Flow — A syntax to generate flowcharts in the LaTeX picture environment

Terry Brown

November 20, 1992   September 22, 2008

1 Summary

Flow is a small syntax which parses the flowchart description explained in this document and translates it in the LaTeX picture environment.

Flow acts as a filter, a typical command would be...

```
flow < myprog.flo > myprog.pic
```

...where myprog.flo is a plain text file containing a description of a flowchart, and myprog.pic will be a plain text file containing the body of a LaTeX picture environment to draw the flowchart. Alternatively

```
flow inputFile or flow inputFile outputFile
```

... see notes at end.

myprog.pic could either be inserted into a picture environment in a LaTeX file with a text editor, or pulled in by the \input command as LaTeX is run.

2 System requirements

Nothing in particular, Flow is in very plain C and should be portable to pretty much anything without alteration. Check beginning of file for defines if it gives trouble.

3 Distribution and Bug Reports

Flow is free software covered by the GPL. See the file COPYING for details. Email to terry_n_brown@yahoo.com with bug reports etc.

4 Flowchart description syntax

4.1 [Indented text]

[Indented text] indicates the command accepts zero or more line of text, these lines are identified by indentation. All lines after the command starting with either a space or a tab are assumed to be text for that command. The first line not starting with one of these characters is assumed to be the next command. Distributed code / executables are case insensitive, but local compilations may vary.

The flowchart is always "going" either up, down, left or right. The initial direction is down.

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