



Real-Media Painting Software

User Manual
v. 1.4



Introduction

Welcome to Rebelle!

Rebelle is a one-of-a-kind paint application that lets you create realistic wet and dry media artwork, complete with stunning real-world dynamic simulation of fluid flow, color blending, wet diffusion, and drying.

We designed Rebelle for CG artists as well as for traditional painters who want to explore and broaden their artistic repertoire, using the latest groundbreaking digital painting technology.

In this manual you'll find general information covering all necessary details you need to know for a hassle-free use of this software. We've prepared for you explanations of its features, useful hints and some technical background of Rebelle.

Thank you for purchasing Rebelle, I hope you have a great time painting!

Peter Blaškovič
Creator of Rebelle

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Getting Started

Installing and Registering Rebelle

Download & Install

After purchasing Rebelle from our website, you receive an email with a download link and registration details.

Mac OS X Users

Download a .dmg file from link provided in a registration email. Locate the Rebelle Installer file named "Rebelle.dmg". Double-click on the installer to complete the installation.

Windows Users

Download a .zip file from link provided in a registration email. Locate the Rebelle Installer file named "Rebelle.zip". Extract a .zip folder and double-click on the .exe installer to complete the installation.

Registration

Fill in your registration details provided in your registration email. Please check if you are connected to the internet, the internet connection is required for activation to check the registration details.

*TIP: We recommend to **copy & paste** your Registration Key and ID in order to avoid misspelling numbers with letters and vice versa.*

Application Launch

You'll see an Intro Tutorial during first launch of an application, or after every updating to the newer version. This tutorial will guide you through the most essential Rebelle tools. You can run an Intro Tutorial from a Menu -> Help anytime.

System Requirements

Minimum: Intel i3 or equivalent AMD, 4GB RAM, 50MB harddisk space, Open GL graphics card with 1GB RAM, Windows XP, Vista, or OS X 10.7 - on this configuration watercolor simulation may work slower, faster processor and more memory is better.

Recommended: Intel i7 or equivalent AMD, 16GB RAM, 50MB harddisk space, Open GL graphics card with 2GB RAM, Windows 7, 8 or OS X 10.9, 10.10, Wacom tablet

Getting Support for Rebelle

If you need help using Rebelle, please refer to the included manual first. We tried to make it easy to read and full of information you may need to know.

You are welcome to send us an email at support@escapemotions.com if you have any question, technical issue with Rebelle, or you would like just to greet us.

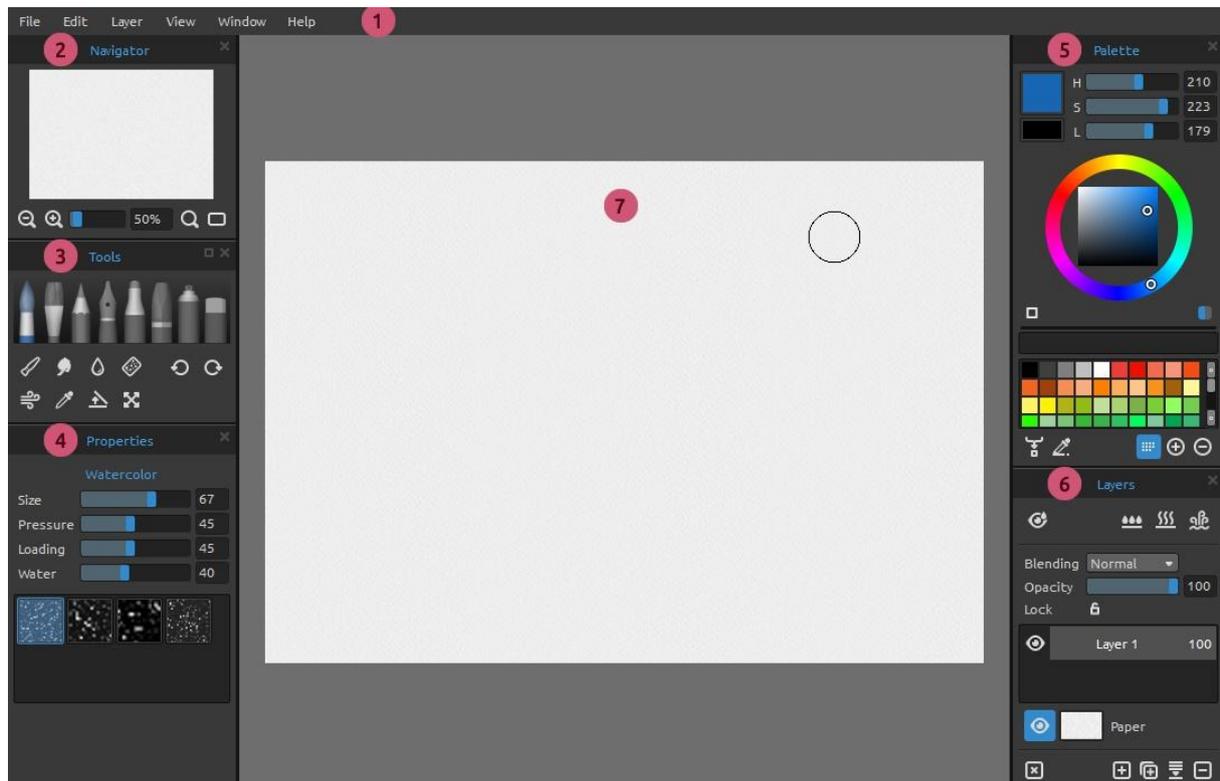
Before asking questions please read **FAQ** section on the website *rebelle.escapemotions.com* first. If the answer is not there, please add your computer configuration to your email (Windows / Mac OS, 32/64bit OS, processor, graphics card, memory). This will help us provide answers much faster.

Community

Let's keep in touch on our social channels - click on any icon and visit our pages on Facebook, Twitter, Pinterest, Google+, Tumblr, YouTube, DeviantArt and Behance.



Rebelle Interface

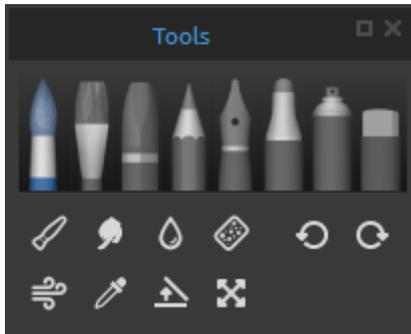


- 1 - Menu Bar
- 2 - Navigator Panel
- 3 - Tools Panel
- 4 - Properties Panel
- 5 - Palette Panel
- 6 - Layers Panel
- 7 - Canvas

This is a default Rebelle interface. You can change it according to your needs.

