

# MyPaint User Guide

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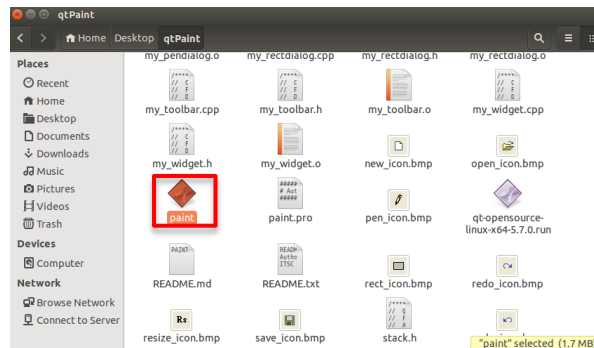
## MYPAINT AT A GLANCE

MyPaint is a drawing application developed for COMP2012 course project, which allows you to create your own drawings in Linux platform. MyPaint comes with powerful drawing tools and various editing features to help turn your imagination into reality. This user manual will guide you through the main features of MyPaint. Let's get started!

## Getting Started

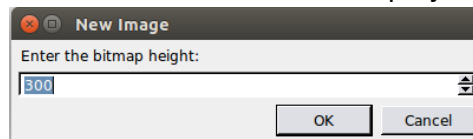
### Launch MyPaint

Navigate towards the installation directory, and double click a file called "paint".



### Start New Project

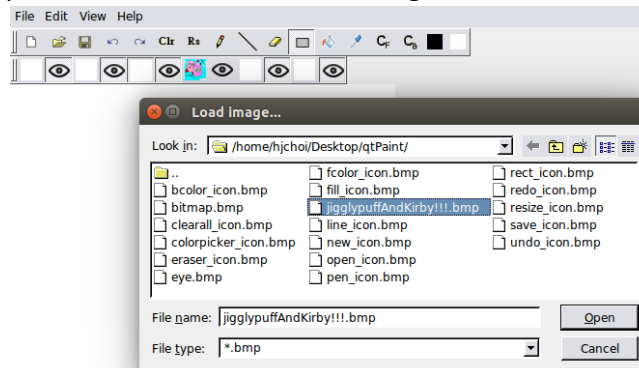
Click "File" button on the menu bar on the top to open the dropdown menu, and select "new image". Then, you will be prompted to enter width and height of your image. Enter appropriate numbers and select "OK" to create a blank project.



Alternatively, if you want to open and edit any existing images, refer to the next section.

### Import Existing Image File

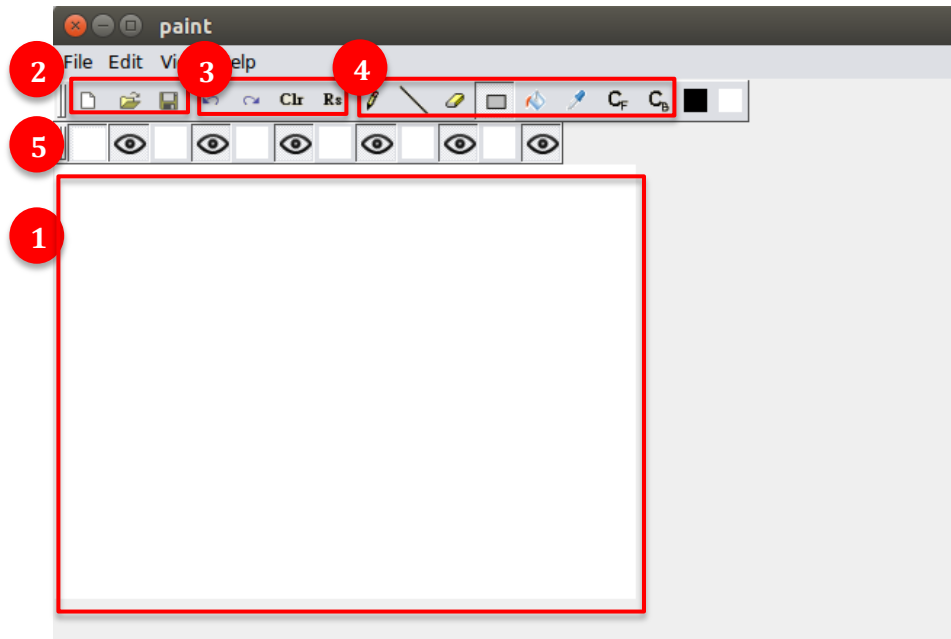
From the "File" dropdown menu, select "Load image".



