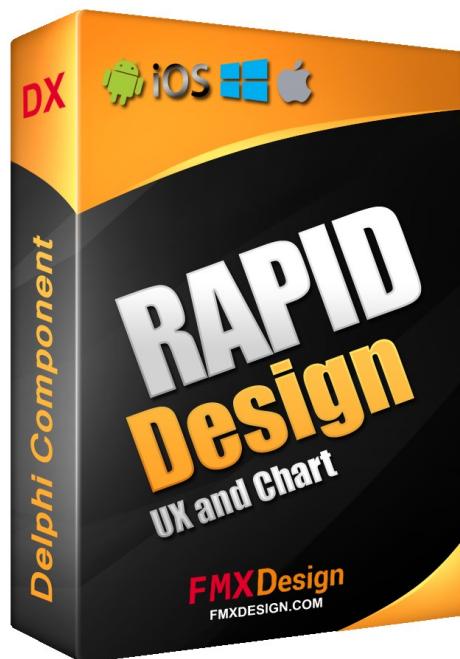


Rapid Design Component for Firemonkey Developers Guide

v1.1 / 2018-01-22



FMXDesign

<http://www.fmxdesign.com>

Installation Guide

1. Create a folder to store the components and unzip the zip file.
2. Run Delphi
3. Click IDE Menu : **Component > Install Packages > Add.** (Ref. Screenshot #1)
4. Select the folder for your IDE version and add the three [*.bpl] files.
<YourFolder>\<IDE version>\RDesignChart\Windows\RDesignChart.bpl
<YourFolder>\<IDE version>\RDesignUx\Windows\RDesignUX.bpl
<YourFolder>\<IDE version>\RDesignUx\Windows\CERDesignUX.bpl
* **RDesignUX.bpl** should be installed prior to **CERDesignUX.bpl**.
5. Click IDE Menu : **Tools > Options > Environment Option > Delphi Options > Library > Selected Platform** and add directories to **Library path.** (Ref. Screenshot #2)

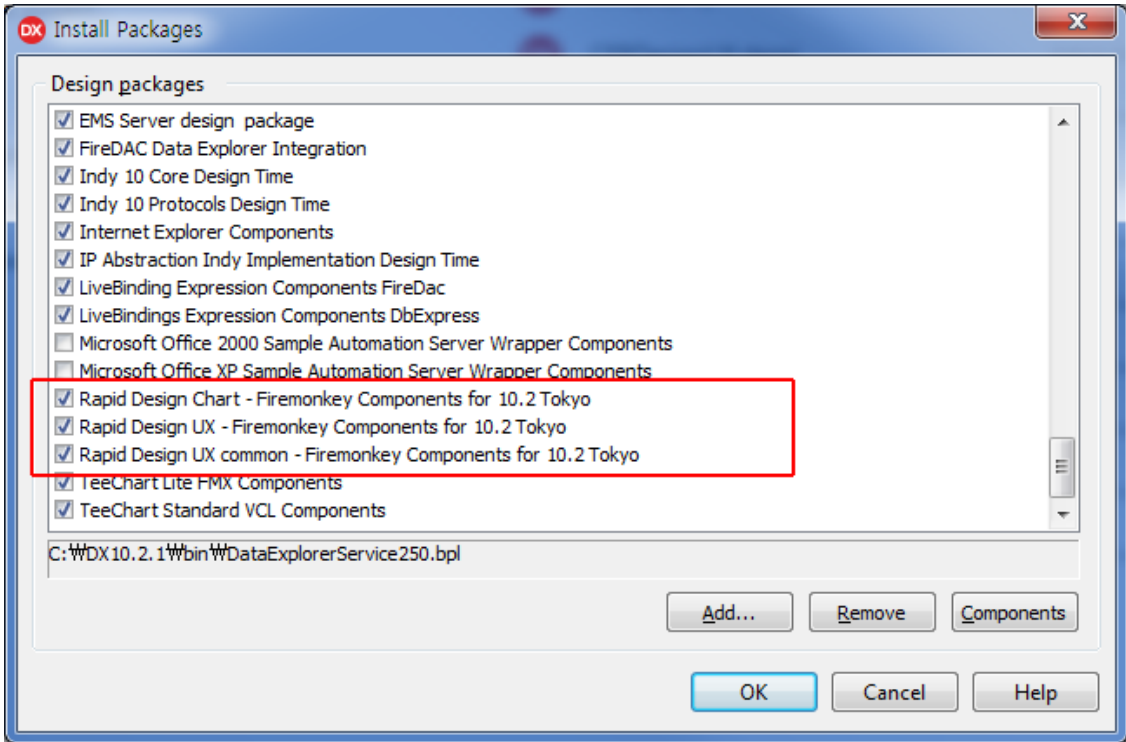
	Platform	Library path
RapidDesignUX	Windows	<i><YourFolder>\<IDE version>\RDesignUx\Windows</i>
	Android	<i><YourFolder>\<IDE version>\RDesignUx\ Android</i>
	iOS32	<i><YourFolder>\<IDE version>\RDesignUx\ iOSDevice32</i>
	iOS64	<i><YourFolder>\<IDE version>\RDesignUx\ iOSDevice64</i>
	OSX	<i><YourFolder>\<IDE version>\RDesignUx\ OSX32</i>