TIP: Navigator, Tools, Properties, Palette and Layers Panels are dockable - you can modify, change positions and adjust the width of panels.

Tools Panel



- **Brushes:** Watercolor, Acrylic, Pastel, Pencil, Ink Pen, Marker and Airbrush.
- **Eraser**
- **Tools:** Blend, Smear, Water, Dry, Blow, Pick Color, Tilt and Transform.
- **Undo / Redo**

The following picture shows the behavior of each painting technique:



▣ **Change Tools Panel Layout** - Click to change the layout of the Tools panel to horizontal or vertical.

Eraser - Select the Eraser Tool.

 **Blend** - Tool for blending colors or brushmarks together.

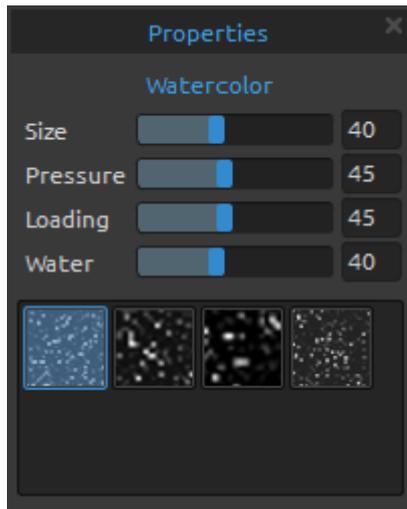
 **Smear** - Tool for smearing colors or brushmarks.

 **Water** - Select the Water Tool to wet a specific part of the canvas.

 **Dry** - Select the Dry tool to remove water from a specific part of the canvas.

-  **Blow** - Select this tool to blow the wet colors.
-  **Pick Color** - Select the Pick Color Tool to choose a color from your canvas.
-  **Tilt** - Alter the angle of the canvas to affect the movement of wet paint.
-  **Transform** - Move and resize selected layer.

-  **Undo** - Undo the last painting operation you performed.
-  **Redo** - Redo the last operation you undid.



Watercolor Tool Properties

Parameters are set by default to simulate the behavior of watercolors. For different effects, you can adjust them according to your needs:

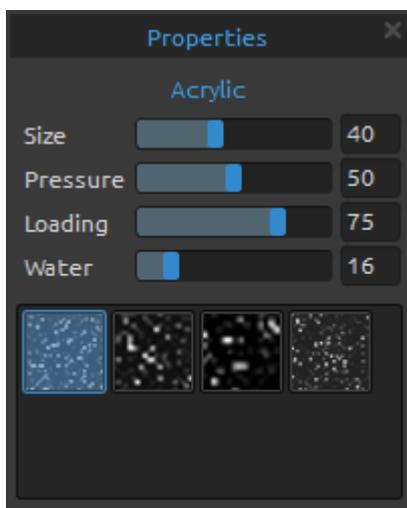
Size - Set the size of the brush (1-100).

Pressure - Set the pressure of the brush (1-100). If tablet pen pressure is used, you can set the pressure sensitivity.

Loading - Set the amount of color loaded to the brush (1-100). It influences the paint thickness.

Water - Set the amount of water (1-100). The more water, the more realistic the effect of watercolor runs, you can get.

TIP: Set "Water" to 1 to slightly wet the layer, or set "Water" to higher values to put more water to the specific part of the canvas. You don't need to use much water to get nice watercolor effects.



Acrylic Tool Properties

Acrylic color is a wet medium used mostly with flat brushes. You can adjust color parameters according to your needs:

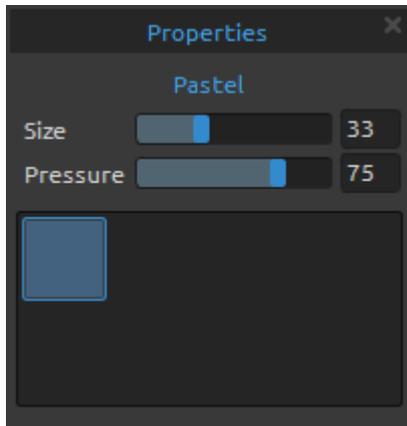
Size - Set the size of the brush (1-100).

Pressure - Set the pressure of the brush (1-100) - Influence the brushes thickness.

Loading - Set the amount of color loaded to the brush (1-100).

Water - Set the amount of water (1-100) in the color.

TIP: Set the “Pressure” and “Loading” to lower value and you’ll get a thin brush. Set both to higher values and get thicker brush with a lot of mass.

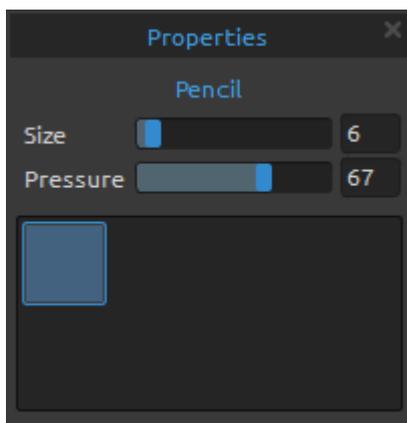


Pastel Tool Properties

Pastel is a dry art medium in the form of a stick, consisting of pure powdered pigment and a binder. You can adjust its parameters according to your needs:

Size - Set the size of the pastel (1-100).

Pressure - Set the pressure of the pastel (1-100) - It influences thickness of the pastel stroke.

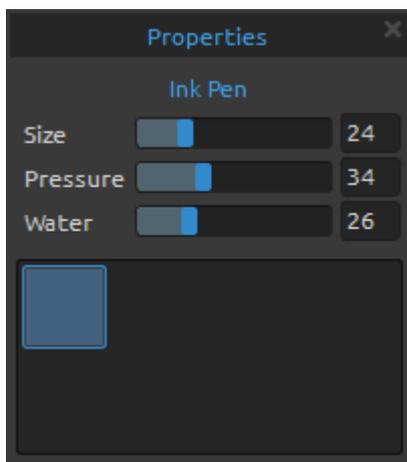


Pencil Tool Properties

Colored pencil is an art medium constructed of a narrow, pigmented core encased in a wooden cylindrical case. You can adjust its parameters according to your needs:

Size - Set the size of the pencil (1-100).

