GNOME™.ASIA
Summit 2020

Explore Graphic Design with Inkscape

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Learn more

CONTENTS

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01.

Self Introduction

Who am I ?

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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)

02.

GRAPHIC DESIGN
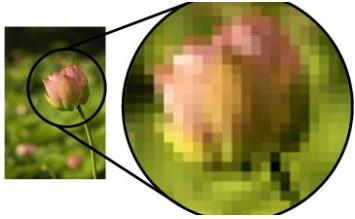
What is Graphic design?

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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?

ABOUT 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.

"Inkscape"

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.

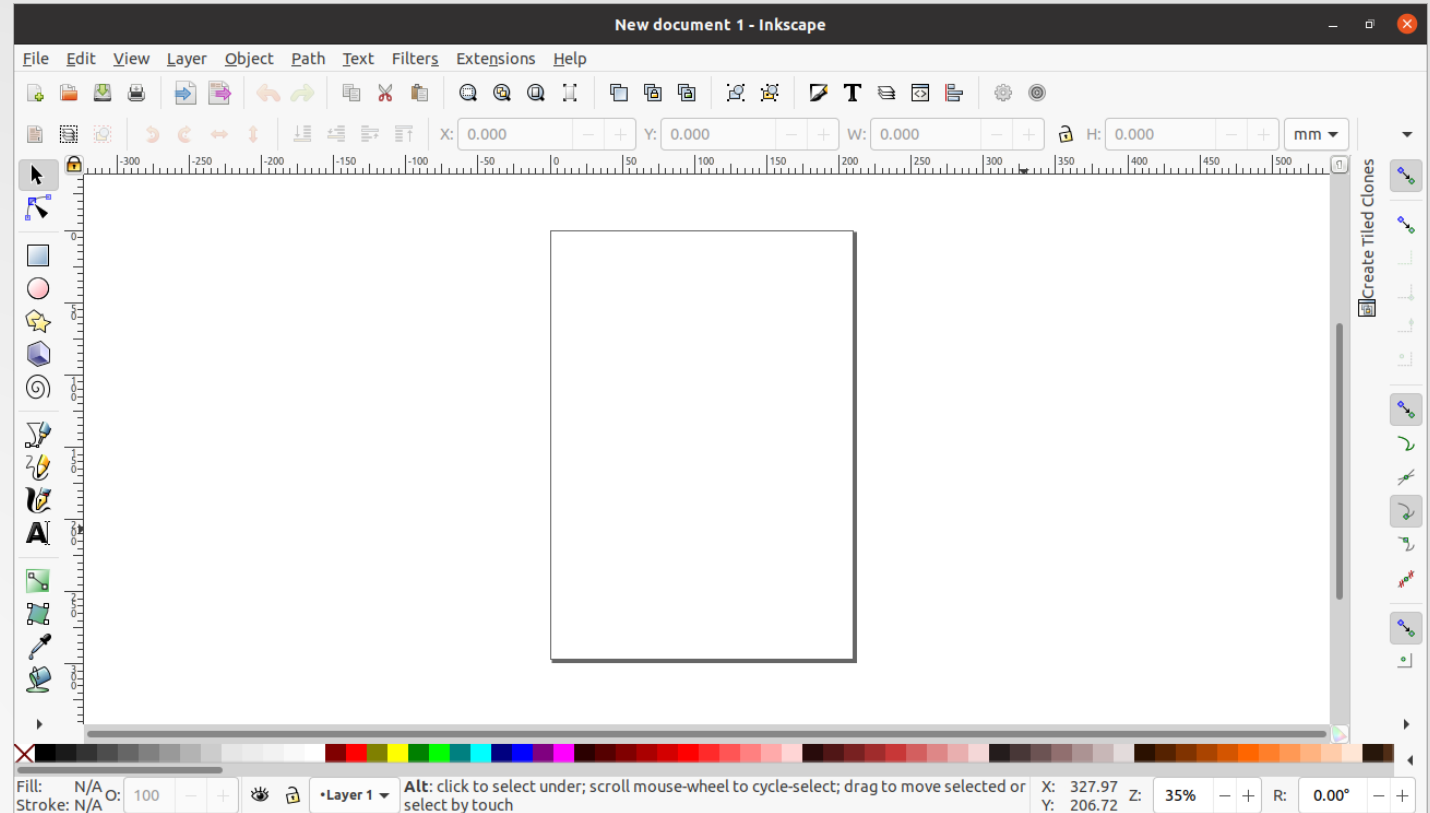# ABOUT INKSCAPE

04

lots of features

Many features in Inkscape make it easier for us to work on graphic design

