

## Doxygen 使用方法

笔记本: Tools

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### Doxygen 使用方法

#### 1. 安装工具

```
sudo apt install doxygen graphviz
```

#### 2. 生成配置文件

doxygen -g 可以生成配置文件Doxyfile, 通过修改它, 可以开关相应功能



也可以直接使用已经配置好的文件, 需要注意修改以下几个地方  
关键是输入输出路径

```
29 # The PROJECT_NAME tag is a single word (or a sequence of words surrounded by
30 # double-quotes, unless you are using Doxywizard) that should identify the
31 # project for which the documentation is generated. This name is used in the
32 # title of most generated pages and in a few other places.
33 # The default value is: My Project.
34
35 PROJECT_NAME           = "Hmiagent Project"
36
37 # The PROJECT_NUMBER tag can be used to enter a project or revision number. This
38 # could be handy for archiving the generated documentation or if some version
39 # control system is used.
40
41 PROJECT_NUMBER         = V1.0
42
43 # Using the PROJECT_BRIEF tag one can provide an optional one line description
44 # for a project that appears at the top of each page and should give viewer a
45 # quick idea about the purpose of the project. Keep the description short.
46
47 PROJECT_BRIEF          = "Hmiagent Source Code Description"
48
49 # With the PROJECT_LOGO tag one can specify a logo or an icon that is included
50 # in the documentation. The maximum height of the logo should not exceed 55
51 # pixels and the maximum width should not exceed 200 pixels. Doxygen will copy
52 # the logo to the output directory.
53
54 PROJECT_LOGO           = "/home/atom/work/hmiagent/hmiagent-master/doxygen/excelfore.png"
55
56 # The OUTPUT_DIRECTORY tag is used to specify the (relative or absolute) path
57 # into which the generated documentation will be written. If a relative path is
58 # entered, it will be relative to the location where doxygen was started. If
59 # left blank the current directory will be used.
60
61 OUTPUT_DIRECTORY       = doxygen/
```

```
822 #-----
823 # Configuration options related to the input files
824 #-----
825
826 # The INPUT tag is used to specify the files and/or directories that contain
827 # documented source files. You may enter file names like myfile.cpp or
828 # directories like /usr/src/myproject. Separate the files or directories with
829 # spaces. See also FILE_PATTERNS and EXTENSION_MAPPING
830 # Note: If this tag is empty the current directory is searched.
831
832 INPUT          = "/home/atom/work/hmiagent/hmiagent-master"
```

### 3. 生成文档

运行 doxygen Doxyfile