Pressure - Set the pressure of the pencil (1-100) - It influences the pencil stroke thickness.



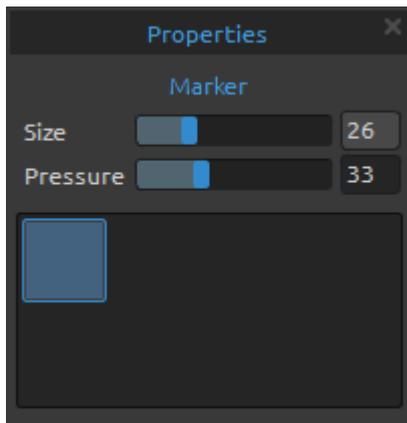
Ink Pen Tool Properties

Ink is a liquid that contains pigments or dyes. You can adjust its parameters according to your needs:

Size - Set the size of the ink pen (1-100).

Pressure - Set the thickness of the ink pen (1-100).

Water - Set the amount of water (1-100) in the color.

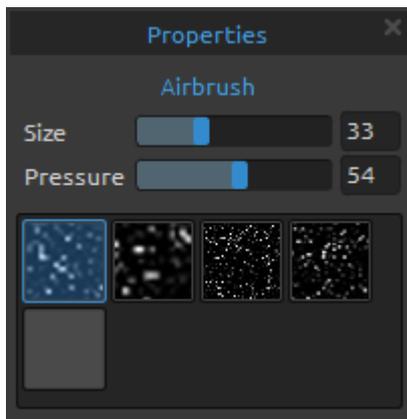


Marker Tool Properties

Marker is a pen which has its own ink-source, and usually a tip made of porous, pressed fibers such as felt. You can adjust its parameters according to your needs:

Size - Set the size of the marker (1-100).

Pressure - Set the marker stroke thickness (1-100).

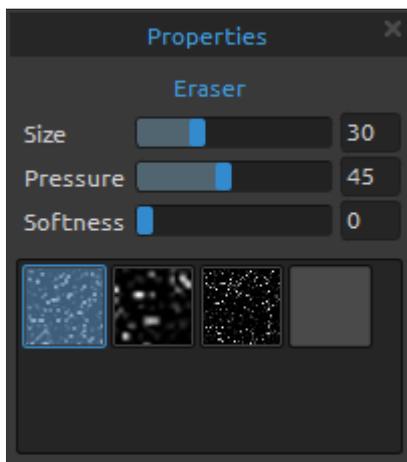


Airbrush Tool Properties

An airbrush is a small, air-operated tool that sprays various media including ink and dye. You can adjust its parameters according to your needs:

Size - Set the size of the airbrush (1-100).

Pressure - Set the pressure of the airbrush (1-100) - It influences the airbrush density.



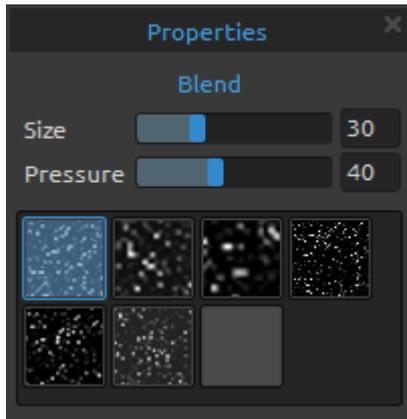
Eraser Tool Properties

Size - Select the size of the eraser.

Pressure - Select the pressure of the eraser.

Softness - Select softness. A high value makes the eraser softer, whereas a low value scratches the paper and leaves the paper structure more visible.

TIP: Set "Pressure" to the low values and eraser will lightly scratch the painting.

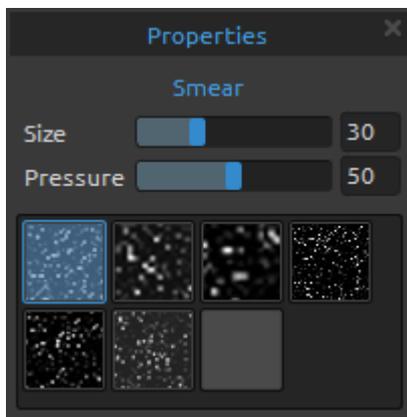


Blend Tool Properties

This tool blends the colors and brushmarks together.

Size - Select a size of a blend tool.

Pressure - Select a pressure of a blend tool.



Smear Tool Properties

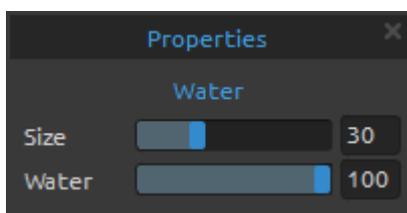
This tool smears the wet and dry parts of the painting.

Size - Select the size of the smear tool.

Pressure - Select a pressure of a smear tool.

In each of the Tool Panels you can choose various brush structures.

Note: Brush textures are accessible via menu: "Help" -> "Show Data folder", where you can paste any brush to the "Brushes" folder (brush image must be 512x512 pixels, PNG format).

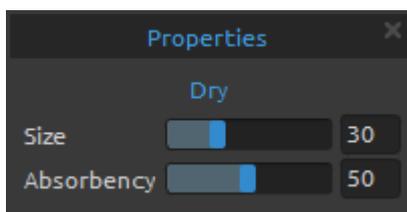


Water Tool Properties

Size - Select a size of a water brush tool.

Water - Select an amount of water.

The more water is selected, the wetter a canvas gets.

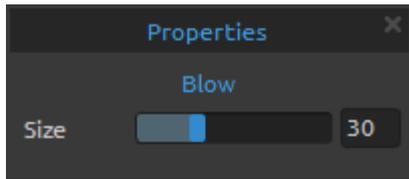


Dry Tool Properties

Size - Select a size of a dry tool.

Absorbency - Select a power of canvas absorbency.

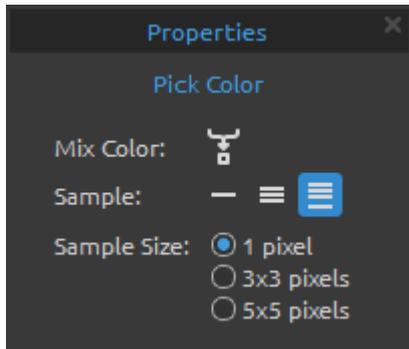
The higher the number selected, the faster the water is absorbed.



