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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.

