NAME

unflatten − adjust directed graphs to improve layout aspect ratio

SYNOPSIS

unflatten [**−f**] [**−l***len*] [**−c***len*] [**−o** *outfile*] [files]

DESCRIPTION

unflatten is a preprocessor to **dot** that is used to improve the aspect ratio of graphs having many leaves or disconnected nodes. The usual layout for such a graph is generally very wide or tall. **unflatten** inserts invisible edges or adjusts the **minlen** on edges to improve layout compaction.

OPTIONS

The following options are supported:

−l *len* The minimum length of leaf edges is staggered between 1 and *len* (a small integer).

−f Enables the staggering of the **-l** option to fanout nodes whose indegree and outdegree are both 1. This helps with structures such as *a -> {w x y z} -> b*. This option only works if the **-l** flag is set.

−c *len* Form disconnected nodes into chains of up to *len* nodes.

−o *outfile*
causes the output to be written to the specified file; by default, output is written to **stdout**.

OPERANDS

The following operand is supported:

files Names of files containing 1 or more graphs in dot format. If no *files* operand is specified, the standard input will be used.

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SEE ALSO

gc(1), dot(1), acyclic(1), gvpr(1), gvcolor(1), ccomps(1), tred(1), libgraph(3)