Blow Tool Properties

This tool blows a color that is wet in a direction of your stroke.

Size - Select a size of a blow tool.



Pick Color Tool Properties

Mix Color - Switch the “Mix Colors” button on or hold “X” key to mix picked color with previous color. You can set the Mix mode sensitivity in Preferences.

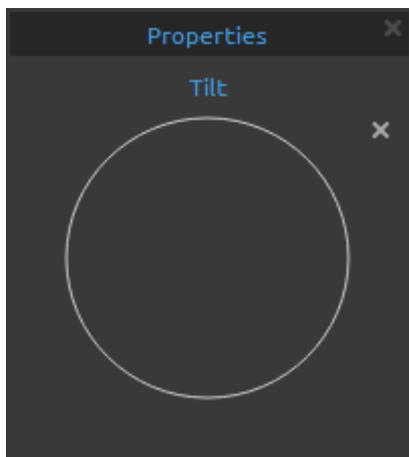
Sample:

— **Layer** - Color is picked only from an active layer.

≡ **All Layers** - Color is picked from all layers except a background paper color.

≡ **Canvas** - Color is picked from all layers including a background paper.

Sample Size - average sample size.



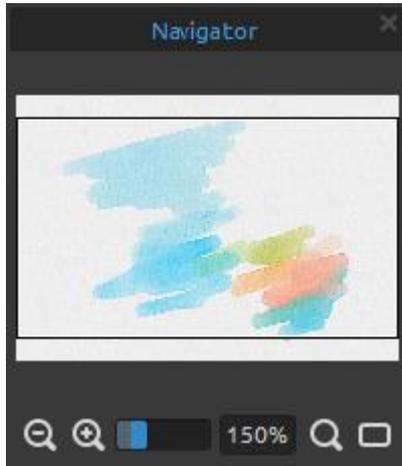
Tilt Tool Properties

Tilt Tool affects the movement of wet paint and represents a circle with a pointer, which you can move and rotate. Clicking on pointer you set a direction and angle of a canvas tilt. The longer the tilt line, the greater is the angle. You can alter a tilt also directly from the canvas.

✕ **Reset** - Click to reset a tilt.

Note: The speed of the color run off depends on the tilt of the canvas, amount of water and color on the painting.

Navigator Panel



Use the Navigator panel to quickly change the view of your artwork using a thumbnail display. The black box in the Navigator corresponds to the currently viewable area in the window.

 **Zoom Out** - Zoom out from your painting (at a minimum size of 5%).

 **Zoom In** - Zoom in on your painting (at a maximum size of 2000%).

Zoom Slider - Set the zoom using the zoom slider (1 - 2000%)

 **Reset Zoom** - Check the Zoom value here. Press the button to reset the zoom to 100%.

 **Fit to Screen** - Set the canvas to fit the screen.

Palette Panel



You can choose your brush color in Palette Panel.

Primary Color - Set the primary (most frequently used) color.

Secondary Color - Set the secondary color.

You can swap between the primary and secondary color by clicking on a secondary color.

Color Palette - Select brush color from color palette or enter exact numerical parameters to set your required color.

Color Palette Switch - Switch between color wheel and square color palette.

You can switch between HSL and RGB color model by clicking on blue-grey button in the lower right corner of a Palette Panel.

H - Brush hue (0 - 359)

S - Brush saturation (0 - 255)

L - Brush luminance (0 - 255)

or

R - Red (0-255)

G - Green (0-255)

B - Blue (0-255)

Note: RGB is a device-dependent color model - different devices/monitors may reproduce a given RGB value differently.

Set of last used colors - You can create your custom colors by picking and clicking on the color in color palette. Last used color will be sorted first.

Color Set - A palette of the default set of colors. You can add custom colors - they will be saved for a further painting project even when an application is closed.

 **Mix Color** - Switch the “Mix Color” button on or hold “X” on your keyboard to mix picked color with previous color. You can mix colors from color set, palette or canvas.

Example: If you want your red color to be more orange in tint, click on the orange color swatch or orange pixel on canvas - the spectrum will move towards the red-orange tint. The more you click on the orange color, the more orange tint it gets.

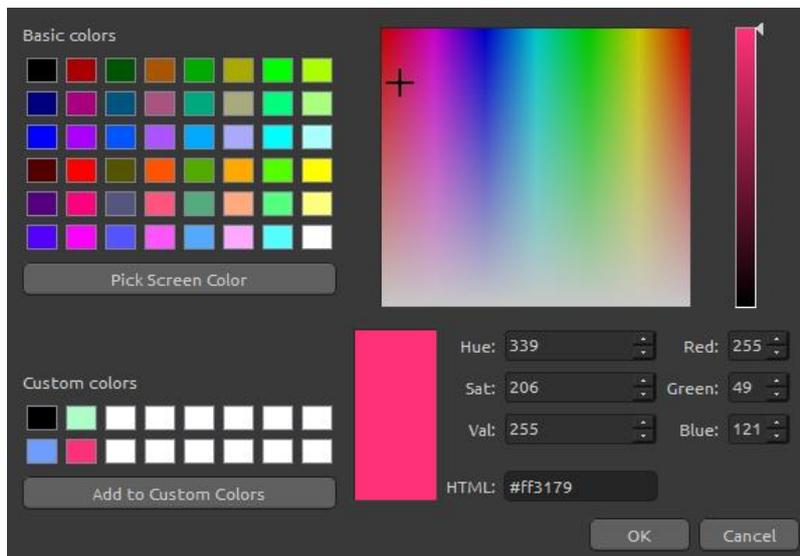
 **Use Color Tracing** - When selected, a color is automatically picked from the tracing layer. Set an active layer as a reference tracing layer from Menu -> Layer -> Tracing Layer (a small T in Layer preview will appear). This layer is a guide for shapes and colors as you paint.

 **Order by Hue** - Sort colors by their Hue value. When disabled, last added color will be sorted first.

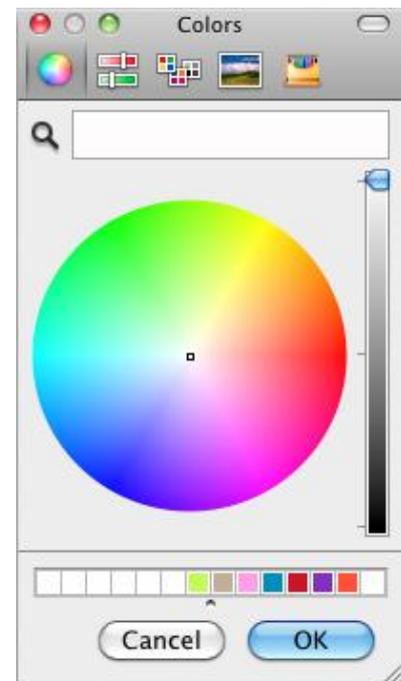
  Add and remove custom colors from Color Set.