	Platform	Library path
RapidDesignChart	Windows	<i><YourFolder>\<IDE version>\ RDesignChart\Windows</i>
	Android	<i><YourFolder>\<IDE version>\ RDesignChart\ Android</i>
	iOS32	<i><YourFolder>\<IDE version>\ RDesignChart\iOSDevice32</i>
	iOS64	<i><YourFolder>\<IDE version>\ RDesignChart\iOSDevice64</i>
	OSX	<i><YourFolder>\<IDE version>\ RDesignChart\OSX32</i>

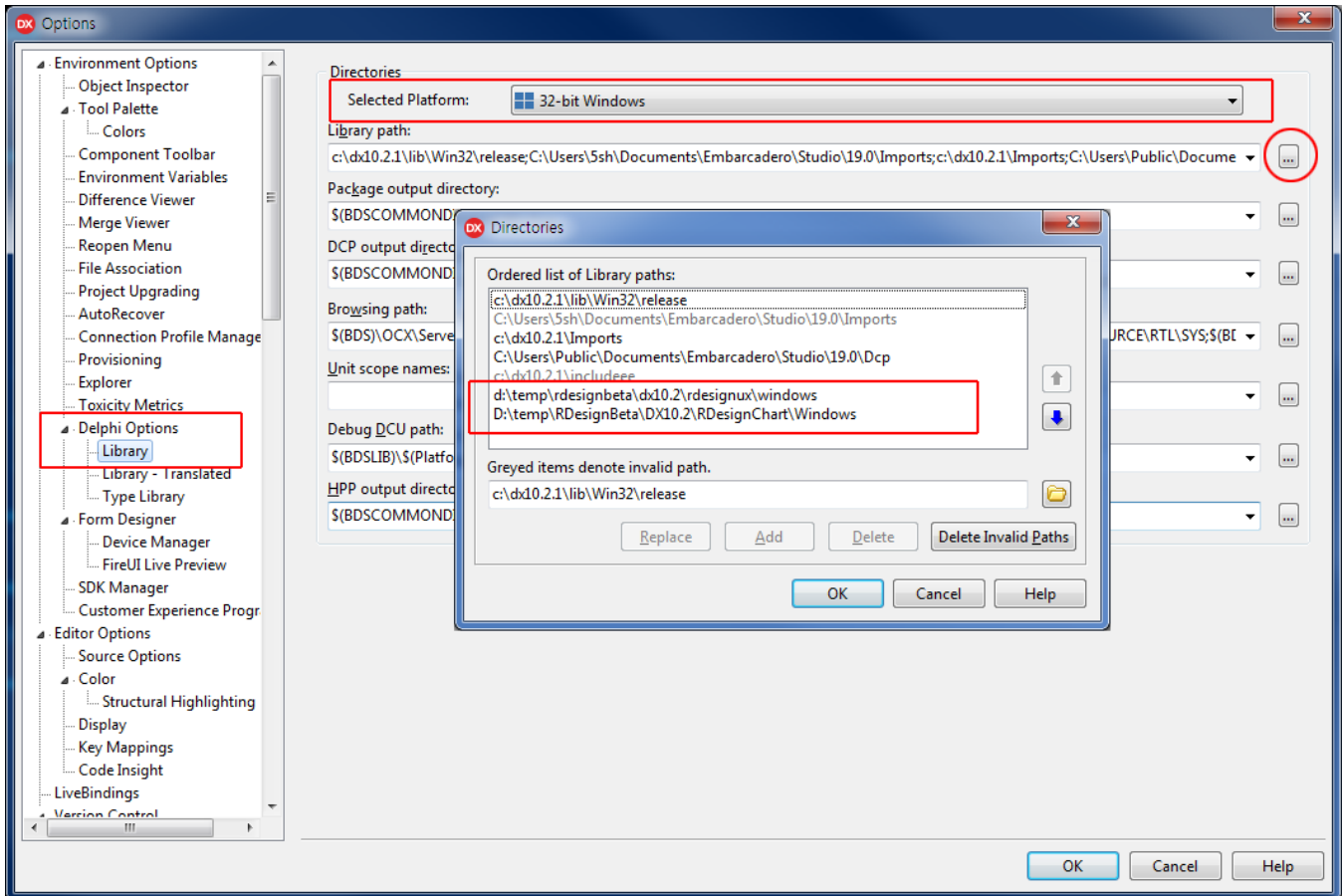
* **ios32** should also be added for the **ios64** build.

