

# msaSDK Module

## **.utils.errorhandling**

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### Attributes

**\_\_version\_\_** module-attribute

```
__version__ = '0.1.1'
```

### 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
<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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