

```
import yaml
```

```
def update_mkdocs(
```

```
    class_names,
```

```
    base_path="docs/zeta/nn/modules",
```

```
    mkdocs_file="mkdocs.yml",
```

```
):
```

```
    """
```

Update the mkdocs.yml file with new documentation links.

Args:

- class_names: A list of class names for which documentation is generated.
- base_path: The base path where documentation Markdown files are stored.
- mkdocs_file: The path to the mkdocs.yml file.

```
    """
```

```
    with open(mkdocs_file) as file:
```

```
        mkdocs_config = yaml.safe_load(file)
```

```
    # Find or create the 'zeta.nn.modules' section in 'nav'
```

```
    zeta_modules_section = None
```

```
    for section in mkdocs_config.get("nav", []):
```

```
        if "zeta.nn.modules" in section:
```

```
            zeta_modules_section = section["zeta.nn.modules"]
```

```
            break
```

if zeta_modules_section is None:

zeta_modules_section = {}

mkdocs_config["nav"].append(

 {"zeta.nn.modules": zeta_modules_section}

)

Add the documentation paths to the 'zeta.nn.modules' section

for class_name in class_names:

 doc_path = f"{base_path}/{class_name.lower()}.md"

 zeta_modules_section[class_name] = doc_path

Write the updated content back to mkdocs.yml

with open(mkdocs_file, "w") as file:

 yaml.safe_dump(mkdocs_config, file, sort_keys=False)

Example usage

classes = [

 "DenseBlock",

 "HighwayLayer",

 "MultiScaleBlock",

 "FeedbackBlock",

 "DualPathBlock",

 "RecursiveBlock",

 "PytorchGELUTanh",

 "NewGELUActivation",

```
"GELUActivation",  
"FastGELUActivation",  
"QuickGELUActivation",  
"ClippedGELUActivation",  
"AccurateGELUActivation",  
"MishActivation",  
"LinearActivation",  
"LaplaceActivation",  
"ReLUSquaredActivation",  
]
```

```
update_mkdocs(classes)
```