



RapidBuilder v6.0 Deluxe Exporting to XML Format

Introduction

This document details the RapidBuilder v6.0 Deluxe features that are supported and not supported when exported to XML format, which is a standard, common, and consistent file format for sharing and accessing information over the Internet. XML-based simulations play over the web without the requirement of loading a separate plug-in.

Supported and Unsupported Features in XML

Many features available in RapidBuilder can be exported successfully to XML format. However, due to XML limitations, not all RapidBuilder features are supported when creating XML-based simulations.

The following table outlines the RapidBuilder v6.0 Deluxe features that are currently supported and not supported in XML:

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
Captured Frames RapidBuilder can capture the desktop in three (3) different ways: <ol style="list-style-type: none">1. Capture Entire Desktop2. Capture Selected Screen Area3. Capture Active Window On Mouse Click	All of these options are supported when exporting to XML.	None.

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
<p>Supported Screen Resolutions</p> <ul style="list-style-type: none"> • 640 x 480 • 800 x 600 • 1024 x 768 <p>Color Settings</p> <ul style="list-style-type: none"> • 256 colors (8 bits per pixel) • 65,000 colors (16 bits per pixel) • 16,000,000 colors (24 bits per pixel) 	<p>XML supports the same resolutions and color settings.</p>	<p>None.</p>
<p>Edit Objects</p>	<p>The following RapidBuilder Edit Objects are supported in XML:</p> <ul style="list-style-type: none"> • Instruction Box • Text Field • Rotated Text Field • Image • Animated GIF • Validation Field • Login Field 	<p>The following RapidBuilder Edit Objects are not supported in XML:</p> <ul style="list-style-type: none"> • Video Stage • Flash Stage • Mouse Plot • Terminal Object • Menu Builder • Highlighter • Drag and Drop • Combo Box • Sound Track Selector
<p>“Instruction Box” Edit object</p>	<p>Instruction Box Properties supported in XML:</p> <ul style="list-style-type: none"> • Left • Top • Height • Width • Scrolling 	<p>Instruction Box Properties not supported in XML:</p> <ul style="list-style-type: none"> • Line Space • Tab Space • Baselines • Inline Graphics • Spread Over Frames • Record Field

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	<ul style="list-style-type: none"> • Back Color • Title Bar • Title Bar Icon • Title Bar Fore Color • Title Bar Background Color • Caption Text • Margin Settings • Global • Global ID <p>Right-click menu options supported in XML:</p> <ul style="list-style-type: none"> • Font • Color • Bullets • Align (Left, Right, and Center) • Set, Modify, Clear Hotword/Hyperlink 	<ul style="list-style-type: none"> • Text to Speech (including “State”, “Automatic Controls”, “On Demand Controls”, “Automatic and On Demand Controls”, and “Speech Settings”)
<p>“Text Field” Edit object</p>	<p>Text Field Properties supported in XML:</p> <ul style="list-style-type: none"> • Left • Top • Height • Width • Attribute • Transparent • Scrolling • Back Color • Text File • Global • Global ID • Margin Settings 	<p>Text Field Properties not supported in XML:</p> <ul style="list-style-type: none"> • Text Field Call-Outs • Line Space • Tab Space • Baselines • Inline Graphics • Paragraph Number • Record Field • Slide-out • Effects • Speed

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	Right-click menu options supported in XML: <ul style="list-style-type: none"> • Font • Color • Bullets • Align (Left, Right, and Center) • Set, Modify, Clear Hotword/Hyperlink 	<ul style="list-style-type: none"> • Text to Speech (including “State”, “Automatic Controls”, “On Demand Controls”, “Automatic and On Demand Controls”, and “Speech Settings”)
“Rotated Text Field” Edit object	Rotated Text Field Properties supported in XML: <ul style="list-style-type: none"> • Left • Top • Height • Width • Attribute • Transparent • Alignment • Font • Fore Color • Back Color • Rotation Degree • Global • Global ID 	None.
“Image” Edit object	Image Properties supported in XML: <ul style="list-style-type: none"> • Left • Top • Height • Width • Image File • Align 	Image Properties not supported in XML: <ul style="list-style-type: none"> • Slide-out

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	<ul style="list-style-type: none"> • Stretch • Rotation Degree • Set Chroma Key • Global • Global ID <p>Image actions supported in XML:</p> <ul style="list-style-type: none"> • On Left Single Click • On Left Double Click • On Right Single Click • On Right Double Click <p>Image events supported in XML:</p> <ul style="list-style-type: none"> • Validation Message • Validation Error Message 	
<p>“Animated GIF” Edit object</p>	<p>Animated GIF Properties supported in XML:</p> <ul style="list-style-type: none"> • Left • Top • Height • Width • Image File • Align • Stretch • Global • Global ID <p>Animated GIF actions supported in XML:</p> <ul style="list-style-type: none"> • On Left Single Click • On Left Double Click • On Right Single Click • On Right Double Click 	<p>Animated GIF Properties not supported in XML:</p> <ul style="list-style-type: none"> • Set Chroma Key • Slide-out

