

[Accelerate](#) / `BNNSGraphCompileOptionsSetMessageLogMask(_:_:)`

Function

BNNSGraphCompileOptionsSetMessageLogMask(_:_:)

Sets the mask for compile-time messages.

iOS 18.0+ | iPadOS 18.0+ | Mac Catalyst 18.0+ | macOS 15.0+ | tvOS 18.0+ | visionOS 2.0+ | watchOS 11.0+

```
func BNNSGraphCompileOptionsSetMessageLogMask(
    _ options: bnns_graph_compile_options_t,
    _ log_level_mask: UInt32
)
```

Parameters

`options`

The compilation options object.

`log_level_mask`

The bit mask of levels that BNNS logs.

Discussion

The default log mask is `BNNSGraphMessageLevelUnsupported | BNNSGraphMessageLevelWarning | BNNSGraphMessageLevelError`.

The following code adds a custom graph compile-message callback function that prints `BNNSGraphMessageLevelInfo` level messages to the console:

```
let options = BNNSGraphCompileOptionsMakeDefault()
defer {
```

```

    BNNSGraphCompileOptionsDestroy(options)
}

BNNSGraphCompileOptionsSetMessageLogMask(options, BNNSGraphMessageLevelInfo.rawValue)
BNNSGraphCompileOptionsSetMessageLogCallback(options, messageLogCallback, nil)

func messageLogCallback(msg_level: BNNSGraphMessageLevel,
                        error_msg: UnsafePointer<CChar>,
                        source_location: UnsafePointer<CChar>?,
                        user_message_data_t:UnsafeMutablePointer<user_message_data_t>) {
    print(NSString(cString: error_msg, encoding: NSUTF8StringEncoding) ?? "")
    if let source_location = source_location {
        print(NSString(cString: source_location, encoding: NSUTF8StringEncoding) ?? "")
    }
}
}

```

See Also

Specifying a graph's compile-time message callback

```
func BNNSGraphContextSetMessageLogMask(bnns_graph_context_t, UInt32) -> Int32
```

Sets mask for log messages that are logged (either via `os_log` or the user specified callback)

```
struct BNNSGraphMessageLevel
```

Constants that specify the mask for compile-time messages.

```
func BNNSGraphCompileOptionsSetMessageLogCallback(bnns_graph_compile_options_t, bnns_graph_compile_message_fn_t, UnsafeMutablePointer<bnns_user_message_data_t>?)
```

Specifies a customized callback function that reports compile-time messages.

```
 typealias bnns_graph_compile_message_fn_t
```

The graph compile-message logging callback function.

```
struct bnns_user_message_data_t
```

Additional user-defined logging argument for message-logging callbacks.

