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## Pycharm docstring template

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""" 5. 在 Edit variables 中配置 DATE 和 TIME，使创建时间自动生成 6. 为了使用注释方便，还可添加 更新时间 和 当前时间 7. 在方法下方输入配置的 Abbreviation，使用 Tab 或 回车 都可自动生成注释，见下方代码 使用 Live Templates 添加方法注释有个问题，方法参数无法自动生成，需要从 Docstring format 方法注释复制。因暂未找到 Live Templates 中解析方法参数的pyCharm内置方法；如 IDEA 中解析方法参数的内置方法 methodName()，解析方法返回参数类型的内置方法 methodReturnType()，methodName() 结合 groovyScript("def result="; def params=\${\_1}.replaceAll("[\\|\\s]", "").split(",").toList(); for(i = 0; i < params.size(); i++) {result+= " @param " + params[i] + ((i < params.size() - 1) ? " " : ""); return result", methodParameters())，可实现 Live Templates 中解析方法参数并按格式输出。不知是否是因为pyCharm支持了标准的 Docstring format 而没有设置该方法，找了很长时间都没找到解决方案，期待各大神不吝赐教。注释代码如下：def docstrings\_func\_live\_templates(param\_a, param\_b, param\_c): """ Live Templates 自定义 Parameters ----- Returns ----- :Author: dkjkl:Create: 2019/3/31 16:55 :Blog: Copyright (c) 2019, dkjkl Group All Rights Reserved. """ def docstrings\_func\_live\_templates\_copy(param\_a, param\_b, param\_c): """ Live Templates 自定义 参数从docstrings\_func\_restructuredtext复制，暂未找到live\_templates中解析方法参数的pyCharm内置方法 IDEA 解析方法参数的内置方法 methodName()，解析方法返回参数类型的内置方法 methodReturnType() 结合 groovyScript("def result="; def params=; return result", methodParameters())，可实现 Live Templates 中解析方法参数并按格式输出 Parameters ----- :param int param\_a: 参数a :param str param\_b: 参数b :param bool param\_c: 参数c Returns -- ---- :return: result\_a 结果a :rtype: int :Author: dkjkl:Create: 2019/3/31 16:55 :Blog: Copyright (c) 2019, dkjkl Group All Rights Reserved. """ 参考：-----文档信息----- 版权声明：本文为博主原创文章，未经博主允许不得转载 署名(BY)：dkjkl (dkj卡洛斯) 文章出处：©2020 CSDN 皮肤主题：大白 设计师：CSDN官方博客 返回首页 PyCharm, the Python IDE generate a template for docstring as I start to type in the docstring. This is the template generated for a simple function. def add\_them(x, y): """ :param x: :param y: :return: """ z = x + y return z I dont find it anything similar to the Python's official docstring conventions. Does this template has any use with any documentation generators like readthedocs? How do someone use effectively? What is the proper way to fill the template? thanks. Pycharm presents me with the following template for a docstring: """ :param var1: :param var2: """ for a function def func(var1,var2). Why does Pycharm uses this template? Is there some PEP or (unwritten) convention that this is good style? 本文主要介绍PyCharm中文件模板设置。打开PyCharm设置界面，搜索template，选择File and Code Templates–Python Script，如下图所示，输入自定义模板即可。 template设置 #!usr/bin/env python3 #-\*- coding: utf-8 -\*-. """ @author: txfly @contact:\*\*\*@\*.com @version: 1.0.0 @license: Apache Licence @file: \${NAME}.py @time: \${DATE} \${TIME} """ Copyright © 2000– JetBrains s.r.o. #About PyCharm lets you define live templates that expand a word into a snippet of code with some input fields. They work similar to textmate snippets and snipmate for vim. You can either add your on snippets via File/Settings/Live Templates or select a region and add the text with Tools/Save as Live Template. Live templates are stored in the following location: Windows: %\config\templates Linux: ~\config\templates MacOS: ~/Library/Preferences/templates Example MacOS, PyCharm 3 git clone git@github.com:hoffmann/PyCharm-Python-Templates.git cp PyCharm-Python-Templates/user.xml ~/Library/Preferences/PyCharm30/templates/ You could also copy/paste the template XML to the Python.xml file but that's more work. If you have not defined any user templates yet, you can copy the user.xml to the templates location, otherwise you have to merge the files or add the templates by hand. See for more information. How to use Now you should be able to type "fnpdoc", meaning you type the letters "fnpdoc" and then press the button and it will fill the live template, in this case with the numpy docstring template for a function. Visually, fnpdoc will become: Parameters ----- Returns ----- Raises ----- Page 2#About PyCharm lets you define live templates that expand a word into a snippet of code with some input fields. They work similar to textmate snippets and snipmate for vim. You can either add your on snippets via File/Settings/Live Templates or select a region and add the text with Tools/Save as Live Template. Live templates are stored in the following location: Windows: %\config\templates Linux: ~\config\templates MacOS: ~/Library/Preferences/templates Example MacOS, PyCharm 3 git clone git@github.com:hoffmann/PyCharm-Python-Templates.git cp PyCharm-Python-Templates/user.xml ~/Library/Preferences/PyCharm30/templates/ You could also copy/paste the template XML to the Python.xml file but that's more work. If you have not defined any user templates yet, you can copy the user.xml to the templates location, otherwise you have to merge the files or add the templates by hand. See for more information. How to use Now you should be able to type "fnpdoc", meaning you type the letters "fnpdoc" and then press the button and it will fill the live template, in this case with the numpy docstring template for a function. Visually, fnpdoc will become: Parameters ----- Returns ----- Raises -----

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