

## msaSDK Module

### `.utils.doc_code_ref`

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Generate the code reference pages and navigation.

## Functions

### `format_pip_result`

```
format_pip_result(pip_result, version)
```

### `generate_code_reference_documentation`

```
generate_code_reference_documentation(  
    virtual_ref_nav_path: str = "reference",  
    ref_md_file: str = "SUMMARY.md",  
    virtual_requirements_nav_path: str = "requirements",  
    req_md_file: str = "requirements.md",  
    source_path: str = "msaSDK",  
    source_file_type_filter: str = "*.py",  
    requirement_file: str = "requirements.txt",  
    md_file_type: str = ".md",  
    recreate_pip_info: bool = False,  
    exclude_functions: List[str] = [  
        "__init__",  
        "__main__",  
        "main",  
        "run",  
    ],  
    pickle_info_file: str = "docs/saved_req_package_pip_info.pkl",  
)
```

Generates the virtual mkdocs md files and adds them to the navigation.

Scans the requirement file and gets pip show info for each package and stores it to a pickle file.

### `generate_sub_process_result`

```
generate_sub_process_result(requirement_file) -> dict
```

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