

This file describes how to install and use the shapepar output driver for the XWindow drawing program XFig. The current version is 3.2.4-shape-1. The naming scheme is first the XFig/Transfig version, appended shape, then the version of the patch. ShapePatch is a patch against Transfig, which adds the capability to export XFig figures to shape definitions for shapepar. Shapepar itself is a TeX-Macro by Donald Arsenau that allows to form a paragraph into a given shape, where the size of the shape is automatically adjusted so that the given paragraph completely fills the shape. There are some predefined shapes, like e.g. a heart. So you can form any paragraph into the form of a heart by putting inside your document. It is of course possible, to define such shapes by oneself, but it involves that you resolve your shape into a polygon and enter the coordinates into your TeX-Document. This is quite crucial, and this is the point where ShapePatch comes up: It allows you to simply draw the shape you want with XFig, and then convert it to such a shape definition either by calling fig2dev manually, or by choosing "Export/Shape" in XFig (if you install the additional XFig patch). ShapePatch is distributed as a patch against transfig and xfig. So first get the source code of transfig and xfig, and untar them. Then copy the transfig patch into the transfig source directory, and the xfig patch respectively into the xfig source tree. Then type Do this before you make any changes to the Imakefiles! The patches should apply cleanly, you can then proceed as usual to compile and install XFig and transfig (please refer to the appropriate documentation). Perhaps you have to install additional libraries and/or change the Imakefiles in order to compile. ShapePatch itself doesn't require any additional libraries. So before reporting compile errors, please make sure that the clean unpatched versions of transfig and XFig compile and work.

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