6. Check the IDE **Tool Palette.** (Ref. Screenshot #3 and #4)

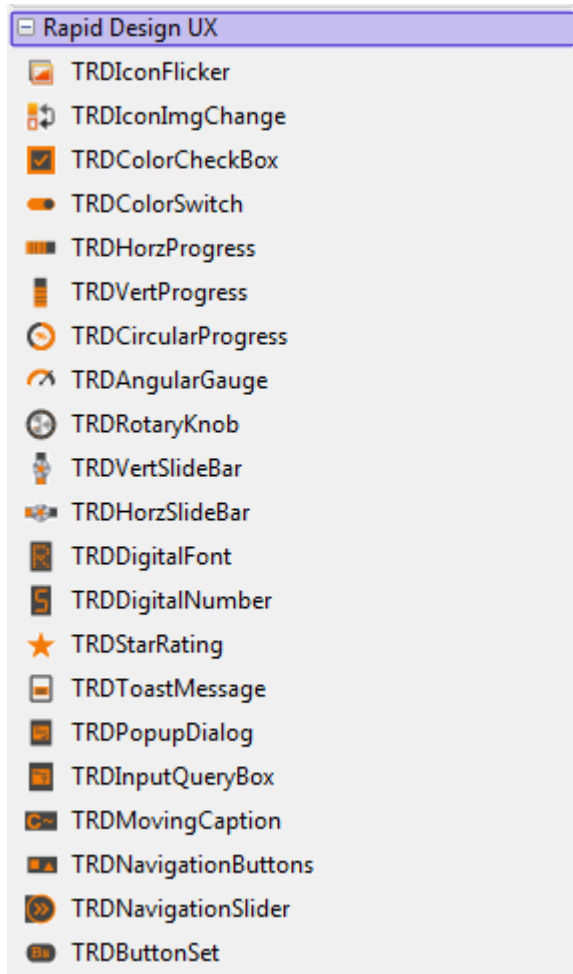
Installation Screenshot



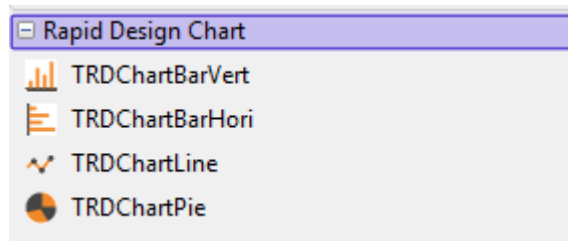
<Screenshot #1>



<Screenshot #2>



<Screenshot #3>

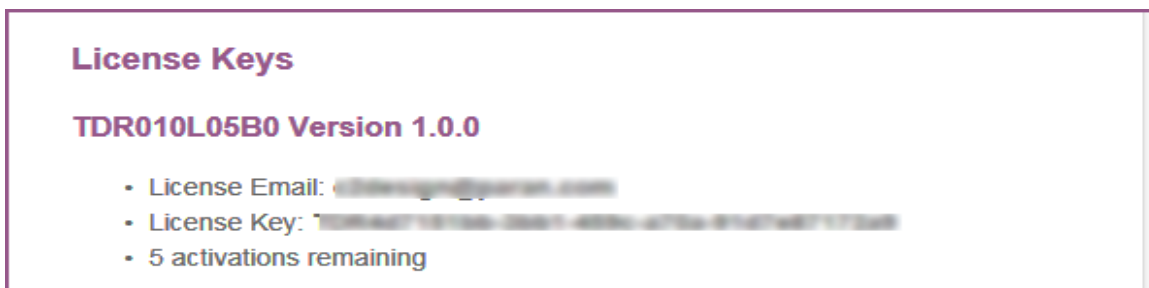


<Screenshot #4>

License Register Guide

(This License Register Guide is not required for trial or free products users.)

1. Unzip the **LicenseManager.zip** file from your Rapid Design folder.
2. Run **FDLicenseManager.exe**
3. You can find the License key from your FMX Design order complete email.





- Activation count means your granted user's number.
4. Select and Ctrl-C your License key.
 5. In **FDLicenseManager.exe** input your email and Ctrl-V your License key.
 6. Click [[License Register](#)] button.
If your key is valid you can see the *"Successfully License has been activated in this system!"* message and License Register is completed.





- In the case of a multi-user product, the same license key is used and register separately on each user system by ***FDLicenseManager.exe***.
- Before running ***FDLicenseManager.exe***, your system should be connected internet. But in delphi, Rapid Design component is not need to connect internet.
- If you want to move Rapid Design component to another system, unregister by click [\[Delete License\]](#) button. And run ***FDLicenseManager.exe*** in another system and register again.
- If you build and run the Rapid Design component in delphi without registering the license, you will see the following message : *“This is a Unregistered of Rapid Design. If you have the License key of this, register it as License Manager.”*
- Therefore, be sure to register the license before using the Rapid Design component so that the registration message does not appear.
- If you have any problems registering your license, please contact FMXDesign.com at any time.


Rapid Design UX


TRDIconFlicker		Property
	<ul style="list-style-type: none"> # Button with a touch effect applied to the selected image. # Touch blink time adjustment. # Text can be placed on the top or bottom or right. # Automatic resizing based on TextFont size. # Applying user action to OnFlickerFinish event. 	<ul style="list-style-type: none"> <i>BitmapIcon</i> <i>Duration</i> <i>TextPosition</i> <i>TextFont.Size</i>


TRDIconImageChange		Property
	<ul style="list-style-type: none"> # Two images are applied to the OnMouseDown and OnMouseUp events, respectively. # Text can be placed on the top or bottom or right. # Automatic resizing based on TextFont size. # Applying User Action to OnMouseDown and OnMouseUp event. 	<ul style="list-style-type: none"> <i>BitmapIcon,</i> <i>BitmapIconTouch</i> <i>TextPosition</i> <i>TextFont.Size</i>


