

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_EX 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 *MEGA*bytes of memory.

- **Preview** uses RISCOS outline¹ 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_EX 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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¹Only the Computer Modern font family is available as outlines. Other fonts will be available as 300dpi bitmaps.