

MBS Real Studio EyeOne Plugin Documentation

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May 15, 2012

0.1 Introduction

This is the PDF version of the documentation for the Real Studio Plug-in from Monkeybread Software Germany. Plugin part: MBS Real Studio EyeOne Plugin

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Chapter 2

Eye-One Color

2.1 class EyeOneMBS

class EyeOneMBS

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** A class which handles the EyeOneSDK from Realbasic.

Example:

```
dim d as integer
dim i1 as EyeOneMBS

i1=new EyeOneMBS
' ... other stuff
d=i1.SetOption("Reset","All")
```

Notes:

Check the website for more details:
<http://www.i1color.com/>

This class just reproduces the functions from the C SDK so you may get the docs from this SDK for more details.

You may need to do a Reset on the end of your application to avoid a crash on Mach-O Targets.

2.1.1 Methods

Available as Boolean

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** True if the shared library was loaded.

Calibrate as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Calibrates the Eye-One hardware device.

Notes: Returns -1 in case the shared library was not loaded.

GetDensities(values as memoryblock, byref pxAutoDensityIndex as integer, axIndex as integer) as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Get all possible densities (CMYK) of a previous triggered measurement.

Notes:

The memoryblock is filled with single values.

Returns -1 in case the shared library was not loaded.

GetDensity(byref yxDensity as single, axIndex as integer) as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Get the density of a previous triggered measurement.

Notes: Returns -1 in case the shared library was not loaded.

GetNumberOfAvailableSamples as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Returns the number of available samples for the current measurement mode.

Notes: Returns -1 in case the shared library was not loaded.

GetOption(key as string) as string

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Returns information about the current state of the Eye-One hardware device and its measurement conditions.

Example:

```
dim e as EyeOneMBS
dim f as FolderItem

f=GetFolderItem("iC.framework")
e=new EyeOneMBS
if e.LoadFrameworkFile(f) then
msgbox e.GetOption(EyeOneMBS.II_ VERSION)
else
msgbox "Failed to load "+f.name
end if
```

Notes: Returns "" in case the shared library was not loaded.

GetSpectrum(values as memoryblock, axIndex as integer) as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Get the spectrum of a previous triggered measurement.

Notes:

The memoryblock is filled with single values.

Returns -1 in case the shared library was not loaded.

Memoryblock must be at least big enough for 36 single values (144 bytes).

GetTriStimulus(values as memoryblock, axIndex as integer) as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Get the tri-stimulus of a previous triggered measurement.

Notes:

The memoryblock is filled with single values.
Returns -1 in case the shared library was not loaded.

Memoryblock must be at least big enough for 3 single values (12 bytes).

IsConnected as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Tests if a hardware device is connected.

Notes: Returns -1 in case the shared library was not loaded.

KeyPressed as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Tests if the key on the Eye-One Pro hardware device has been pressed. You can use this method to wait for the user before scanning.

Notes: Returns -1 in case the shared library was not loaded.

LibraryLoadError as Integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** The platform dependent error code from the LoadLibrary function.

Notes: 0 if successful.

LibraryLoadErrorMessage as String

Plugin Version: 5.4 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** An error message if available.

Notes:

The Mac OS error string from LoadCFMLibrary.
Empty if no error occurred.

LoadDLL(name as string) as boolean

Plugin Version: 5.4 Console & Web: Yes Mac: No, Win: Yes, Linux: No, . **Function:** Loads the shared library.

Notes:

Pass the ASCII encoded path string.
e.g. name "eyeone" or "eyeone.dll" or a full path "C:\Eyeone\eyeone.dll".
Returns true on success and false on failure.
Deprecated in plugin version 10.4.

LoadFramework(name as string) as boolean

Plugin Version: 5.4 Console & Web: Yes Mac: Yes, Win: No, Linux: No, . **Function:** Loads the EyeOne framework.

Notes:

Pass the name of the framework.
e.g. "i1C.framework"
Deprecated in plugin version 10.4.

LoadFrameworkFile(folderitem as folderitem) as boolean

Plugin Version: 5.4 Console & Web: Yes Mac: Yes, Win: No, Linux: No, . **Function:** Loads the EyeOne framework.

