

Unit 6.3 Graded Assignment

1. Provide a template Sphinx command line command which auto documents your project. Explain what each flag and each element of your command do.

2. What flag should you add if you use implicit namespaces in your project?

Submitted by:

1. Ali Nasir (2303.KHI.DEG.012)
2. Saif ur Rehman (2303.KHI.DEG.007)

Solution:

1. Provide a template Sphinx command line command which auto documents your project. Explain what each flag and each element of your command do.

sphinx-apidoc -o <output_directory> <module_paths> [options]

The command for Sphinx's apidoc utility, which automatically creates documentation for Python modules, is sphinx-apidoc.

-o : Specifies the output directory where the created documentation files will be placed. Replace with the preferred route. Indicates the path(s) to the module(s) or package(s) for which documentation should be generated. Replace with the actual path(s) to the module(s) or package(s) for your project. Multiple module routes may be specified, with spaces separating them.

This is a placeholder for any other options that you might want to offer. The apidoc utility's behaviour can be modified using options. Specifying exclusion rules, determining the maximum depth for recursive searching, and other settings are typical choices.

2. What flag should you add if you use implicit namespaces in your project?

Include the -e or --implicit-namespaces flag in the Sphinx command if your project makes use of implicit namespaces. By setting this flag, the apidoc tool is instructed to create documentation that takes implicit namespaces into account. With implicit namespaces, modules and packages can be organised more flexibly within a project, and this flag makes sure that the documentation appropriately depicts the organisation of your codebase.