





# graphviz-dot— mode: Graphviz Dot Mode

Description	Keystroke	Function	Note
<b>Graphviz Dot</b>	 With the <b>graphviz-dot-mode package</b> external package installed, Emacs can support <b>Graphviz-Dot</b> markup files and can also render the resulting graphic files.  PEL downloads, installs and activates it when the <b>pel-use-graphviz-dot</b> user option is set to <b>t</b> . <ul style="list-style-type: none"><li>By default, Emacs treats files with the .dot and .gv extensions as <b>DOT</b> files.<ul style="list-style-type: none"><li>With PEL, you can add more file types by adding the association to the <b>pel-auto-mode-alist</b> user option. PEL adds these to Emacs auto-mode-alist.</li></ul></li></ul>		
<b>Open this PDF file.</b> See also: <a href="#">☞ Help/Info</a>	<b>&lt;f11&gt; SPC g &lt;f1&gt;</b> <b>&lt;f12&gt; &lt;f1&gt;</b>	<b>(pel-help-pdf &amp;optional OPEN-WEB-PAGE)</b>	Open the local copy of the <a href="#">M Graphviz Dot</a> PDF file unless a command prefix (like <b>C-u</b> ) was used. In that case it opens the Github-hosted file instead.
<b>Customize PEL Graphviz Dot Support</b> See also: <a href="#">☞ Customize</a>	<b>&lt;f11&gt; SPC g &lt;f2&gt;</b> <b>&lt;f12&gt; &lt;f2&gt;</b>	<b>(pel-customize-pel &amp;optional OTHER-WINDOW)</b>	Customize PEL Graphviz-Dot support. <ul style="list-style-type: none"><li>If OTHER-WINDOW is non-nil (use <b>C-u</b>), display in another window.</li></ul>
<b>Customize Emacs Graphviz Dot Support</b> See also: <a href="#">☞ Customize</a>	<b>&lt;f11&gt; SPC g &lt;f3&gt;</b> <b>&lt;f12&gt; &lt;f3&gt;</b>	<b>(pel-customize-library &amp;optional OTHER-WINDOW)</b>	Customize Emacs Graphviz-Dot support. <ul style="list-style-type: none"><li>If OTHER-WINDOW is non-nil (use <b>C-u</b>), display in another window.</li></ul>
<b>Activate Graphviz Dot mode</b>	<b>&lt;f11&gt; M-g</b>	<b>(graphviz-dot-mode)</b>	Toggle use of the graviz-dot-mode to edit Graphviz Dot files.
<b>Editing Dot syntax</b>	The following commands help writing Graphviz DOT code. See the following reference documents: <ul style="list-style-type: none"><li><a href="#">Documentation</a>, which contains the following and much more:<ul style="list-style-type: none"><li><a href="#">The DOT Language</a></li><li><a href="#">Node, Edge and Graph Attributes</a></li><li><a href="#">Node Shapes</a></li><li><a href="#">Arrow Shapes</a></li><li><a href="#">Colors</a></li></ul></li></ul>		
<b>Indent current line</b> See also: <a href="#">☞ Indentation</a>	<b>&lt;tab&gt;</b>	<b>(indent-for-tab-command &amp;optional ARG)</b>	Indent current line of dot code (regardless of point position within the line)
		<b>(graphviz-dot-indent-line)</b>	
<b>Indent the graph statement at point</b>	<ul style="list-style-type: none"><li><b>C-M-q</b></li><li><b>&lt;f12&gt; &lt;tab&gt;</b></li></ul>	<b>(graphviz-dot-indent-graph)</b>	Indent the graph/digraph/subgraph where point is at. <ul style="list-style-type: none"><li>This will first reach the beginning of the graph were point is at, and then indent this and each subgraph in it.</li></ul>
<b>Break line and indent</b>	<b>M-j</b>	<b>(indent-new-comment-line &amp;optional SOFT)</b>	Break line at point and indent, continuing comment if within one. <ul style="list-style-type: none"><li>This indents the body of the continued comment under the previous comment line.</li><li>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.</li><li>If a fill column is specified, it overrides the use of the comment column or comment indentation.</li><li>The inserted newline is marked hard if variable ‘use-hard-newlines’ is true, unless optional argument SOFT is non-nil.</li></ul>
<b>Compiling</b>			
<b>Compile the graph</b>	<ul style="list-style-type: none"><li><b>C-c C-c</b></li><li><b>&lt;f12&gt; c</b></li></ul>	(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.
<b><a href="#">Jump to next match</a></b>	<ul style="list-style-type: none"><li><b>C-x `</b></li><li><b>M-g n</b></li><li><b>M-g M-n</b></li></ul>	<b>(next-error &amp;optional ARG RESET)</b>	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.
<b><a href="#">Jump to previous match</a></b>	<ul style="list-style-type: none"><li><b>M-g p</b></li><li><b>M-g M-p</b></li></ul>	<b>(previous-error &amp;optional N)</b>	Prefix arg N says how many error messages to move backwards (or forwards, if negative).
<b>Viewing</b>			
<b>Preview image in Emacs buffer</b>	<ul style="list-style-type: none"><li><b>C-C C-p</b></li><li><b>&lt;f12&gt; p</b></li></ul>	<b>(graphviz-dot-preview)</b>	Compile the graph and preview it in an other buffer.   Only works in graphics mode.
<b>View image using external program</b>	<b>C-c C-v</b>	<b>(graphviz-dot-view)</b>	Run an external viewer. <ul style="list-style-type: none"><li>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.</li></ul>
<b>Graphviz Dot Variables</b>			
<a href="#">graphviz-dot-dot-program</a>	Program used to compile the graphs. Default := ‘dot’.		
<a href="#">graphviz-dot-preview-extension</a>	File type to use for output. Default := ‘png’.		
<a href="#">graphviz-dot-view-command</a>	Command to run when ‘graphviz-dot-view’ is executed. Default:= ‘dotty %s’		
<a href="#">graphviz-dot-view-edit-command</a>	If the user should be asked to edit the view command. Default:= nil		
<a href="#">graphviz-dot-save-before-view</a>	Automatically save current buffer berore ‘graphviz-dot-view’.		
<a href="#">graphviz-dot-mode-hook</a>	Hook variable for initialization of the mode.		

## Graphviz Dot Mode — References

Description & URL	Notes
<b>Graphviz Dot</b>	
<b><a href="#">GraphViz @ Wikipedia</a></b>	Overview description with various links.
<b><a href="#">GraphViz.org</a> - Graphviz Graph Visualization Software</b>	Graphviz home page. Includes: <ul style="list-style-type: none"><li><a href="#">Gallery</a></li><li><a href="#">Documentation</a>, which contains the following and much more:<ul style="list-style-type: none"><li><a href="#">The DOT Language</a></li><li><a href="#">Command-line Usage</a></li><li><a href="#">Output formats</a></li><li><a href="#">Node, Edge and Graph Attributes</a></li><li><a href="#">Node Shapes</a></li><li><a href="#">Arrow Shapes</a></li><li><a href="#">Colors</a></li><li><a href="#">Resources</a></li></ul></li></ul>
<b>Graphviz Dot Mode for Emacs</b>	
<b><a href="#">graphviz-dot-mode @ GitHub</a></b>	