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### Header 3

This is a blockquote.

This is the second paragraph in the blockquote.

## This is an H2 in a blockquote

Some of these words are emphasized.   
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Use two asterisks for **strong emphasis**.   
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* Candy.
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Related Projects:

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In order to build the documentation yourself, you will need sphinx. Issue the following command:

python ./doc/scripts/docgen.py

Documentation is built into html/

The PDF of the documentation can be found at html/theano.pdf

DIRECTORY LAYOUT

Theano (current directory) is the distribution directory.

\* Theano/theano contains the package

\* Theano/theano has several submodules:

\* gof + compile are the core

\* scalar depends upon core

\* tensor depends upon scalar

\* sparse depends upon tensor

\* sandbox can depend on everything else

\* Theano/examples are copies of the example found on the wiki

\* Theano/benchmark and Theano/examples are in the distribution, but not in

the Python package

\* Theano/bin contains executable scripts that are copied to the bin folder

when the Python package is installed

\* Tests are distributed and are part of the package, i.e. fall in

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\* Theano/doc contains files and scripts used to generate the documentation

\* Theano/html is where the documentation will be generated

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\* Theano/html is where the documentation will be generated

## What is Vim?

Vim is a greatly improved version of the good old UNIX editor Vi. Many new   
features have been added: multi-level undo, syntax highlighting, command line   
history, on-line help, spell checking, filename completion, block operations,   
script language, etc. There is also a Graphical User Interface (GUI)   
available. Still, Vi compatibility is maintained, those who have Vi “in the   
fingers” will feel at home. See runtime/doc/vi\_diff.txt for differences with   
Vi.

This editor is very useful for editing programs and other plain text files.   
All commands are given with normal keyboard characters, so those who can type   
with ten fingers can work very fast. Additionally, function keys can be   
mapped to commands by the user, and the mouse can be used.

Vim runs under MS-Windows (NT, 2000, XP, Vista, 7, 8, 10), Macintosh, VMS and   
almost all flavours of UNIX. Porting to other systems should not be very   
difficult. Older versions of Vim run on MS-DOS, MS-Windows 95/98/Me, Amiga   
DOS, Atari MiNT, BeOS, RISC OS and OS/2. These are no longer maintained.

## Distribution

You can often use your favorite package manager to install Vim. On Mac and   
Linux a small version of Vim is pre-installed, you still need to install Vim   
if you want more features.

There are separate distributions for Unix, PC, Amiga and some other systems.   
This README.md file comes with the runtime archive. It includes the   
documentation, syntax files and other files that are used at runtime. To run   
Vim you must get either one of the binary archives or a source archive.   
Which one you need depends on the system you want to run it on and whether you   
want or must compile it yourself. Check http://www.vim.org/download.php for   
an overview of currently available distributions.

Some popular places to get the latest Vim:

* Check out the git repository from [github](https://github.com/vim/vim).
* Get the source code as an [archive](https://github.com/vim/vim/releases).
* Get a Windows executable from the   
  [vim-win32-installer](https://github.com/vim/vim-win32-installer/releases) repository.

## Compiling

If you obtained a binary distribution you don't need to compile Vim. If you   
obtained a source distribution, all the stuff for compiling Vim is in the   
src directory. See src/INSTALL for instructions.

## Installation

See one of these files for system-specific instructions. Either in the   
READMEdir directory (in the repository) or the top directory (if you unpack an   
archive):

README\_ami.txt Amiga

README\_unix.txt Unix

README\_dos.txt MS-DOS and MS-Windows

README\_mac.txt Macintosh

README\_vms.txt VMS

There are other README\_\*.txt files, depending on the distribution you used.

## Documentation

The Vim tutor is a one hour training course for beginners. Often it can be   
started as vimtutor. See :help tutor for more information.

The best is to use :help in Vim. If you don't have an executable yet, read   
runtime/doc/help.txt. It contains pointers to the other documentation   
files. The User Manual reads like a book and is recommended to learn to use   
Vim. See :help user-manual.

## Copying

Vim is Charityware. You can use and copy it as much as you like, but you are   
encouraged to make a donation to help orphans in Uganda. Please read the file   
runtime/doc/uganda.txt for details (do :help uganda inside Vim).

Summary of the license: There are no restrictions on using or distributing an   
unmodified copy of Vim. Parts of Vim may also be distributed, but the license   
text must always be included. For modified versions a few restrictions apply.   
The license is GPL compatible, you may compile Vim with GPL libraries and   
distribute it.

## Sponsoring

Fixing bugs and adding new features takes a lot of time and effort. To show   
your appreciation for the work and motivate Bram and others to continue   
working on Vim please send a donation.

Since Bram is back to a paid job the money will now be used to help children   
in Uganda. See runtime/doc/uganda.txt. But at the same time donations   
increase Bram's motivation to keep working on Vim!

For the most recent information about sponsoring look on the Vim web site:

http://www.vim.org/sponsor/

## Contributing

If you would like to help making Vim better, see the [CONTRIBUTING.md](https://github.com/vim/vim/blob/master/CONTRIBUTING.md) file.

## Information

The latest news about Vim can be found on the Vim home page:

http://www.vim.org/

If you have problems, have a look at the Vim documentation or tips:

http://www.vim.org/docs.php

http://vim.wikia.com/wiki/Vim\_Tips\_Wiki

If you still have problems or any other questions, use one of the mailing   
lists to discuss them with Vim users and developers:

http://www.vim.org/maillist.php

If nothing else works, report bugs directly:

Bram Moolenaar <Bram@vim.org>

## Main author

Send any other comments, patches, flowers and suggestions to:

Bram Moolenaar <Bram@vim.org>

To install the package, see this page:

http://deeplearning.net/software/theano/install.html

For the documentation, see the project website:

http://deeplearning.net/software/theano/

Related Projects:

https://github.com/Theano/Theano/wiki/Related-projects

It is recommended that you look at the documentation on the website, as it will be more current than the documentation included with the package.

In order to build the documentation yourself, you will need sphinx. Issue the following command:

python ./doc/scripts/docgen.py

Documentation is built into html/

The PDF of the documentation can be found at html/theano.pdf

DIRECTORY LAYOUT

Theano (current directory) is the distribution directory.

\* Theano/theano contains the package

\* Theano/theano has several submodules:

\* gof + compile are the core

\* scalar depends upon core

\* tensor depends upon scalar

\* sparse depends upon tensor

\* sandbox can depend on everything else

\* Theano/examples are copies of the example found on the wiki

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