System Color Palette

After clicking on a primary color in upper left corner of Palette Panel, a new Select Color window with a System Color Palette appears. This palette looks and behaves differently on Mac OS and Windows:



System Color Palette on Windows



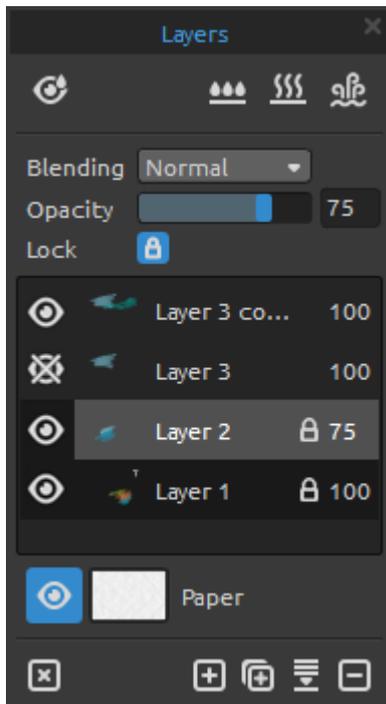
System Color Palette on Mac OS

For Windows users:

You can pick any color from your screen by clicking on a “Pick Screen Color” button. Hovering over your screen you’ll see a color’s HSV, RGB and HTML parameters.

Using the ‘Custom colors’ option in Color Palette window for saving colors is not necessary. If you wish to save your custom color, we recommend you use the ‘Add’ button directly in the Palette Panel.

Layers Panel



 **Show Wet** - Show the wet parts of the actual layer.

 **Wet the Layer** - Wet the actual layer.

 **Dry the Layer** - Dry the actual layer, canvas is not wet.

 **Fast Dry** - Dry the actual layer, water is removed from the painting, but the canvas remains wet.

Note: When you switch layers, the actual layer will “fast dry” (the water is dried, but the canvas remains wet) and after that the new layer is selected.

Blending - 23 blending modes: Normal, Darken, Multiply, Color Burn, Linear Burn, Lighten, Screen, Color Dodge, Linear Dodge, Overlay, Soft Light, Hard Light, Vivid Light, Linear Light, Pin Light, Hard Mix, Difference, Exclusion, Subtract, Hue, Saturation, Color and Luminosity.

Opacity - Set the opacity of the layer (0-100).

 **Lock Layer** – Lock the selected layer or layers to protect them from unwanted changes. Tracing layer will be locked by default.

 **Eye** - Show or hide the layer (next to layer icon).

Letter T in a Layer preview - This letter indicates a Tracing Layer - Select a layer from a Layer list, set this layer as a reference tracing layer from a Menu -> Layer -> Tracing Layer. This layer is a guide for shapes and colors as you paint - it can be an image or photo.

Paper - Choose from 10 paper textures. Click on the eye next to a paper icon to show or hide paper texture.

You can control the paper texture visibility by using the **Texture visibility** slider in Select Paper window. Here you can also select color of the paper.

You can find more information about paper textures in the **Art Papers** section.

 **Clear Layer** - Clear layer content (shortcut *Del*).

 **New Layer** - Add the new layer.

 **Duplicate Layer** - Duplicate one or more selected layers.

 **Merge Layers** - Merge more layers into a single layer. If only one layer is selected, it will be automatically merged with the layer underneath it.

 **Remove Layer** - Delete one or more selected layers.

You can rename a selected layer by double-clicking on it in the Layer list.

You can move the layers by drag & dropping to sort them into the desired order.

The Menu Bar

File - Contains items related to loading, saving, exporting and publishing your paintings.

Edit - Contains items related to editing the painting process and the canvas.

Layer - Contains items related to the layers.

View - Contains items related to the viewport.

Window - Contains items related to the user interface.

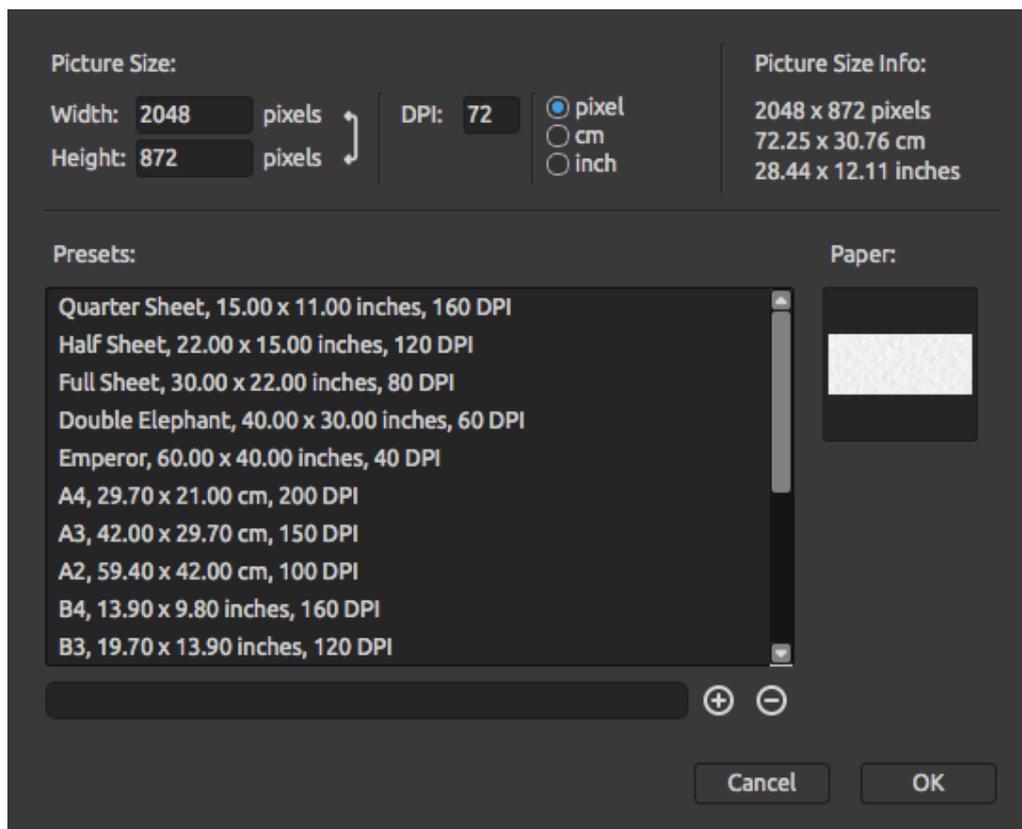
Help - Contains items that let you get help on the application, or look for updates on website.

