## graphviz-dot-mode: Graphviz Dot Mode 🚧

Description	<u>Keystroke</u>	Function	<u>Note</u>
Graphviz Dot	With an external package in	stalled (see below) Emacs can suppo	prt rendering Graphviz-Dot markup files and can also render the resulting graph
<u> </u>	file when Emacs is running in graphics mode.  This requires the graphviz-dot-mode package  PEL downloads, installs and activates it when the pel-use-graphviz-dot user option is set to t.		
Open this PDF file. See also: <u>∑ Help/Info</u>	• <f11> SPC g <f1> • <f12> <f1></f1></f12></f1></f11>	(pel-help-pdf)	Open M Graphviz Dot local PDF file.
Customize PEL Graphviz Dot Support See also: <u>S Customize</u>	• <f11> SPC g <f2> • <f12> <f2></f2></f12></f2></f11>	(pel-customize-pel &optional OTHER-WINDOW)	Customize PEL Graphviz-Dot support.  • If OTHER-WINDOW is non-nil (use <b>C</b> - <b>u</b> ), display in another window.
Customize Emacs Graphviz Dot Support See also: <u>S Customize</u>	• <f11> SPC g <f3> • <f12> <f3></f3></f12></f3></f11>	(pel-customize-library &optional OTHER-WINDOW)	Customize Emacs Graphviz-Dot support.  • If OTHER-WINDOW is non-nil (use <b>C-u</b> ), display in another window.
Activate Graphviz Dot mode	<f11> M-q</f11>	(graphviz-dot-mode)	Toggle use of the graviz-dot-mode to edit Graphviz Dot files.
Editing Dot syntax	_	lp writing Graphviz DOT code. See the	
Eutiling Dot Syntax		ntains the following and much more:	
Indent current line See also: ∑Indentation	<tab></tab>	(indent-for-tab-command &optional ARG)	Indent current line of dot code (regardless of point position within the line)
		(graphviz-dot-indent-line)	
Indent the graph statement at point	• C-M-q • <f12> <tab></tab></f12>	(graphviz-dot-indent-graph)	Indent the graph/digraph/subgraph where point is at.  This will first reach the beginning of the graph were point is at, and then indent this and each subgraph in it.
Break line and indent	м-ј	(indent-new-comment-line &optional SOFT)	Break line at point and indent, continuing comment if within one.  This indents the body of the continued comment under the previous comment line.  This command is intended for styles where you write a comment per line, starting a new comment (and terminating it if necessary) on each line.  If a fill column is specified, it overrides the use of the comment column or comment indentation.  The inserted newline is marked hard if variable 'use-hard-newlines' is true, unless optional argument SOFT is non-nil.
Compiling			
Compile the graph	• C-c C-c • <f12> c</f12>	(compile COMMAND &optional COMINT)	Compile the graph using the program identified by graphviz-dot-dot-program to the output format identified by graphviz-dot-preview-extension. The command is shown in the mini buffer, allowing modification before execution.
Jump to next match	• C-x ` • M-g n • M-g M-n	(next-error &optional ARG RESET)	A prefix ARG specifies how many error messages to move; negative means move back to previous error messages. Just C-u as a prefix means reparse the error message buffer and start at the first error.
Jump to previous match	• M-g p • M-g M-p	(previous-error &optional N)	Prefix arg N says how many error messages to move backwards (or forwards, if negative).
Viewing			
Preview image in Emacs buffer	• C-C C-p • <f12> p</f12>	(graphviz-dot-preview)	Compile the graph and preview it in an other buffer.  I Only works in graphics mode.
View image using external program	C-c C-v	(graphviz-dot-view)	Run an external viewer.  • This creates an external process every time it is executed. If 'graphviz-dot-save-before-view' is set, the current buffer is saved before the command is executed.
Graphviz Dot Variables			
		graphviz-dot-dot-program	Program used to compile the graphs. Default := 'dot'.
		graphviz-dot-preview-extension	File type to use for output. Default := 'png'.
		graphviz-dot-view-command	Command to run when 'graphviz-dot-view' is executed. Default:= 'dotty %s'
		graphviz-dot-view-edit-command	If the user should be asked to edit the view command. Default:= nil
		graphviz-dot-save-before-view	Automatically save current buffer berore 'graphviz-dot-view'.
		graphviz-dot-mode-hook	Hook variable for initialization of the mode.
	L		

## **Graphviz Dot Mode — References**

Description & URL	Notes		
Graphviz Dot			
GraphViz @ Wikipedia	Overview description with various links.		
<u>GraphViz.org</u> - Graphviz Graph Visualization Software	Graphviz home page. Includes:  • Gallery  • Documentation, which contains the following and much more:  • The DOT Language  • Command-line Usage  • Output formats  • Node, Edge and Graph Attributes  • Node Shapes  • Arrow Shapes  • Colors  • Resources		
<b>Graphviz Dot Mode for Emacs</b>			
graphviz-dot-mode @ GitHub			