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	Animated GIF events supported in XML: <ul style="list-style-type: none"> • Validation Message • Validation Error Message 	
“Validation Field” Edit object	Validation Field Properties supported in XML: <ul style="list-style-type: none"> • Attribute (None, Rectangle, and Transparent only) • Left • Top • Height • Width • Validation String • Assign to User Variable • Character Limit • Case Sensitive • Dynamic Grow • Set as Password • Ignore Null Character • Align Text • Font • Fore Color • Back Color • Margin Settings Validation Field Events (for a specified validation action key) supported in XML: <ul style="list-style-type: none"> • Attempts/Hint Properties • Validation Message • Validation Error Message • Validation Image • Validation Frame (“Next” only) 	Validation Field Properties not supported in XML: <ul style="list-style-type: none"> • Attribute (3D, Anglebracket Bottom, Anglebracket Top) • Clear Text • Default String • Time Out Validation Field Actions not supported in XML: <ul style="list-style-type: none"> • On Auto Entry • On Focus Lost • On Exact String • On Time Out Validation Field Events not supported in XML: <ul style="list-style-type: none"> • Return to System Variable • Move to Next Field

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	<ul style="list-style-type: none"> • Play RBX/EXM File (Only if ActiveX is installed.) • Play RPE File (Only if ActiveX is installed.) 	
“Login Field” Edit object	Login Field Properties supported in XML: <ul style="list-style-type: none"> • Left • Top • Height • Width • Transparent • Font • Fore Color • Back Color • Case Sensitive • Assign to User Variable 	None.
Button Objects	The following RapidBuilder Button Objects are supported in XML: <ul style="list-style-type: none"> • Hyperlink • Progress Button 	The following RapidBuilder Button Objects are not supported in XML: <ul style="list-style-type: none"> • Radio Button • Check Box • Slider Control Object • Playback Control Button
“Hyperlink” Button object	Hyperlink Properties supported in XML: <ul style="list-style-type: none"> • Left • Top • Height • Width 	Hyperlink Properties not supported in XML: <ul style="list-style-type: none"> • Multi-Button Validation • Time Out • Not a Wait Object

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	<ul style="list-style-type: none"> • Button Style • Attribute • Transparent • Caption Text • Align Text (Left, Right, and Center only) • Font • Fore Color • Back Color • Tool Tip • Invert • Toggle • Set for Navigation Only • Global • Global ID • Animate Images • Normal Animation • Clicked Animation • Hover Animation • Enable Rollover • Rollover Color • Translucent Rollover • Reverse Rollover Colors <p>Hyperlink Actions supported in XML:</p> <ul style="list-style-type: none"> • On Left Single Click • On Right Single Click • On Left Double Click • On Right Double Click <p>Hyperlink Events supported in XML:</p> <ul style="list-style-type: none"> • Run an External File • Open URL • Validate Target 	<p>Hyperlink Actions not supported in XML:</p> <ul style="list-style-type: none"> • On Mouse Enter • On Mouse Leave • On Time Out <p>Hyperlink Events not supported in XML:</p> <ul style="list-style-type: none"> • Attempts/Hint Properties • Incorrect Feedback Options • Correct Feedback Options • Validation Sound • Validation Video • Copy Text • Clear Text • Return to System Variable

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	<ul style="list-style-type: none"> • Validation Error Message • Validation Message • Validation Image • Validation Frame • Play RBX/EXM File (Only if ActiveX is installed.) • Play RPE File (Only if ActiveX is installed.) • Exit Play (Exit Play, Exit Play Warning, and Exit Warning Message) 	
<p>“Progress Button” Button object</p>	<p>Progress Button Properties supported in XML:</p> <ul style="list-style-type: none"> • Left • Top • Height • Width • Attribute • Transparent • Caption Text • Align Text • Font • Fore Color • Back Color • Tool Tip <p>Progress Button Actions supported in XML:</p> <ul style="list-style-type: none"> • On Left Single Click <p>Progress Button Events supported in XML:</p> <ul style="list-style-type: none"> • Display Report 	<p>Progress Button Properties not supported in XML:</p> <ul style="list-style-type: none"> • Normal Image • Clicked Image • Mouse Over Image • Global • Global ID