TRDColorCheckBox		Property
	<ul style="list-style-type: none"> # The size of the box can be freely resized. # Check icon and background colors can be set. # The thickness of the check icon and border can be freely resized. # Border visible can be set. # Two types of Circle and Rectangle. # Use OnChange event 	<ul style="list-style-type: none"> <i>Height, Width</i> <i>ColorCheck, ColorBackground</i> <i>ThicknessCheck,</i> <i>ThicknessBorder</i> <i>BorderVisible</i> <i>ShapeType</i>

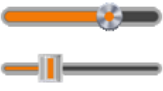
TRDColorSwitch		Property
	<ul style="list-style-type: none"> # The size of the switch can be freely resized. # On/Off switch and background colors can be set. # Two types of Circle and Rectangle. # Three types of Switch Mode # Use OnChange event 	<ul style="list-style-type: none"> <i>Width, Height</i> <i>ColorON, ColorOFF, ColorSwitch</i> <i>ShapeType</i> <i>SwitchMode</i>


TRDHorzProgress / TRDVertProgress		Property
	<ul style="list-style-type: none"> # Can be freely resized without restrictions. # Value Bar and background colors can be set. # Apply gradient and image to Value Bar # Setting splitter Interval and Visible. # Two types of Rectangle and Triangle. 	<ul style="list-style-type: none"> <i>Width, Height</i> <i>ColorFill, ColorRange</i> <i>Color.Kind</i> <i>SplitterDistance, SplitterVisible</i> <i>ShapeType</i>


TRDCircularProgress		Property
	<ul style="list-style-type: none"> # The thickness of the circle can be freely resized. # Value arc and background colors can be set. # Text font and size settings. # Value ranges from 0 to 100(%) # Check icon is displayed when value is 100. 	<ul style="list-style-type: none"> <i>Thickness</i> <i>ColorValue, ColorBackground,</i> <i>ColorRange</i> <i>TextFont</i>


TRDAngularGauge		Property
	<ul style="list-style-type: none"> # The thickness of the arc can be freely resized. # Angle setting range of arc is freely set between 20 ~ 360 degrees. # Value arc and background colors can be set. # Needle color and visible can be set. # Text font and size and visible settings. # Min/Max range of value 	<ul style="list-style-type: none"> <i>Thickness,</i> <i>RangeAngle</i> <i>ColorValue, ColorBackground,</i> <i>ColorRange</i> <i>ColorNeedle, NeedleVisible</i> <i>TextFont, TextVisible</i> <i>ValueMin, ValueMax</i>




TRDRotaryKnob		Property
	<ul style="list-style-type: none"> # The size of the circle can be freely resized. # Division and background colors can be set. # Division base and round colors can be set. # Rotated by the division angle. # Value ranges from 0 to 100(%) # Two knob types of silver and black. # Use OnChange event 	<ul style="list-style-type: none"> <i>Height, Width</i> <i>ColorDivision, ColorBackground</i> <i>ColorDivisionBase, ColorRound</i> <i>Division</i> <i>Value</i> <i>KnobTyp</i>


TRDHorzSlideBar / TRDVertSliderBar		Property
	<ul style="list-style-type: none"> # Slide and range colors can be set. # Three types of thickness. # Three types of knob. # Set movement range by frequency # Read only can be set. # Use OnChange event 	<ul style="list-style-type: none"> <i>ColorValue, ColorRange.</i> <i>ThicknessType</i> <i>KnobType</i> <i>Frequency</i> <i>IsReadOnI</i>


TRDDigitalFont		Property
	<ul style="list-style-type: none"> # Display alphabet letters, numbers and special characters (A~Z, 0~9, - % ; : . ,) # Margin can be set. # Font and background colors can be set. 	<ul style="list-style-type: none"> <i>DigitalChar</i> <i>MarginRate</i> <i>ColorFont, ColorBackground</i>