Example:

```
dim f as FolderItem  
dim s as EyeOneMBS
```

```
f=SpecialFolder.Desktop.Child("i1C.framework")  
s=new EyeOneMBS
```

```

if s.LoadFrameworkFile(f) then
  MsgBox "OK"
end if

```

Notes:

Pass the folderitem of the framework.
 Deprecated in plugin version 10.4.

LoadInternalDLL(data as string) as boolean

Plugin Version: 5.4 Console & Web: Yes Mac: No, Win: Yes, Linux: No, . **Function:** Loads the shared library from inside the project.

Notes:

Drop the DLL into your project and pass it as string.
 Returns true on success and false on failure.

LoadLibrary(file as folderitem) as boolean

Plugin Version: 10.4 Console & Web: Yes Mac: Yes, Win: Yes, Linux: Yes, . **Function:** Loads the EyeOne shared library.

Notes: Loads a Windows DLL, a Linux shared library, a Mac OS X shared library or a Mac OS X framework from the given path.

See also:

- 2.1.1 LoadLibrary(path as string) as boolean

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LoadLibrary(path as string) as boolean

Plugin Version: 10.4 Console & Web: Yes Mac: Yes, Win: Yes, Linux: Yes, . **Function:** Loads the EyeOne shared library.

Notes: Loads a Windows DLL, a Linux shared library, a Mac OS X shared library or a Mac OS X framework from the given path.

See also:

- 2.1.1 LoadLibrary(file as folderitem) as boolean

RegisterDeviceMessageEvent

Plugin Version: 5.4 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Registers a device message event handler callback function.

Notes: Only one class can have an activate device message event handler at a given time.

RegisterErrorEvent

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Registers an error handler callback function.

Notes:

In case of an error, this handler is invoked before returning from a call to the Eye-One-SDK. Only one class can have an activate error event at a given time.

SetOption(key as string, value as string) as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Used to set the desired device type, measurement mode and physical measurement conditions.

Notes: Returns -1 in case the shared library was not loaded.

SetSubstrate(values as memoryblock) as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Sets the substrate reference spectrum that is needed for density calculations.

Notes:

The memoryblock is filled with single values.

Returns -1 in case the shared library was not loaded.

TriggerMeasurement as integer

Plugin Version: 3.3 Console & Web: Yes Mac: Yes, Win: Yes, Linux: No, . **Function:** Triggers a measurement depending on the current measurement mode.

Notes:

Before a measurement can be triggered the device must be calibrated in the desired measurement mode. Returns -1 in case the shared library was not loaded.

2.1.2 Events

DeviceMessage(Message as integer, text as string)

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: No, . **Function:** A message was received from the device.

Error(context as string, errorcode as integer, text as string)

Plugin Version: 3.3 Console & Web: No Mac: Yes, Win: Yes, Linux: No, . **Function:** The error callback.

2.1.3 Constants

COLOR_SPACE_CIELab="CIELab"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_SPACE_CIELCh="CIELCh"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ CIELChuv="CIELChuv"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ CIELuv="CIELuv"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ CIExyY="CIExyY"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ CIEXYZ="CIEXYZ"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ CIE_ UV_ Y1960="CIEuvY1960"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ CIE_ UV_ Y1976="CIEuvY1976"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ HunterLab="HunterLab"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ KEY="ColorSpaceDescription.Type"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ LAB_ MG="LABmg"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ LCH_ MG="LCHmg"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ RGB="RGB"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

COLOR_ SPACE_ RXRYRZ="RxRyRz"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_FILTER_MODE_AUTO="Auto"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_FILTER_MODE_BLACK="Black"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_FILTER_MODE_CYAN="Cyan"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_FILTER_MODE_KEY="Colorimetric.DensityFilterMode"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_FILTER_MODE_MAGENTA="Magenta"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_FILTER_MODE_MAX="Max"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_FILTER_MODE_YELLOW="Yellow"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_SIZE=4

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_STANDARD_ANSIA="ANSIA"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_STANDARD_ANSIE="ANSIE"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_STANDARD_ANSII="ANSII"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_STANDARD_ANSIT="ANSIT"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_STANDARD_DIN="DIN"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_STANDARD_DINNB="DINNB"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_STANDARD_KEY="Colorimetric.DensityStandard"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

DENSITY_STANDARD_SPI="SPI"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

eDeviceButtonPressed=0

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eDeviceDisconnected=1

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eDeviceNotCalibrated=3

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eDeviceNotConnected=2

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eDeviceNotReady=1

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eException=9

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eInvalidArgument=10

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eKeyNotPressed=4

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eNoDataAvailable=8

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eNoError=0

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eNoSubstrateWhite=5

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eStripRecognitionFailed=7

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eUnknownError=11

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eWrongDeviceType=12

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

eWrongMeasureMode=6

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class for error codes.