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
Draw Objects	<p>The following RapidBuilder Draw Objects are supported in XML:</p> <ul style="list-style-type: none"> • Line • Round Rectangle • Ellipse • Rectangle • Pencil • Air Brush • Paint Brush • Polyline • Polygon 	None.
“Line” Draw object	<p>Line Properties supported in XML:</p> <ul style="list-style-type: none"> • X1 • Y1 • X2 • Y2 • Line Style (Only “Solid”) • Color • Width • Arrow • Global • Global ID 	<p>Line Properties not supported in XML:</p> <ul style="list-style-type: none"> • Line Style (all options except “Solid”) • Slide-out
“Round Rectangle” Draw object	<p>Round Rectangle Properties supported in XML:</p> <ul style="list-style-type: none"> • Left • Top • Height • Width • Border Style (Only “Solid”) • Border Color 	<p>Round Rectangle Properties not supported in XML:</p> <ul style="list-style-type: none"> • Border Style (all options except “Solid”) • Fill Pattern (all options except “Solid”) • Slide-out

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	<ul style="list-style-type: none"> • Border Width • Fill Mode • Fill Color • Fill Pattern (Only "Solid") • Global • Global ID 	
"Ellipse" Draw object	<p>Ellipse Properties supported in XML:</p> <ul style="list-style-type: none"> • Left • Top • Height • Width • Border Style (Only "Solid") • Border Color • Border Width • Fill Mode • Fill Color • Fill Pattern (only "Solid") • Global • Global ID 	<p>Ellipse Properties not supported in XML:</p> <ul style="list-style-type: none"> • Border Style (all options except "Solid") • Fill Pattern (all options except "Solid") • Slide-out
"Rectangle" Draw object	<p>Rectangle Properties supported in XML:</p> <ul style="list-style-type: none"> • Left • Top • Height • Width • Border Style (Only "Solid") • Border Color • Border Width • Fill Mode • Fill Color 	<p>Rectangle Properties not supported in XML:</p> <ul style="list-style-type: none"> • Border Style (all options except "Solid") • Fill Pattern (all options except "Solid") • Slide-out

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	<ul style="list-style-type: none"> • Fill Pattern (only “Solid”) • Global • Global ID 	
“Pencil” Draw object	Pencil Properties supported in XML: <ul style="list-style-type: none"> • Color • Global • Global ID 	Pencil Properties not supported in XML: <ul style="list-style-type: none"> • Slide-out
“Air Brush” Draw object	Air Brush Properties supported in XML: <ul style="list-style-type: none"> • Color • Global • Global ID 	Air Brush Properties not supported in XML: <ul style="list-style-type: none"> • Slide-out
“Paint Brush” Draw object	Paint Brush Properties supported in XML: <ul style="list-style-type: none"> • Color • Global • Global ID 	Paint Brush Properties not supported in XML: <ul style="list-style-type: none"> • Slide-out
“Polyline” Draw object	Polyline Properties supported in XML: <ul style="list-style-type: none"> • Color • Width • Global • Global ID 	Polyline Properties not supported in XML: <ul style="list-style-type: none"> • Slide-out
“Polygon” Draw object	Polygon Properties supported in XML: <ul style="list-style-type: none"> • Color • Width 	Polygon Properties not supported in XML: <ul style="list-style-type: none"> • Slide-out

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
	<ul style="list-style-type: none"> • Fill Mode • Fill Color • Global • Global ID 	
Captured Mouse Click Object	<p>Captured Mouse Click Properties supported in XML:</p> <ul style="list-style-type: none"> • Left • Top • Height • Width • Target Image 	<p>Captured Mouse Click Properties not supported in XML:</p> <ul style="list-style-type: none"> • Target • Mouse Over Image • Hide Target Image • Hide Mouse Over Image <p>Mouse Click Events are not supported in XML.</p>
Frame Properties	<p>Frame Properties supported in XML:</p> <ul style="list-style-type: none"> • User Action • Fore Color • Back Color • Gradient Fill • Background Image • Image Display (Center, Fit the Frame, Tile) • Frame Delay • Validation Key • Global ID 	<p>Frame Properties not supported in XML:</p> <ul style="list-style-type: none"> • Audio Name • Audio Notes • Audio File Name • Allow Audio Interruption • Default Focus • Hide and Show • System Variable • Mouse Image • Time Out • Slide-out Effects (Display Sequence, Slide-out Speed, Delay Between Slide-outs) • Frame Index • Index Name <p>Frame Actions/Events are not supported in XML.</p>

RapidBuilder v6.0 Deluxe (Feature List)	XML (Supported Features)	XML (Unsupported Features)
Global Properties	Global Properties supported in XML: <ul style="list-style-type: none"> • Access Mode (Standalone and Web) 	Global Properties not supported in XML: <ul style="list-style-type: none"> • Suppress Print Screen • Prevent Task Switching • Display Full Screen • Border Style • Window Size Horizontal • Window Size Vertical • Title Bar Style • Window Controls • System Menu Icon • System Variable • Title Bar Heading • Align Title Bar Text • Title Bar Color • User-Defined Variables • Global Objects Placement • Allow Audio Interruption • Single Sign-on • Playback Language • Title Bar Icon • Play RBX/EXM File • Play RPE File • Open URL • Run an External File