

**NAME**

`dotty` – A Customizable Graph Editor

**SYNOPSIS**

`dotty` [ **-V** ] [ **-lmode** ] [ **-ellev** ] [ *file* ]

**DESCRIPTION**

**dotty** is a graph editor for the X Window System. It may be run as a standalone editor, or as a front end for applications that use graphs. It can control multiple windows viewing different graphs.

**dotty** is written on top of **dot** and **lefty**. **lefty** is a general-purpose programmable editor for technical pictures. It has an interpretive programming language similar to AWK and C. The user interface and graph editing operations of **dotty** are written as **lefty** functions. Programmer-defined graph operations may be loaded as well. Graph layouts are made by **dot**, which runs as a separate process that communicates with **lefty** through pipes.

If the input graph contains `xdot` attributes, **dotty** will use that to display the graph. Otherwise, it runs **dot** to obtain layout information.

**USAGE**

The file name is optional. If present, the graph contained in that file is displayed in the **dotty** window.

**OPTIONS**

**-V** Prints the version.

**-lmode**

Sets the layout mode. The *mode* can be **sync** or **async**. The default is **async**.

**-ellev** Sets the message level. The *lev* can be **0** or **1**. The default is **0**.

**BUGS**

The **lefty** parser does not accept anonymous graphs.

**SEE ALSO**

`dot(1)`, `lefty(1)`, `lneato(1)`, `xdot(3)`

*dotty* user guide.