TRDDigitalNumber		Property
	<ul style="list-style-type: none"> # Display numbers and special characters (0~9, - : .) # Font and background colors can be set. 	<ul style="list-style-type: none"> <i>Number</i> <i>ColorNumber, ColorBackground</i>


TRDStarRating		Property
	<ul style="list-style-type: none"> # The size can be freely resized. # Star colors can be set. # Value ranges from 0 to 5 # Use OnStarChange event 	<ul style="list-style-type: none"> <i>Height, Width</i> <i>ColorStar</i> <i>Value</i>

TRDToastMessage		<i>Property</i>
	<p># Drop this component on the Main Form of your app. (The parent of this component must be the TForm.) # Automatically scaled to fit the screen size. # Text color and background colors can be set. # Shadow visible can be set.</p> <p># Use ShowToastMessage(<i>Msg:string; ShowTime:single = 3.0; MarginBottom:single = 100</i>); # If the ShowTime and MarginBottom parameters are omitted, the default values of 3 seconds and 100 are used. # Use CloseToast() : Immediately close regardless of the <i>ShowTime</i> value</p>	<p><i>ColorMessage, ColorBackground Shadow</i></p>
TRDPopupDialog		<i>Property</i>
	<p># Drop this component on the Main Form of your app. (The parent of this component must be the TForm.) # Automatically scaled to fit the screen size. # Message and background colors can be set. # Text button color can be set. # Shadow visible can be set. # Popup dialog background can be blurred in 3 steps.</p> <p># Use ShowPopupDialog(<i>Title, Msg:string; LeftTextButton:string = 'Cancel'; RightTextButton:string = 'Apply'</i>); # If the LeftTextButton and RightTextButton parameters are omitted, the default string of 'Cancel' and 'Apply' are used. # Use OnLeftTextButtonClick and OnRightTextButtonClick event</p>	<p><i>ColorMessage, ColorBackground ColorTextButton. Shadow BackgroundBlur</i></p>
TRDInputQueryBox		<i>Property</i>
	<p># Drop this component on the Main Form of your app. (The parent of this component must be the TForm.) # Automatically scaled to fit the screen size. # Message and background colors can be set. # Text button color can be set. # Shadow visible can be set. # Popup dialog background can be blurred in 3 steps. # TEdit properties such as password and prompt can be used in Input Edit.</p> <p># Use ShowQueryBox(<i>InputLabel :string</i>); # Use OnApplyButtonClick and OnCancelButtonClick event. # The string entered by the user is stored in InputString.</p>	<p><i>ColorMessage, ColorBackground ColorTextButton Shadow BackgroundBlur EditPassword, EditTextPrompt..etc.</i></p>

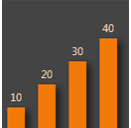
TRDMovingCaption		Property
	<ul style="list-style-type: none"> # Caption background and Text colors can be set. # Text font and size settings. # Enter the caption on Text # The caption moving speed can be set. # Repeat playback is possible. # Set IsStart to True for moving caption. 	<ul style="list-style-type: none"> <i>BackgroundColor, TextColor</i> <i>TextFont</i> <i>Text</i> <i>Velocity.</i> <i>Loop</i> <i>IsStar</i>

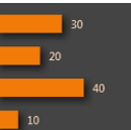
TRDNavigationButtons		Property
	<ul style="list-style-type: none"> # Add images in the right-click menu or double-click component. # Button icons automatically created by the number of selected images. # Button Text and background colors can be set. # Text of each button can be specified separately. # Use OnImageButtonClick event. # Click Button number is stored in ClickIndex. 	<ul style="list-style-type: none"> <i>ColorButtonText, ColorBackground</i> <i>ButtonText</i> <i>ClickIndex</i>


