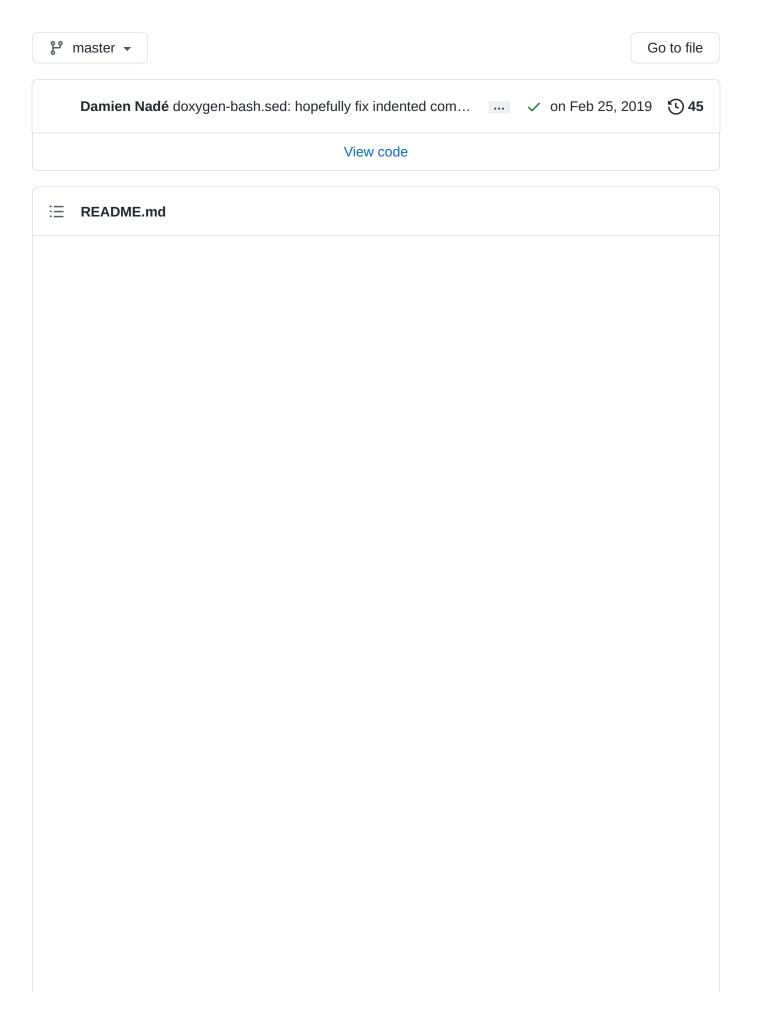
Anvil / bash-doxygen Public

A doxygen filter for bash scripts

₩TFPL license







No releases published

bash-doxygen

Packages

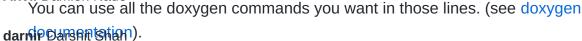
A basic doxygen filter (originally written in GNU sed) allowing you to add inline-No packages published documentation to your bash shell scripts.

Continues 3 shell syntaxes



• All lines starting with a ## (without any leading blanks) are passed to doxygen.

Anvil Damien Nadé





noplament on level declare primitive:

- o declare -a for arrays
- o declare -A for associative arrays

Languages

- o declare -i for integers
- Any other top-level declare statement will consider variable is a string.
 sed 77.4%
 Shell 22.6%
 - Those additional declaration attributes can be combined with -A/-a/-i/:
 - declare -1 will mark the variable as LowerCase
 - declare -u will mark the variable as UpperCase
 - declare -x will mark the variable as Exported
 - declare -r will mark the variable as ReadOnly
 - Additionally, declaring a variable with an export statement will also be recognized and the variable will be marked as an Exported String.
 - Functions declaration will be recognized if all these conditions are met:
 - i. a ## @fn line is found above the function declaration,
 - ii. the function is declared either with or without the non-posix function keyword, but always with ().
 - iii. the body-opening { char is on the same line as the function.

How to use it

- 1. If you do not have a Doxygen configuration file (usually named Doxyfile), you can generate one by simply running doxygen -g.
- 2. Edit the Doxyfile to map shell files to C parser: EXTENSION_MAPPING = sh=C
- 3. Set your shell script file names pattern as Doxygen inputs, like e.g.: FILE_PATTERNS = *.sh
- 4. Mention doxygen-bash.sed in either the INTPUT_FILTER or the FILTER_PATTERN directive of your Doxyfile. If doxygen-bash.sed is in your \$PATH, then you can just invoke it as is, else use sed -n -f /path/to/doxygen-bash.sed -- .

CAREFUL: If you are a BSD and or a Mac user, you will definitely want to use gsed instead of sed to make it work.

Known limitations

Yes.

FAQ

- Q. Does it actually work? A. The bash-argsparse project uses this filter. Check the result. Click on the links. See by yourself.
- Q. Is it rock-solid? A. No.
- Q. Do you accept patches? A. Definitely.
- Q. Why is the project named bash-doxygen while the filter is named doxygen-bash? A. Yeah, haha. Seriously.
- Q. Can I include the doxygen-bash.sed file in my own tarball? A. See the COPYING file.
- Q. Dude. sed? Seriously? A. Are you.. Jealous?
- Q. ... ? A. Don't you dare!