

# msaSDK Module

## `.admin.site`

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## Attributes

## Classes

### AdminSite

Bases: `BaseAdminSite`

Admin Site, registers all defined Pages for the UI and the Routers

#### Functions

`__init__`

```
__init__(msa_app: MSAApp)
```

### DocsAdmin

Bases: `IframeAdmin`

Admin Page for the OpenAPI Documentation as a IFrame

#### Attributes

`group_schema` class-attribute

```
group_schema = PageSchema(  
    label="API Docs", icon="fa fa-book", sort=-100  
)
```

`page_schema` class-attribute

```
page_schema = PageSchema(label="OpenAPI", icon="fa fa-book")
```

## Functions

**src** property

```
src()
```

## FileAdmin

Bases: RouterAdmin

Admin API Router for General FileUpload

### Attributes

**file\_directory** instance-attribute

```
file_directory = self.file_directory or self.file_path
```

**file\_max\_size** class-attribute

```
file_max_size: int = 2 * 1024 * 1024
```

**file\_path** class-attribute

```
file_path: str = '/upload'
```

**router\_prefix** class-attribute

```
router_prefix = '/file'
```

API route prefix for URL

**static\_path** instance-attribute

```
static_path = self.mount_staticfile()
```

## Classes

### UploadOutSchema

Bases: BaseModel

Upload Pydantic Response Model

## Attributes

filename class-attribute

```
filename: str = None
```

url class-attribute

```
url: str = None
```

## Functions

### `__init__`

```
__init__(app: AdminApp)
```

### `get_filename`

```
get_filename(file: UploadFile)
```

### `mount_staticfile`

```
mount_staticfile() -> str
```

Mount upload file\_directory as StaticFiles Directory

### `register_router`

```
register_router()
```

Register the upload function as API Router

## HomeAdmin

Bases: PageAdmin

Admin Home Page

### Attributes

group\_schema class-attribute

```
group_schema = None
```

page\_path class-attribute

```
page_path = '/home'
```

page\_schema class-attribute

```
page_schema = PageSchema(  
    label=_("Home"),  
    icon="fa fa-home",  
    url="/home",  
    isDefaultPage=True,  
    sort=100,  
)
```

## Functions

get\_page async

```
get_page(request: Request) -> Page
```

## ProfilerAdmin

Bases: IframeAdmin

Admin Page for the Profiler Result HTML as a IFrame

## Attributes

group\_schema class-attribute

```
group_schema = None
```

page\_schema class-attribute

```
page_schema = PageSchema(  
    label="Profiler", icon="fa fa-microchip", sort=-110  
)
```

## Functions

src property

```
src()
```

## ReDocsAdmin

Bases: `IframeAdmin`

Admin Page for the ReDoc Documentation as a IFrame

### Attributes

`group_schema` `class-attribute`

```
group_schema = PageSchema(  
    label="API Docs", icon="fa fa-book", sort=-100  
)
```

`page_schema` `class-attribute`

```
page_schema = PageSchema(label='Redocs', icon='fa fa-book')
```

### Functions

`src` `property`

```
src()
```

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