msaSDK Module

`.utils.healthcheck`

Attributes

__version__ `module-attribute`

```
__version__ = '0.1.1'
```

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
`healthdefinition`	The MSAHealthDefinition instance **TYPE:** `MSAHealthDefinition`
`host`	IP/URI to call the healtcheck endpoint **TYPE:** `str`
`port`	Port of the healtcheck endpoint server listener/endpoint **TYPE:** `int`

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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