I1_ ALL="All"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ AUTO="Auto"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ AVAILABLE_MEASUREMENT_MODES="AvailableMeasurementModes"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ BLEAK="Bleak"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ BRIGHT="Bright"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ BUILD_ VERSION="BuildVersion"

Plugin Version: 7.7 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used to get the version.

I1_ CALIBRATION_ COUNT="LastCalibrationCounter"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ CRT_ SCREEN="CRT"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ DEVICE_ TYPE="DeviceType"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ DISPLAY="EyeOneDisplay"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ EXTENDED_ ERROR_ INFORMATION="ExtendedErrorInformation"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ EYEOONE="EyeOne"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ INTEGRATION_ TIME="IntegrationTime"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ IS_ ADAPTIVE_ MODE_ ENABLED="AdaptiveMode"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ IS_ BEEP_ ENABLED="Beep"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ IS_ CONNECTED="Connection"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ IS_ KEY_ PRESSED="IsKeyPressed"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ IS_ NETPROFILER_ ENABLED="NetProfiler"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ IS_ RECOGNITION_ ENABLED="Recognition"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ LAST_ AUTO_ DENSITY_ FILTER="LastAutoDensityFilter"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ LAST_ CALIBRATION_ TIME="LastCalibrationTime"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ LAST_ ERROR="LastError"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ LCD_ SCREEN="LCD"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ MAJOR_ VERSION="MajorVersion"

Plugin Version: 7.7 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used to get the version.

I1_ MEASUREMENT_ MODE="MeasurementMode"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ MINOR_ VERSION="MinorVersion"

Plugin Version: 7.7 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used to get the version.

I1_ NO="no"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ NO_ FILTER="1"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ NUMBER_ OF_ AVAILABLE_ SAMPLES="AvailableSamples"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ PATCH_ INTENSITY="PatchIntensity"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ PHYSICAL_ FILTER="PhysicalFilter"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ RESET="Reset"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ REVISION_ VERSION="RevisionVersion"

Plugin Version: 7.7 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used to get the version.

I1_ SCANNING_ AMBIENT_ LIGHT="ScanningAmbientLight"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ SCANNING_ REFLECTANCE="ScanningReflectance"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ SCREEN_ TYPE="ScreenType"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ SERIAL_ NUMBER="SerialNumber"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ SINGLE_ AMBIENT_ LIGHT="SingleAmbientLight"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ SINGLE_ EMISSION="SingleEmission"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ SINGLE_ REFLECTANCE="SingleReflectance"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ UNDEFINED_ FILTER="0"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ UV_ FILTER="2"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ VERSION="Version"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

I1_ YES="yes"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ A="A"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ B="B"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ C="C"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ D50="D50"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ D55="D55"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ D65="D65"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ D75="D75"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ EMISSION="Emission"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ F11="F11"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ F2="F2"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ F7="F7"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

ILLUMINATION_ KEY="Colorimetric.Illumination"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

OBSERVER_ KEY="Colorimetric.Observer"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

OBSERVER_ TEN_ DEGREE="TenDegree"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

OBSERVER_ TWO_ DEGREE="TwoDegree"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

SPECTRUM_ SIZE=36

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

TRISTIMULUS_ SIZE=3

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

UNDEFINED="Undefined"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

WAVE_LENGTH_380="380nm"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

WAVE_LENGTH_730="730nm"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

WHITE_BASE_ABSOLUTE="Absolute"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

WHITE_BASE_AUTOMATIC="Automatic"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

WHITE_BASE_KEY="Colorimetric.WhiteBase"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

WHITE_ BASE_ PAPER="Paper"

Plugin Version: 5.4 Console & Web: No Mac: Yes, Win: Yes, Linux: Yes, . **Function:** One of the constants used in the EyeOneMBS class.

Chapter 3

List of all classes

- EyeOneMBS

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