You can choose any image file to work with. After that, you will see the loaded image on canvas screen.

## MYPAINT INTERFACE

Main sections of the MyPaint interface are labeled and described below.



### 1) Canvas

You can freely draw and edit your picture in this canvas area, using the tools described in later sections.

### 2) File Panel

You can start new project, open existing images and save project using this file panel.

### 3) Edit Panel

Edit Panel provide ways for you to control workflow. You may undo and redo changes, clear the canvas, and resize the canvas.

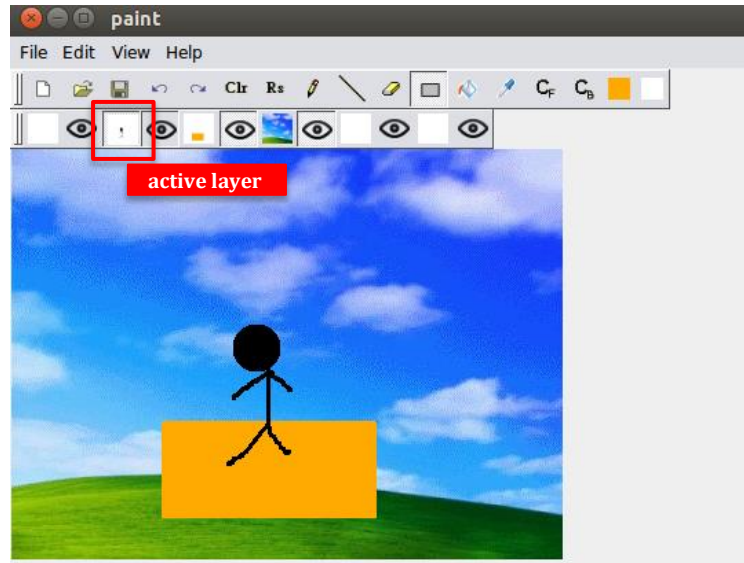
### 4) Toolbar

Eight buttons in the area above gives you basic drawing facilities. You can see detailed instructions in “Drawing Tools” section.

## 5) Image Layers

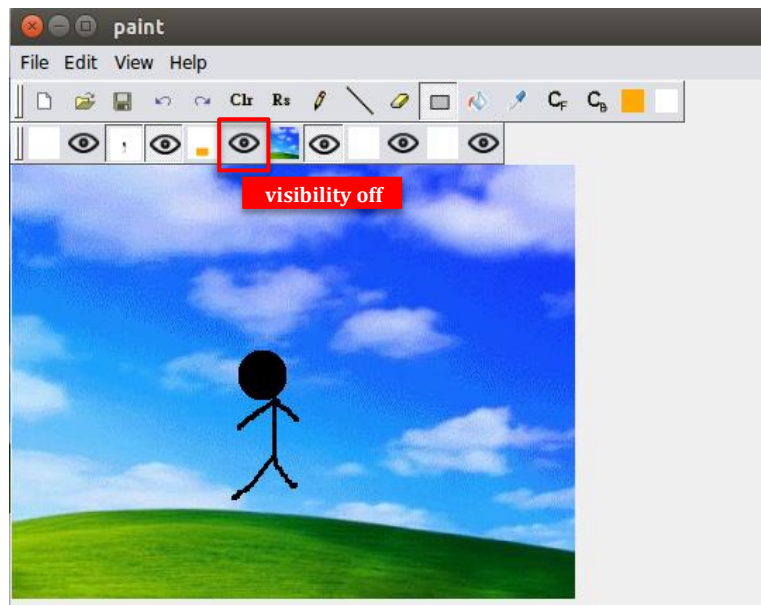
### Select Active Layer

You may select one active layer at a time. Anything you add to Canvas area will be drawn onto the specified layer. Image layers on the left will be drawn on top of other layers on the right. You can think of it as stacking multiple transparent drawing papers, and working on each paper separately.



### Toggle Visibility

You should be able to see buttons with eye icon to the right of each layer. These buttons allow you to toggle visibility of each layer. The screen shot below will give you a good example of how you can utilize this feature.



## DRAWING TOOLS

There are six drawing tools and two color selectors starting from left side of the toolbar.