TRDNavigationSlider		Property
	<ul style="list-style-type: none"> # Add images in the right-click menu or double-click component. # Button icons automatically created by the number of selected images. # Button Text and background colors can be set. # Text of each button can be specified separately. # Button text visible can be set. # Background opacity can be set. # Circle button color can be set. # Use OnImageButtonClick event. # Click Button number is stored in ClickIndex 	<ul style="list-style-type: none"> <i>ColorButtonText, ColorBackground</i> <i>ButtonText</i> <i>TextVisible</i> <i>BackgroundOpacity</i> <i>ColorShowCircle</i>

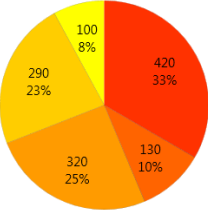
TRDButtonSet		Property
	<ul style="list-style-type: none"> # Buttons automatically created by the input number of button. # Button space can be set. # Text and Button colors can be set. # Round of left and right buttons on both ends can be set. # The size can be freely resized. # Text font and size settings. # Use OnButtonSetClick event. # Click Button number is stored in ClickIndex 	<ul style="list-style-type: none"> <i>ButtonNo</i> <i>ButtonSpace</i> <i>ColorButton, ColorButtonText</i> <i>IsRounded</i> <i>Width, Height</i> <i>TextFont</i>

Rapid Design Chart

TRDChartBarVert		Property
	<ul style="list-style-type: none"> # The graph spacing is automatically set according to the number of data. # Graph maximum range can be specified. # Graph start position(x,y) can be set. # Bar width and color can be set. # Bar shadow can be set. # The background may be selected as color or gradient or image. # Background opacity can be used to create multiple chart layers. # Background stroke can be set. # Text color, font and visible can be set. 	<ul style="list-style-type: none"> <i>Lines</i> <i>MaxHeight</i> <i>StartX, StartY</i> <i>BarWidth, BarColor</i> <i>Shadow</i> <i>BackgroundFill</i> <i>BackgroundOpacity</i> <i>BackgroundStroke</i> <i>TextColor, TextFont, TextVisible</i>

TRDChartBarHori		Property
	<ul style="list-style-type: none"> # The graph spacing is automatically set according to the number of data. # Graph maximum range can be specified. # Graph start position(x,y) can be set. # Bar width and color can be set. # Bar shadow can be set. # The background may be selected as color or gradient or image. # Background opacity can be used to create multiple chart layers. # Background stroke can be set. # Text color, font and visible can be set. 	<ul style="list-style-type: none"> <i>Lines</i> <i>MaxWidth</i> <i>StartX, StartY</i> <i>BarWidth, BarColor</i> <i>Shadow</i> <i>BackgroundFill</i> <i>BackgroundOpacity</i> <i>BackgroundStroke</i> <i>TextColor, TextFont, TextVisible</i>

TRDChartLine		Property
	<ul style="list-style-type: none"> # The graph spacing is automatically set according to the number of data. # Graph maximum range can be specified. # Graph start position(x,y) can be set. # Line thickness and color can be set. # Line shadow can be set. # Circle color and diameter settings. # Circle range width setting. # The background may be selected as color or gradient or image. # Background opacity can be used to create multiple chart layers. # Background stroke can be set. # Text color, font and visible can be set. 	<ul style="list-style-type: none"> <i>Lines</i> <i>MaxHeight</i> <i>StartX, StartY</i> <i>LineThickness, LineColor</i> <i>Shadow</i> <i>CircleColor, CircleDiameter</i> <i>RangeWidth</i> <i>BackgroundFill</i> <i>BackgroundOpacity</i> <i>BackgroundStroke</i> <i>TextColor, TextFont, TextVisible</i>

TRDChartPie		Property
	<p># Chart color is automatically set according to the number of data. (There are seven kinds of color.) # Three types of text items can be selectable. (Value, Comment, Percentage(%)) # Data and comments are separated by '#'. ex) 100#Comment # Text color and font can be set. # Chart shadow setting.</p>	<p><i>ColorType</i></p> <p><i>TextItems</i></p> <p><i>Lines</i></p> <p><i>TextColor, TextFont</i> <i>Shadow</i></p>