Explore Graphic Design with Inkscape

Islahatun Nufusi

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Self Introduction

Who am I?
Students of Banten Jaya University

Student of informatics engineering (2017 – Now)

Member of the Computer Community (2017 - Now)

Members of the Serang Linux Community (2019 - Now)

Speaker of Inkscape workshop (2019)

Speaker of Bookmaking Workshop with LibreOffice (2019)
What is Graphic design?
Graphic design is the art of solving communication problems through a combination of graphics such as shapes, lines, colors, and so on.

The purpose of graphic design itself is to explain how to communicate and can be measured through visual media by using images as a facility to convey information or messages as clearly as possible.

“Graphic design.”
Bitmap/ Raster

Bitmap is the formation of many dots with a mixture of colors in the graphics on the computer. This image is the result of a color arrangement that represents several color pixels and appears on the monitor screen. In general, bitmap images have a high and wide image in the form of pixels by the number of bits. There are several image formats that we often encounter and are classified as bitmap types such as JPEG, PNG.

Vector

Vector is an image made of several points and lines, a combination of this type of image through a special mathematical formula process in creating images. Each vector path can easily be added attributes to create any desired shape. Vector can also be added and removed attributes such as line thickness, color, fill color, nodes and more.
03.

ABOUT INKSCAPE

What is Inkscape?
Inkscape is a software that is Open Source or free under the GNU GPL license. One of them is an open-source vector graphic design software, Inkscape's features meet the standard XML graphics tool, SVG.
ABOUT INKSCAPE

01  user friendly

Inkscape's elegant appearance makes it easy for us to create design projects.

02  light file size

Inkscape has a very positive impact on our hard drive and doesn't take up much space. This also allows Inkscape to be installed on computers that have low hardware specifications and do not require special specifications.

03  complete selection of colors

Inkscape has several complete color choices in the palette, and also a choice of color types such as CMYK, RGB.
Many features in Inkscape make it easier for us to work on graphic design.

04
lots of features

05
file extension

inkscape can open files from several previous versions from the latest version to the previous version or vice versa.
Inkscape View
Setting Canvas

File → document properti (shift + ctrl + D)

You can set the canvas size and also the worksheet type
Preferences

Edit → Preferences (Shift + ctrl+p)

You can customize the interface, behavior, input/output and tools
Default, custom, wide

View → Default    Or View → Custom    Or View → Wide

set up the inkscape screen
View Layer

You can set the layers that will be used in the worksheet
Fill and stroke

objek → fill and stroke

fill and stroke functions to provide color to the fill and stroke and adjust the thickness and type of stroke
other inkscape features

- Tack image
- clone
- Path effects
- filters
- clip
- and much more........
PORTOFOLIO
what Inkscape can do?
The inkscape application can create illustrations, 3D, patterns, logo, icon and unified shapes as materials for making pamphlets.
To make isogeometry in Inkscape, you need a tool that can make isogeometry easier, that is grid axonometry.
LINE STYLE LETTERS

To create this line style, we play with strokes and text then need the clone, combine and division features, edit path by nodes and join selected nodes.
CLONE

Edit → Clone → create tiled clones → symetris → row/ colom
To create a pattern that we play with the shape of a square then combine it with bezier, clone features and play rotation.
CLONE

Edit → Clone → create tiled clones → symetris → row/ colom
Thank You