msaSDK Module

`.utils.profiler`

Classes

MSAProfilerMiddleware

PyInstrument Profiler as Middleware

Used to create a HTML from the Profiler result if enabled in the MSAServiceDefinition instance.

PARAMETER	DESCRIPTION
`msa_app`	Optional[Router] = None, Instance of the MSAApp **TYPE:** `Optional[Router]` **DEFAULT:** `None`
`profiler_interval`	float = 0.0001, **TYPE:** `float` **DEFAULT:** `0.0001`
`profiler_output_type`	str = "html", `text` or `html` should be html if Admin Site Profiler Page should be used. **TYPE:** `str` **DEFAULT:** `'html'`
`track_each_request`	bool = True, Tracks each single request and profiles it immediatly, if off then profiler creates result while shutdwon event. **TYPE:** `bool` **DEFAULT:** `True`
`**profiler_kwargs`	other pyinstrument args like 'html_file_name' **TYPE:** `Dict` **DEFAULT:** `{}`

Attributes

app `instance-attribute`

```
app = app
```

> Linked/Mounted MSAApp Instance

Functions

__call__ `async`

```
__call__(
    scope: Scope, receive: Receive, send: Send
) -> None
```

> register an event handler for profiler stop

__init__

```
__init__(
    app: ASGIApp,
    *,
    msa_app: Optional[Router] = None,
    profiler_interval: float = 0.0001,
    profiler_output_type: str = "html",
    track_each_request: bool = True,
    **profiler_kwargs: Dict
)
```

get_profiler_result `async`

```
get_profiler_result()
```

> Produces the profiler result in the defined output type format, `text` or `html`

Last update: September 13, 2022

Created: September 13, 2022