msaSDK Module

`.msaapi`

Classes

MSAFastAPI

Bases: `FastAPI` , `JustpyApp`

a MSAFastAPI application is a special FastAPI application It includes justpy UI routing

Attributes

UI_STATIC_NAME `instance-attribute`

```
UI_STATIC_NAME = 'static'
```

UI_STATIC_ROUTE `instance-attribute`

```
UI_STATIC_ROUTE = '/static'
```

WebPage `instance-attribute`

```
WebPage = WebPage
```

jpui_ajax_url `instance-attribute`

```
jpui_ajax_url: str = '/zzz_justpy_ajax'
```

jpui_current_dir `instance-attribute`

```
jpui_current_dir = 'jpui/justpy'
```

jpui_websocket_url `instance-attribute`

```
    jpui_websocket_url: str = '/'
```

Functions

__init__

```
__init__(
    *,
    debug: bool = False,
    routes: Optional[List[BaseRoute]] = None,
    title: str = "FastAPI",
    description: str = "",
    version: str = "0.1.0",
    openapi_url: Optional[str] = "/openapi.json",
    openapi_tags: Optional[List[Dict[str, Any]]] = None,
    servers: Optional[
        List[Dict[str, Union[str, Any]]]
    ] = None,
    dependencies: Optional[Sequence[Depends]] = None,
    default_response_class: Type[Response] = Default(
        JSONResponse
    ),
    docs_url: Optional[str] = "/docs",
    redoc_url: Optional[str] = "/redoc",
    swagger_ui_oauth2_redirect_url: Optional[
        str
    ] = "/docs/oauth2-redirect",
    swagger_ui_init_oauth: Optional[Dict[str, Any]] = None,
    middleware: Optional[Sequence[Middleware]] = None,
    exception_handlers: Optional[
        Dict[
            Union[int, Type[Exception]],
            Callable[
                [Request, Any],
                Coroutine[Any, Any, Response],
            ],
        ]
    ] = None,
    on_startup: Optional[
        Sequence[Callable[[], Any]]
    ] = None,
    on_shutdown: Optional[
        Sequence[Callable[[], Any]]
    ] = None,
    terms_of_service: Optional[str] = None,
    contact: Optional[Dict[str, Union[str, Any]]] = None,
    license_info: Optional[
        Dict[str, Union[str, Any]]
    ] = None,
    openapi_prefix: str = "",
    root_path: str = "",
    root_path_in_servers: bool = True,
    responses: Optional[
        Dict[Union[int, str], Dict[str, Any]]
    ] = None,
```

```
    callbacks: Optional[List[BaseRoute]] = None,
    deprecated: Optional[bool] = None,
    include_in_schema: bool = True,
    swagger_ui_parameters: Optional[Dict[str, Any]] = None,
    generate_unique_id_function: Callable[
        [routing.APIRoute], str
    ] = Default(generate_unique_id),
    **extra: Any
) -> None
```

mount_jp_internal_routes

```
mount_jp_internal_routes()
```

Last update: September 20, 2022

Created: September 20, 2022