

BacktraceException

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1 Main Page

BacktraceException is a C++ exception type that produces a backtrace when thrown. It can capture this backtrace with several methods and the backtrace can be disabled. The goal is for the library to work on both Linux and windows 64-bit.

Using Backtrace Exception

CMake configuration options

Backtrace Methods

2 Namespace Index

2.1 Namespace List

Here is a list of all namespaces with brief descriptions:

backtrace_exception	2
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3 File Index

3.1 File List

Here is a list of all files with brief descriptions:

[BacktraceException.cpp](#)

BacktraceException class member function definitions

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4 Namespace Documentation

4.1 `backtrace_exception` Namespace Reference

Functions

- BacktraceMethod [get_backtrace_method](#) ()
- void [set_backtrace_method](#) (BacktraceMethod method)
- void [disable_backtraces](#) ()
- void [enable_backtraces](#) ()
- bool [backtraces_enabled](#) ()

4.1.1 Function Documentation

4.1.1.1 `bool backtrace_exception::backtraces_enabled ()`

Definition at line 84 of file `BacktraceException.cpp`.

4.1.1.2 `void backtrace_exception::disable_backtraces ()`

Definition at line 74 of file `BacktraceException.cpp`.

4.1.1.3 `void backtrace_exception::enable_backtraces ()`

Definition at line 79 of file `BacktraceException.cpp`.

4.1.1.4 `BacktraceMethod backtrace_exception::get_backtrace_method ()`

Definition at line 46 of file `BacktraceException.cpp`.

4.1.1.5 `void backtrace_exception::set_backtrace_method (BacktraceMethod method)`

Definition at line 51 of file `BacktraceException.cpp`.

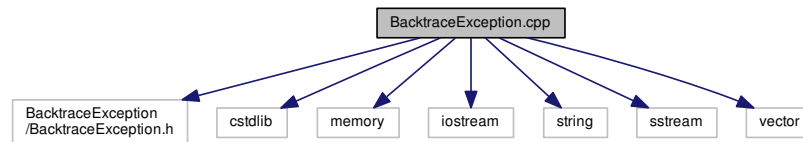
5 File Documentation

5.1 `BacktraceException.cpp` File Reference

BacktraceException class member function definitions.

```
#include "BacktraceException/BacktraceException.h"
#include <cstdlib>
#include <memory>
#include <iostream>
#include <string>
#include <sstream>
#include <vector>
```

Include dependency graph for BacktraceException.cpp:



Namespaces

- [backtrace_exception](#)

Functions

- BacktraceMethod [backtrace_exception::get_backtrace_method\(\)](#)
- void [backtrace_exception::set_backtrace_method](#) (BacktraceMethod method)
- void [backtrace_exception::disable_backtraces\(\)](#)
- void [backtrace_exception::enable_backtraces\(\)](#)
- bool [backtrace_exception::backtraces_enabled\(\)](#)

5.1.1 Detailed Description

BacktraceException class member function definitions.

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Date

2017 - 2018

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Definition in file [BacktraceException.cpp](#).

5.2 README.md File Reference

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