

FABLAB MAIN SOFTWARE TOOLS

Vector Graphics editors




What is it?

Vector graphics editor permits the creation of **2D models**.

When should I use it?

When you need to work with the **laser cutter** or **vinyl cutter**.

Which software is available?

	Inkscape	https://inkscape.org/	Easy to use, free open-source vector graphics editor.
	FlatFab	http://flatfab.com/	Helps to create 3D objects out of 2D designs
	Adobe Illustrator	http://www.adobe.com/products/illustrator.html	Commercial Vector graphics editor developed by Adobe.

3D modelling tools

What is it?

Permits the creation of 3D models for printing.

When should I use it?

When you need to work with a **3D printer**. You can also do designs for milling machine.

Which software is available?

	FreeCAD	http://www.freecadweb.org/	Free and open source parametric 3D modeler made primarily to design real-life objects.
	Tinkercad	https://www.tinkercad.com/	Easy-to-use online 3D design tool focusing on 3D printing. Good for children.
	OnShape	https://www.onshape.com/	Online 3D CAD system.
	Autodesk 123D	http://www.123dapp.com/design	123D Design is a free, powerful, yet simple 3D creation and editing tool which supports many new 3D printers.

For more info you can reach us at:

FabLab Oulu: <http://www.oulu.fi/fablab/>

Fablab4School project: <http://www.fablab4school.fi>