

msaSDK Module

`.utils.healthcheck`

Attributes

`__version__` module-attribute

```
__version__ = '0.1.0'
```

Classes

MSAHealthCheck

Bases: Thread

Attributes

`error` instance-attribute

```
error: str = ''
```

`healthy` instance-attribute

```
healthy: str = 'No Healthcheck executed yet:400'
```

`interval` instance-attribute

```
interval = healthdefinition.interval
```

`is_healthy` instance-attribute

```
is_healthy: bool = False
```

url instance-attribute

```
url = 'http://{}:{}/'.format(host, port)
```

Functions

`__init__`

```
__init__(
    healthdefinition: MSAHealthDefinition,
    host: str,
    port: int,
)
```

MSAHealthCheckObject, provides a thread to give a healthcheck.

| PARAMETER | DESCRIPTION |
|-------------------------------|--|
| <code>healthdefinition</code> | The MSAHealthDefinition instance TYPE: <code>MSAHealthDefinition</code> |
| <code>host</code> | IP/URI to call the healthcheck endpoint TYPE: <code>str</code> |
| <code>port</code> | Port of the healthcheck endpoint server listener/endpoint TYPE: <code>int</code> |

get_health async

```
get_health() -> str
```

Get the last health check result

The string is "positiv: status_code" or "negative: status_code"

run

```
run()
```

Run the Healthcheck Thread

Sleeps by the interval provided by the MSAHealthDefinition.

Uses httpx to call the healthcheck endpoint which is `http://{}:{}/'.format(host, port)`

Any `200 <= response.status_code < 300` is healthy, rest is not healthy

stop async

```
stop()
```

Stops the Healthcheck Thread.

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