File Menu

The File Menu contains items related to your painting. They work as follows:

New... - Open a dialog that allows you to create a new painting with new settings.

You can set the width and height of the new picture in pixels, centimeters or inches, set the paper texture, the texture visibility, color (more about papers in **Art Papers** section) and a picture DPI:



You can also choose from variety of paper size presets or add / remove presets using **+** / **-** buttons.

After clicking on a Paper icon, a new window with a choice of preset art papers appears.

According to the DPI you set, picture size information will be automatically calculated both in centimeters and inches.

Note: Please be aware that setting bigger resolutions for your artwork may slow down your computer; especially if you use a lot of water when painting.

Open... - Open a file dialog that allows you to load a painting from disk.

Open Recent - Open one of the last saved artwork.

Save - Save your painting. If you have not saved it before, you are prompted to enter a name.

Save As... - Save a copy of your current painting as a new one in .reb, .png, .jpg, .bmp and .tif file formats.

Iterative Save - Save sequentially numbered versions of an artwork. The first time Iterative Save is used, "_1" is appended to the file name. Each subsequent time the number increments by 1 and a new sequentially numbered file is created.

Import... - Import any image file in .png, .jpg, .bmp and .tif format as a new layer.

Preferences... - Set General, Tools, Palette and Keyboard Preferences:

- **General** - Startup Screen - Show "New Artwork" dialog at application startup. Check this option if you want the New Artwork dialog to open every time you launch the application.

- Canvas - Zoom at cursor. Check this option if you want to zoom at the cursor, not at the canvas center.

- Jpeg compression - Set the quality of jpeg file.

- Interface - Set the scale to resize the interface (90-200%).

- Spinbox editing sensitivity - Set the sensitivity of spinbox editing for Mouse or Tablet

- **Tools** - Select the last paintbrush when color is picked from palette. Check this option if you want the last used paintbrush to be automatically selected after picking a color from palette panel.

- **Palette** - Tracing Color Sample Size - Choose the average sample size of color tracing (1 pixel, 3x3 pixels, 5x5 pixels).

- Mix Mode Sensitivity - Set the sensitivity of Mix Color. The sensitivity influences the number of steps between two mixed colors. When sensitivity is low, fewer steps (clicks) are required to reach the second mix color. When sensitivity is high, it takes more clicks to reach the second mixed color.

- **Keyboard** - Set custom keyboard shortcuts. Click Reset to reset the current shortcut. Click Reset All to reset all shortcuts.

Quit - Close the application. *(Only on Windows).*

*TIP: You can also **Drag and Drop** a picture from any application, file manager or internet browser directly to Rebelle if the application allows it.*

For more information on creating, loading and saving your paintings, see the Creating, Opening and Saving Paintings section later on in the manual.

Edit Menu

Undo - Undo the last painting operation you performed. Number of undo-steps depends on your computer memory. Maximum number of undo steps is set to 30.

Redo - Redo the last operation you undid.

Layer Menu

New Layer - Add new layer.

Duplicate Layer - Duplicate one or more selected layers.

Merge Layers - Merge layers into one layer.

Delete Layer - Delete one or more selected layers.

Show Layer - Show or hide an individual layer.



Tracing Layer - Set an active layer as a reference tracing layer (a small T in Layer preview will appear). This layer is a guide for shapes and colors as you paint - it can be an image or photo.

Use Color Tracing - When selected, a color is automatically picked from the tracing layer.

Transform Layer - Move and resize selected layer.

Clear Layer - Clear the layer.

View Menu

Zoom In - Zoom in on your artwork (at maximum size of 2000%).

Zoom Out - Zoom out from your artwork (at a minimum size of 5%).

Zoom 100% - Check up a zoom value. Press the button to reset the zoom to 100%.

Fit to Screen - Set the canvas to fit the screen.

Show Cursor - Show or hide the cursor.

Window Menu

Tools - Show or hide the Tools Panel.

Properties - Show or hide the Properties Panel.

Palette - Show or hide the Palette Panel.

Navigator - Show or hide the Navigator Panel.

Layers - Show or hide the Layers Panel.

Show Panels - Show or hide panels to get more space for painting.

Stay on Top - Application will stay always on a top of other applications.

Fullscreen - Switch the application window to full screen mode. (Press *Esc* to quit).

Help Menu

Help - Open this Users' Manual document.

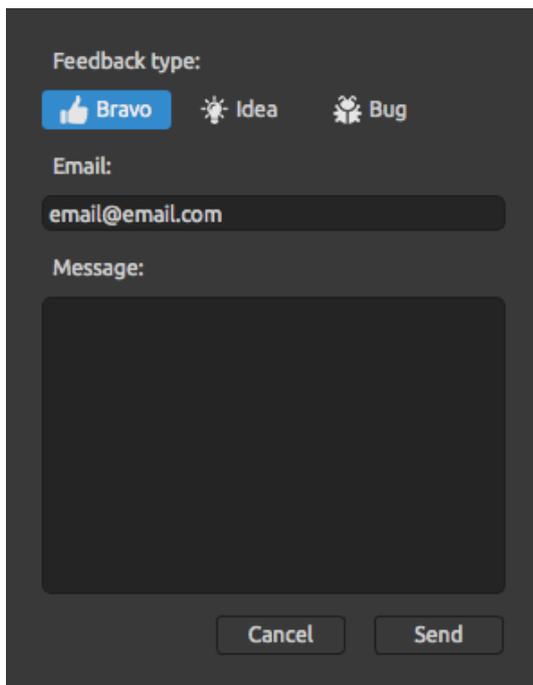
Send Feedback... - Send us feedback if you have any problem, some ideas or just tell us if you like Rebelle. You can choose from 3 feedback types:

Bravo - Would you like to express how cool Rebelle is? Then...

Idea - Do you have any feature in mind that would be a great addition to Rebelle? Then...

