

NAME: Mohammad Hussam (2303.KHI.DEG.020)

PARTNER : MAVIA ALAM KHAN (2303.KHI.DEG.017)

ASSIGNMENT : 6.3

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

ANSWER:

`sphinx-apidoc -o app . -F`

`sphinx-apidoc`: This is the command for running the Sphinx documentation generator tool. It is typically used to generate API documentation from the project's source code

`-o <output_dir>`: This flag specifies the output directory where the generated documentation files will be saved. You need to replace `<output_dir>` with the desired directory path And my output directory name is `app`

`<source_dir>`: This element represents the source directory of your project. Sphinx will recursively search this directory for Python modules and generate documentation for them. You need to replace `<source_dir>` with the path to your project's source code directory.

`-F`: This flag tells Sphinx to overwrite any existing files in the output directory. It forces a full re-generation of the documentation. It is useful when you want to ensure that the documentation is up to date.

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

Answer

By including the `-e` flag, Sphinx will recognize and handle implicit namespaces in your project. This is particularly useful when your project's source code uses packages and modules without explicitly defined namespaces.

The `-e` flag ensures that the generated documentation accurately represents the structure and hierarchy of your codebase, even if namespaces are not explicitly specified.