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 workshet

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
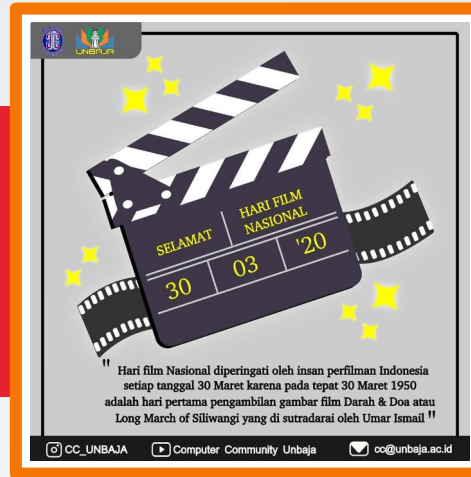clone
Path effetcts
filters
clip
and much more……..
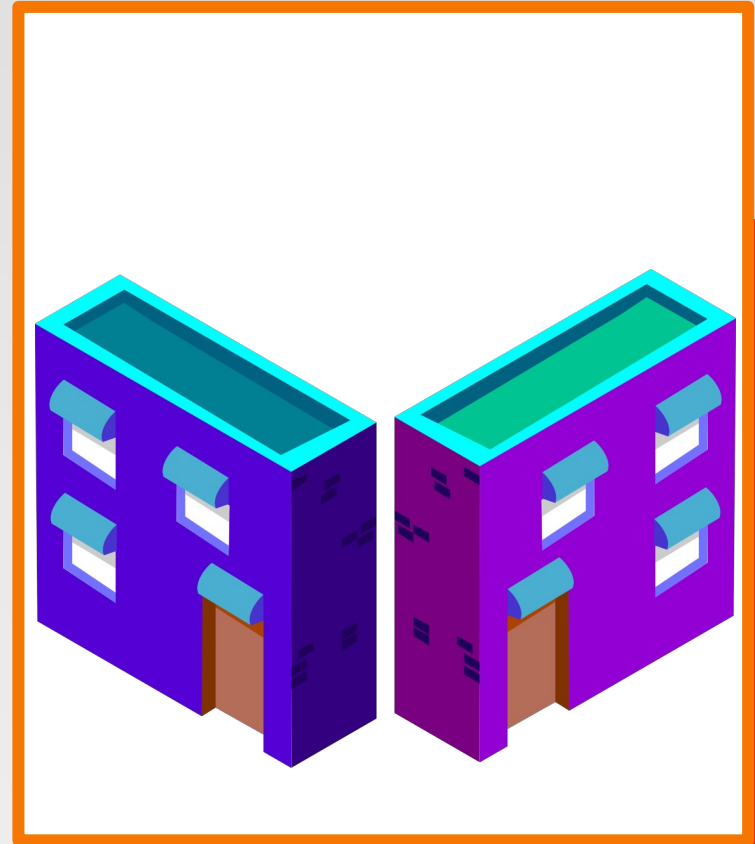
03.

PORTOFOLIO

what Inkscape can do?

PORTOFOLIO

GALLERY

The inkscape application can create illustrations, 3D, patterns, logo, icon and unified shapes as materials for making pamphlets.
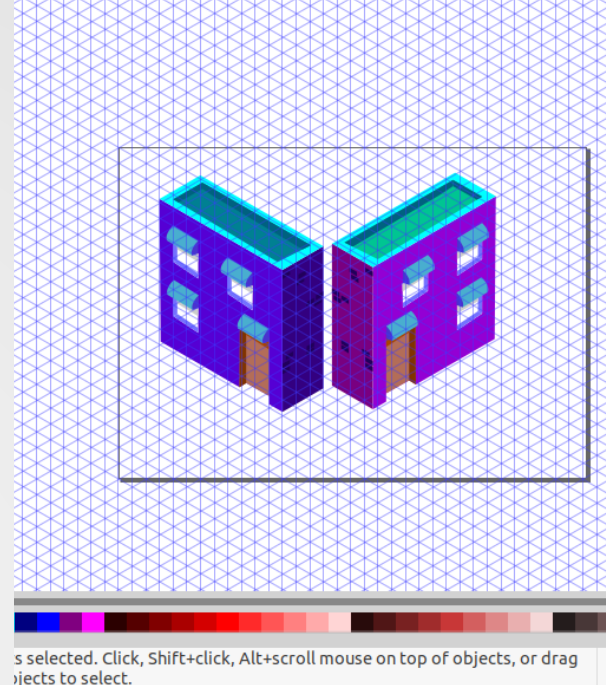
PORTOFOLIO

ISOGEOMETRI

To make isogeometry in Inkscape, you need a tool that can make isogeometry easier, that is grid axonometry.

AXONOMETRI GRIDES

File → Dokumen properti (Shift + ctrl + D) → Grides → axonometri gride → new

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

PORTOFOLIO

PATTERN

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