### Color Selection



At any point in time, you can press color chooser button to change foreground and background color to draw with. Currently selected colors are displayed on two boxes on the right.

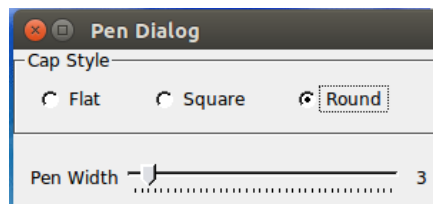
For instance, if you draw a solid shape in this current layout, border line will be drawn with orange color with white color fill.

### Pen Tool

1. Left click on the leftmost button in the drawing tool area to select pen.



2. Before you start drawing, right click on the selected tool to open properties



- dialog. Then, make sure that properties are set to desirable values. Press "OK".
3. Move your cursor around on canvas while pressing down the left mouse button.

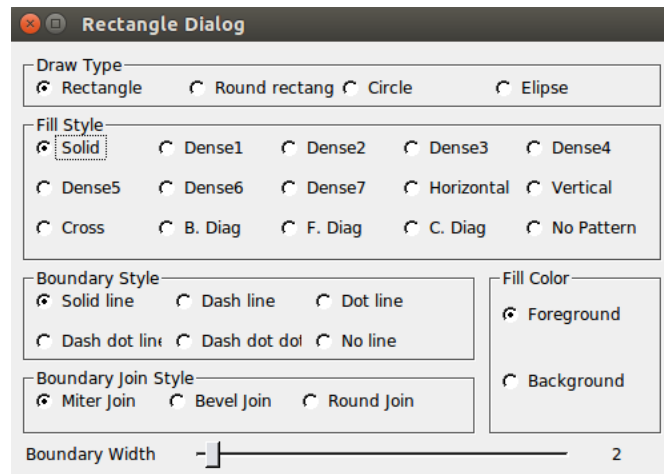
Same set of steps can be applied while using eraser.

### Line Tool

1. Choose the second left option in the toolbar section to select line tool.
2. Access properties and confirm your settings. You can decide on line type (solid, dash, dotted), on top of cap style and width.
3. Start holding down the left mouse at a place where you want to start the line.
4. Release the mouse button at a position when you want to finish the line.

### Shape Tool

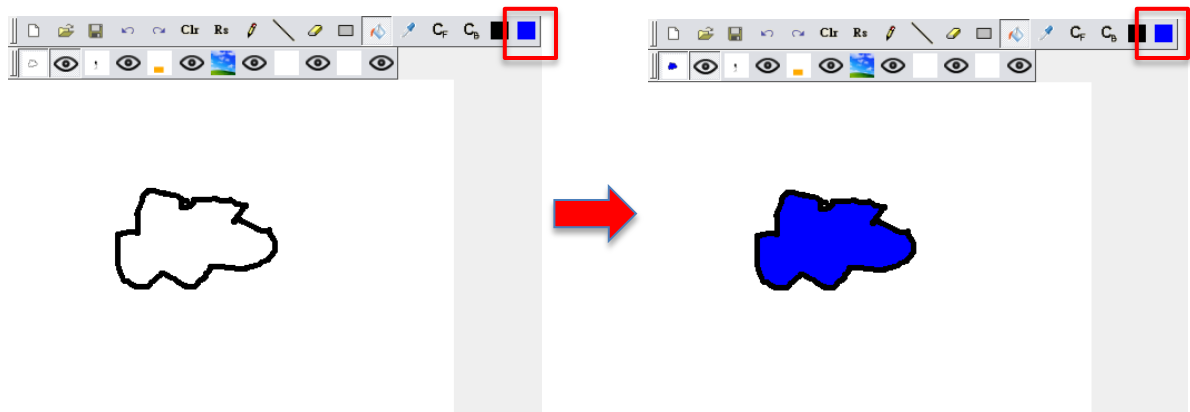
1. Press the fourth icon to use shape tool.
2. Right click the icon to change properties. *(You would notice that there are a lot of options. We can't describe all the details here. Please try with different settings on your own!)*



3. Just like drawing a line, drag the mouse while holding left button to decide where and how big the shape would be.

### Color Fill

1. select fifth button in the tools section. *(There is no settings dialog for this tool!!)*
2. Click anywhere in the enclosed borders. Then the entire area will be filled with the current background color.



### Export Project

Select "Load image" under the "File" tab. Then, save your first project as any type of image file you want!

