

NAME

bcg_edit – edit interactively the PostScript representation of BCG graphs

SYNOPSIS

bcg_edit [**-bg**] [**-fg**] *filename1 filename2 ...*

DESCRIPTION

This command provides a user-friendly, TCL-TK based, graphical editor, which allows to modify interactively the representation of the Labelled Transition Systems contained in files *filename1*, *filename2*, ... These files can be either:

- PostScript files generated by **bcg_draw**(LOCAL) or previously modified using **bcg_edit**(LOCAL). These files should have the **.ps** suffix.
- or BCG files, in which case **bcg_draw**(LOCAL) will be invoked to generate a corresponding PostScript file automatically. These files should have the **.bcg** suffix.

If no filename is given on the command-line, the editor will be invoked nevertheless, and file selection will be possible using the LOAD buttons of the FILE menu.

The format of the PostScript files read and written by **bcg_edit** is described in a technical report (see the files **\$CADP/doc/*/Tock-95.***).

see http://cadp.inria.fr/man/pictures/bcg_edit.jpg
The BCG_EDIT window

OPTIONS

The following options are supported:

- bg** (Background) Open all editor windows simultaneously. The execution of **bcg_edit** will terminate immediately after all editor windows are started. Default option.
- fg** (Foreground) Open all editor windows sequentially. The execution of **bcg_edit** will only terminate when the user quits the last editor window. Not a default option.

ENVIRONMENT VARIABLES

See the **bcg**(LOCAL) manual page for a description of the environment variables used by all the BCG application tools. In addition, the following environment variables are used by **bcg_edit**:

\$PRINTER

If this variable is set, its value determines the name of the PostScript printer to be used. If this variable is unset, it is given the default value 'lp' according to UNIX conventions.

\$CADP_PS_VIEWER

If this variable is set, its value determines the name of the PostScript viewer that will be invoked by **bcg_edit** (the name of the viewer may be followed by options). Otherwise, **bcg_draw** will search (in the list of directories defined by the **\$PATH** variable plus in a set of plausible default locations) for a viewer named '**ghostview**' under Unix and '**gsview32.exe**' under Windows.

\$BCG_EDIT_SPLINE_STEPS

If this variable is set, its value determines the number of points used for spline curve discretization (this value must be an even number). If this variable is unset, it is given the default value '50'.

EXIT STATUS

Exit status is 0 if everything is alright, 1 otherwise.

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OPERANDS

<i>filename1</i>	BCG graph or PostScript file (input/output)
<i>filename2</i>	BCG graph or PostScript file (input/output)

FILES

\$CADP/com/bcg_edit	bcg_edit shell script
\$CADP/tcl-tk/*	TCL/TK programs and libraries
\$CADP/src/bcg_edit/*.tcl	TCL/TK files for bcg_edit
\$CADP/src/bcg_edit/*.txt	on-line help files for bcg_edit
\$CADP/src/com/cadp_postscript	auxiliary shell script
\$CADP/src/com/cadp_print	auxiliary shell script

See the **bcg(LOCAL)** manual page for a description of the other files.

SEE ALSO

bcg(LOCAL), **bcg_draw(LOCAL)**

Additional information is available from the CADP Web page located at <http://cadp.inria.fr>

Directives for installation are given in files **\$CADP/INSTALLATION_***.

Recent changes and improvements to this software are reported and commented in file **\$CADP/HISTORY**.

BUGS

Please report bugs to Hubert.Garavel@inria.fr