Bug - Did you spot any strange behavior when using Rebelle? Then...

... just enter your email address and write us a message - we read each and every one. 😊



The image shows a dark-themed feedback dialog box. At the top, it says "Feedback type:" followed by three buttons: "Bravo" (with a thumbs up icon), "Idea" (with a lightbulb icon), and "Bug" (with a bug icon). Below this is an "Email:" label and a text input field containing "email@email.com". Underneath is a "Message:" label and a large, empty text area. At the bottom, there are two buttons: "Cancel" and "Send".

Rebelle Website - Link to website: rebelle.escapemotions.com

Intro Tutorial - Show the Intro Tutorial. This tutorial will guide you through the most essential Rebelle tools.

About Rebelle - Get some basic information on Rebelle, copyright and credits.

Show Data Folder - Show folder where brushes, data, documents and papers are saved.

Check for updates... - This button is visible when there are new updates available.

Starting Painting

Workflow options

Start a new painting with a blank canvas

1. Click File -> New... and a new window appears.
2. Set the width, height of the image, paper texture and the image DPI.
3. Choose the color from the Palette Panel.
4. Choose the tool, set brush size and other parameters from the Tools Panel and start painting.

Start with a photo or a reference picture

1. Click File -> Open... and choose your reference picture.
2. Click Add Layer from Layer Panel to create a new layer on the top of the reference layer.
3. Choose the color from Palette Panel.
4. Choose the tool, set brush size and other parameters from Tools Panel and start painting.

You can import a sketch previously scanned or drawn in a 3rd party software in .png, .jpg, .bmp and .tif format by clicking on Menu -> File -> Import....

You can also **Drag and Drop** a picture from any application or internet browser directly to Rebelle as a new layer.

Working with Water

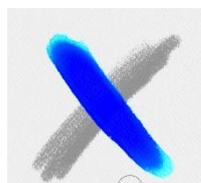
When painting with a wet medium (watercolor, acrylic and ink pen) you can set the amount of water to be used. With more water, the color will spread faster on the layer and wet colors are mixed.

Not only colors can be wet, with a **'Wet the Layer'** button  (**Layers Panel**) you can wet the whole layer. How the painting is blended and dried depends on the water and the wetness of the paper underneath it.

To see whether or where a painting is wet, click on **'Show Wet'** button . A light blue color shows the wetness of the paper and color - the more water that is applied, the darker the blue color will be shown.



Color Layer



Show Wet



Fast Dry



Wet the Layer



Dry the Layer

To speed up your painting process we implemented 2 functions:

'**Dry the layer**' button  completely dries the active layer with all its contents - painting, paper and water applied.

You can use a '**Fast Dry**' button  when you want water to be removed from your active layer but you want to keep the paper wet.

You can use different painting techniques to get various effects. On the following picture you'll see how different combinations interact with each other. The wetter the paper and color, the more color runs. However, dry tools (pastel, pencil, marker and airbrush) don't diffuse on less wet paint; they diffuse according to how wet your painting is.



If you want to learn more about proper watercolor technique, we recommend watching our tutorials on [YouTube](#).

Tracing Option

Rebelle enables you to create paintings by tracing colors from a selected image. You can Drag and Drop picture directly from any source - folder, browser or website and it opens as a new layer. Using a tracing option allows you to recreate existing images in your own way.

When using color tracing, the color is applied for each stroke. It means that each brush stroke picks the color pigment from the first "click" and uses it until you do another click. Rebelle does not trace all colors from a reference tracing layer during a single stroke.

How to trace an existing or imported image:

1. Click on Menu -> File -> Import... to open the Import dialog box. A picture is imported as a new layer. You can also drag & drop image directly from any folder or a browser.
2. Select this layer and click on Menu -> Layer -> Tracing Layer. A layer is set as a reference tracing layer (a small T in layer preview will appear). This layer is a guide for shapes and colors as you paint.
3. Add a new layer and click on Menu -> Layer -> Use Color Tracing or click a button "Use Color Tracing" from Palette Panel.
4. Now you are ready to trace colors from your reference image into an active layer.

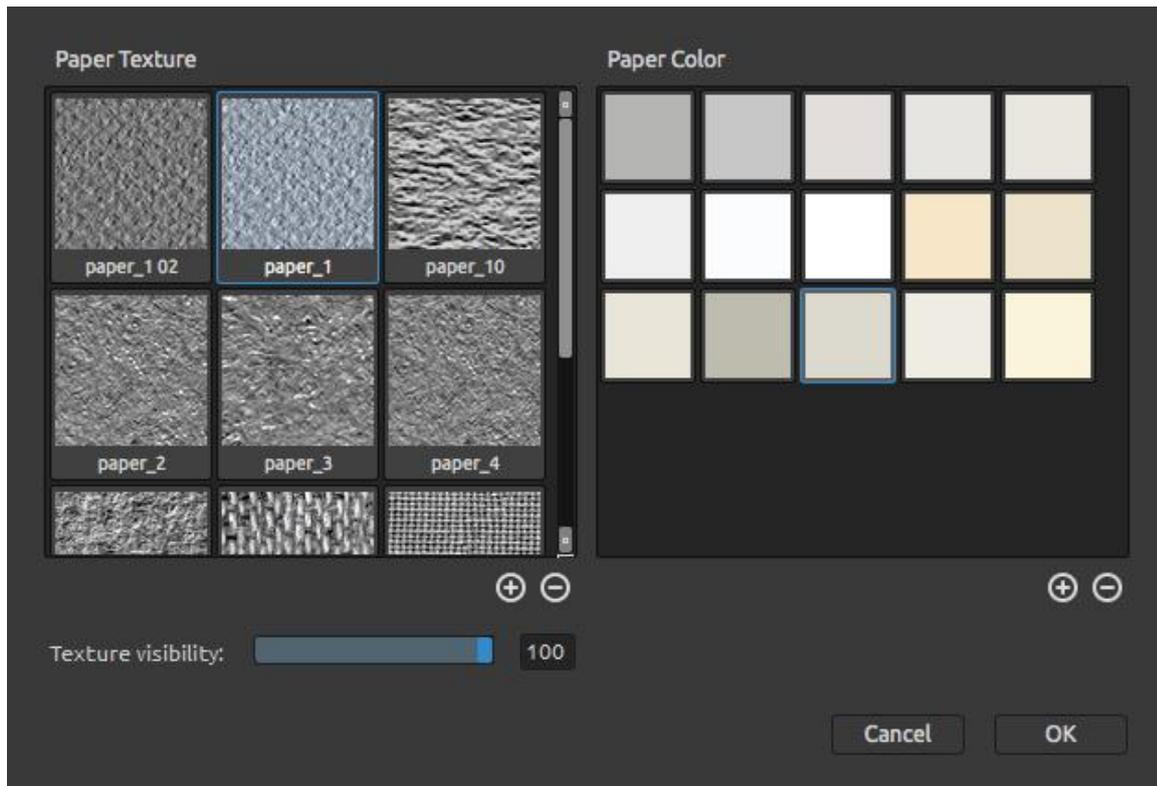
If color tracing isn't selected you can paint with other colors. Deselect tracing layer from Menu -> Layer -> Tracing Layer.

