |
| Waiting speed                 | ✓               | ✓          |       |
| Begin/End waiting             | ✓               |            |       |
| Design-time specific          |                 |            |       |
| Smart tags                    | ✓               |            |       |
| RadElement Tree Editor        | ✓               |            |       |
| Run-time specific             |                 |            |       |
| Supports tab order            | ✓               | ✓          |       |
| RadElement Control Spy        | ✓               |            |       |