

# msaUtils Module

## .errorhandling

### Classes

#### MSABaseExceptionHandler

##### Attributes

stack\_trace instance-attribute

```
stack_trace = list()
```

##### Functions

###### \_\_init\_\_

```
__init__() -> None
```

###### handle

```
handle(ex: Exception, *args)
```

handle Exception

Get the current system exception, extract unformatter stack traces as tuples.



Formats stacktrace to: File : %s , Line : %d, Func.Name : %s, Message : %s

Logs the information with logger.error() str, args, type, value, stack\_trace

RAISES	DESCRIPTION
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<code>TypeError</code>	Exception: ... Arguments: ... Message: ... Stack trace: ...

## Functions

### getMSABaseExceptionHandler cached

```
getMSABaseExceptionHandler() -> MSABaseExceptionHandler
```

This function returns a cached instance of the MSABaseExceptionHandler object.

#### Note

Caching is used to prevent re-reading the environment every time the MSABaseExceptionHandler is used.

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