Tracing layer is locked by default to protect it from unwanted changes. You can unlock the layer by clicking the "lock" button.

Art Papers

There are 10 paper textures in the Layers panel to choose from by default. You can also choose the color of the paper by selecting from a Paper Color panel - you have 15 colors for each paper texture to choose from. The paper is the background layer of a canvas.

If you wish, you can show or hide the paper structure in the Layers Panel by clicking on an 'Eye' button: .



Please note that paper texture affects how brushes and tools behave when painting, blending, erasing or using any available tool.

You can control the paper texture visibility by using the **Texture visibility** slider.

  - Add and remove paper color to / from Paper Color window.

Finally, click **OK** to confirm, or **Cancel** if you decide not to.

Note: Paper textures are accessible via the menu "Help" -> "Show Data Folder", where you can paste any seamless paper texture to the "Papers" folder. Restart an application to reload new papers.

Creating, Opening and Saving Paintings

Creating a New Painting

To create a new painting, select the **New...** option from the File Menu. When you do this, the New artwork window will appear. This window lets you set the size of your new painting, and choose the settings of the canvas you want to paint on. In “Picture Size Info” section you can check the picture print information, such as width, height and DPI.

By clicking on **Paper icon** you can select the paper color and texture.

Finally, click **OK** to create a new painting, or **Cancel** if you decide not to.

Opening a Painting

To open a painting, select the **Open...** option from the File Menu. This panel lets you open a picture or previously saved artwork in the .reb, .png, .jpg, .bmp and .tif file formats as a new project.

Finally, click **OK** to open the painting, or **Cancel** if you decide not to.

To open a recently saved painting, select the **Open Recent** option from the File Menu. This option lets you select one of the last saved artworks in .reb, .png, .jpg, .bmp and .tif file formats.

Saving a Painting

To save your painting, use the **Save...** option in the File Menu. The native format is a **REB file format**, which contains all the information about the artwork and the layers. Use this format if you want to carry on with the painting later. We advise you to save your work regularly to avoid any problems while getting used to new software.

If you wish to save your painting with specific settings or in a form that can be read by other applications, use the **Save As...** option in the File Menu. It allows you to save your painting as a PNG, TIF, BMP, or JPG file. You do not need to merge layers to create a copy of your painting for printing or to display on the web.

Note: Please be aware that only REB file contains all the artwork information. PNG, TIF and BMP file save only color and transparency information. Transparency is not saved in JPG format.

Finally, click **OK** to save the painting or **Cancel** if you decide not to.

Iterative Save - Save sequentially numbered versions of an artwork. The first time Iterative Save is used, "_1" is appended to the file name. Each subsequent time the number increments by 1 and a new sequentially numbered file is created.

Closing an Application

If you want to close an application, you can choose from the following options depending on your operating system:

Windows user

- click on File Menu -> Quit, or
- press a Close button in the upper right corner of an application, or
- use a shortcut Ctrl+W or Alt+F4

Mac OS user

- click on Rebelle Menu-> Quit, or
- press a Quit button in the upper left corner of an application, or
- use a shortcut Cmd-Q on Mac OS

Note: Please don't forget to save your artwork before closing an application.

Keyboard Shortcuts

Windows

Mac OS

New...	Ctrl-N	Cmd-N
Open...	Ctrl-O	Cmd-O
Save	Ctrl-S	Cmd-S
Save As...	Ctrl-Shift-S	Cmd-Shift-S
Iterative Save	Ctrl-Alt-S	Cmd-Alt-S
Import...	Ctrl-Shift-O	Cmd-Shift-O
Preferences	Ctrl-,	Cmd-,
Quit	Ctrl-W	Cmd-Q
Undo	Ctrl-Z	Cmd-Z
Redo	Ctrl-Shift-Z	Cmd-Shift-Z
Brushes	B	B
Eraser	E	E
Blend	N	N
Smear	S	S
Water	W	W
Dry	D	D
Blow	Shift or O	Shift or O
Pick a color	Alt or I	Alt or I
Tilt	L	L
Transform Layer	T or Ctrl-T	T or Cmd-T
Mix	X	X
Show Wet	H	H
Fast Dry	F	F
Paint	B	B
Increase Brush Size]]
Decrease Brush Size	[[
Clear Layer Content	Del	Del
Increase Value +1	Up	Up
Decrease Value -1	Down	Down
Increase Value +10	Pg Up	Pg Up
Decrease Value -10	Pg Down	Pg Down
Move a Canvas	Right MouseButton (RMB) or Space Bar + LMB	
Show Hide All Panels	Tab	Tab

Zoom In	+ / Ctrl - +	+ / Cmd - +
Zoom Out	- / Ctrl - -	- / Cmd - -
Zoom 100%	0 / Ctrl - 0	0 / Cmd - 0
Fit to Screen	.	.
Zoom In Out	Mouse Scroll or Alt + Mouse Scroll	
Help	F1	Cmd + ?

Note: You can set custom shortcuts from the menu: Preferences -> Keyboard.

Copyright & Credits

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User Interface Icons: "Batch" by Adam Whitcroft

Used Libraries:

This application has been developed with the following libraries:

Qt 5.4, LGPL license - <http://qt-project.org/downloads/>

QuaZIP, LGPL license - <http://sourceforge.net/projects/quazip/>

CryptoPP, Boost Software license - <http://www.cryptopp.com/>

ImageMagick, Apache license - <http://www.imagemagick.org/>

AntiGrain Geometry 2.4, LGPL license - <http://agg.sourceforge.net/antigrain.com/index.html>

MB WebSockets, LGPL license - <https://qt.gitorious.org/qtplayground/mbwebsockets>

Thanks to God for all creative ideas.

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