

# Preview

## in the RISCOS desktop

Edinburgh Software Products  
very preliminary documentation of  
Preview version 1.00

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Preview enables you to view T<sub>E</sub>X generated device independent dvi files in the RISCOS desktop.

### Loading a file

A dvi file can be loaded by double-clicking it, or by dragging it onto the iconbar, or by dragging the directory in which it resides onto the Preview icon on the iconbar. In the latter case, the file *must* be called dvi.

Preview loads the first page of a file immediately, and any subsequent pages in the background. Each page is available for viewing as soon as it has been loaded completely.

Normally the titlebar of a window shows the name of the file and the cardinal number of the page being shown. While still loading a file, it will also show an asterisk. The asterisk will disappear as soon as the whole file has been loaded.

### Remarks

A few things are worth noting about this version 1.00 of Preview:

- Preview puts each page being displayed into a sprite. This sprite's screenmode is the same as the current screenmode, which makes for very fast window updating. Another consequence is that by choosing a different screenmode you influence the quality of the display. But be careful: An A4 page magnified to `\magstep5` in mode 12 takes about 1.9 MEGabytes of memory.

- **Preview** uses RISCOS outline<sup>1</sup> fonts to draw characters. The advantage of using outlines is that they only take about 20% of the disk space needed to store a full set of **pk** files, and they can be plotted at any pointsize.
- Due to the number of **T<sub>E</sub>X** fonts, the fonts are kept within the directory of **Preview**, and are not included in the **Font\$Path**. A lot of utilities can't stand the sight of many fonts (esp. **!Edit**, **!FormEd** and **!Draw**).
- If an error occurs while reading a **dvi** file, **Preview** exits after having shown an error box which sort-of tells you what the problem was.

## About...

This is **Preview** version 1.00.  
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<sup>1</sup>Only the Computer Modern font family is available as outlines. Other fonts will be available as 300dpi bitmaps.