

graphviz-dot-mode Manual

0.3.10.a

graphviz-dot-mode by Pieter Pareit
this document by Daniel Birket

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This is the `graphviz-dot-mode Manual`, edition 0.3.10.a, by Daniel Birket, updated 1 July 2017, which describes how to install and use the Emacs Lisp software package `graphviz-dot-mode`, version 0.3.10, released 25 May 2015, which was written by and Copyright © 2002-2015 Pieter Pareit, et al. (See <http://ppareit.github.com/graphviz-dot-mode>)

This manual is based upon (and frequently copied verbatim from) the documentation in the `graphviz-dot-mode.el` source code, which begins with:

```
;;; graphviz-dot-mode.el --- Mode for the dot-language used by graphviz (att).

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;;; Rubens Ramos <rubensr AT users.sourceforge.net>
;;; Eric Anderson http://www.ece.cmu.edu/~andersoe/
;;; Maintainer: Pieter Pareit <pieter.pareit@gmail.com>
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```

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Table of Contents

1	Introduction	1
2	Installing	2
2.1	Recommended Installation	2
2.2	Manual Installation	2
3	Using	3
4	Customizing	4
5	Development	5
	GNU General Public License 2.0	6
	GNU Free Documentation License	12
	Concept Index	20
	Key Index	21
	Variable Index	22
	Function Index	23
	Program Index	24

1 Introduction

This manual describes how to install and use `graphviz-dot-mode`, an Emacs package for working with *Graphviz* DOT-format files. The features of this package help you to create `.dot` or `.gv` files using syntax compatible with the separate *Graphviz* package and use *Graphviz* to convert these files to diagrams.

Graphviz is a set of open source graph visualization tools created by AT&T Labs Research. A *graph* is a way of representing information as a network of connected *nodes* and *edges*. *Graphviz* is documented at <http://graphviz.org>.

The powerful text editor, Emacs, was created in 1976 by Richard Stallman, is highly extensible and has a large ecosystem of extensions like this one created over 40 years. GNU Emacs is documented at <https://www.gnu.org/software/emacs/>.

2 Installing

This chapter describes how to install `graphviz-dot-mode`.

2.1 Recommended Installation

The recommended way to install the package `graphviz-dot-mode` is to use `package.el`, which has been integrated with Emacs since version 24. (It is included in version 23, but must be initialized.)

To install `graphviz-dot-mode`, first add the MELPA Stable archive to the list of archives used by `package.el` (if it is not already there) by adding the following lines to your `.emacs`, `.emacs.d/init.el`, or other Emacs startup file and restarting Emacs (or just evaluate the statements):

```
(require 'package)
(add-to-list 'package-archives
  '("melpa-stable" . "https://stable.melpa.org/packages/"))

(package-initialize)
```

Then, after restarting Emacs (or otherwise evaluating the above statements), type the following command:

M-x package-install RET graphviz-dot-mode RET.

When installed using the package manager this way, `graphviz-dot-mode` will be used automatically for file names ending in either `.dot` or `.gv`.

You may browse the 1500+ other Emacs packages in the MELPA-Stable archive at <http://stable.melpa.org/> or by typing *M-x list-packages RET* (after adding it to your package-archives list, above).

2.2 Manual Installation

You can manually download and install `graphviz-dot-mode`.

First, download `graphviz-dot-mode.el` from:

<http://ppareit.github.com/graphviz-dot-mode>

Then save the file where Emacs can find it in a directory listed in your `load-path` like `/usr/local/share/emacs/site-lisp`.

Then configure `graphviz-dot-mode` to load automatically by adding the following to your `.emacs`, `.emacs.d/init.el`, or other Emacs startup file:

```
(autoload 'graphviz-dot-mode
  "graphviz-dot-mode"
  "Major mode for editing Graphviz DOT files" t)
(add-to-list 'auto-mode-alist '("\\.dot\\'" . graphviz-dot-mode))
(add-to-list 'auto-mode-alist '("\\.gv\\'" . graphviz-dot-mode))
```

3 Using

4 Customizing

5 Development

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Version 2, June 1991

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```

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Concept Index

C

concept index ‘;-)’	20
copyright (manual)	2
copyright (software)	2
customizing	4

D

development	5
-------------------	---

F

function index	23
----------------------	----

G

GNU Free Documentation License	12
GNU General Public License 2.0	6

I

installation, the easy way	2
installation, the hard way	2
installing	2
introduction	1

K

key index	21
-----------------	----

L

license (manual)	12
license (software)	6

M

manual installation	2
MELPA Stable, installing from	2

P

<code>package.el</code> , installing with	2
program index	24

R

recommended installation	2
--------------------------------	---

U

using	3
-------------	---

V

variable index	22
----------------------	----

Key Index

(Index is nonexistent)

Variable Index

A

auto-mode-alist 2

P

package-archives 2

Function Index

A

add-to-list 2
autoload 2

P

package-install 2
package.el 2

Program Index

E

Emacs..... 1

G

Graphiz 1