JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Tree](http://docs.google.com/package-tree.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/org/opencv/android/LoaderCallbackInterface.html)
* [Next Class](http://docs.google.com/org/opencv/android/Utils.html)
* [Frames](http://docs.google.com/index.html?org/opencv/android/OpenCVLoader.html)
* [No Frames](http://docs.google.com/OpenCVLoader.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* [Field](#3znysh7) |
* [Constr](#2et92p0) |
* [Method](#tyjcwt)
* Detail:
* [Field](#1t3h5sf) |
* [Constr](#qsh70q) |
* [Method](#1pxezwc)

org.opencv.android

## Class OpenCVLoader

* java.lang.Object
  + org.opencv.android.OpenCVLoader
* public class OpenCVLoader  
  extends java.lang.Object  
  Helper class provides common initialization methods for OpenCV library.

### Field SummaryFields

| Modifier and Type | Field and Description |
| --- | --- |
| static java.lang.String | [**OPENCV\_VERSION**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION) Current OpenCV Library version |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_10**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_10) OpenCV Library version 2.4.10. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_11**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_11) OpenCV Library version 2.4.11. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_12**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_12) OpenCV Library version 2.4.12. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_13**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_13) OpenCV Library version 2.4.13. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_2**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_2) OpenCV Library version 2.4.2. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_3**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_3) OpenCV Library version 2.4.3. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_4**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_4) OpenCV Library version 2.4.4. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_5**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_5) OpenCV Library version 2.4.5. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_6**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_6) OpenCV Library version 2.4.6. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_7**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_7) OpenCV Library version 2.4.7. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_8**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_8) OpenCV Library version 2.4.8. |
| static java.lang.String | [**OPENCV\_VERSION\_2\_4\_9**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_2_4_9) OpenCV Library version 2.4.9. |
| static java.lang.String | [**OPENCV\_VERSION\_3\_0\_0**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_3_0_0) OpenCV Library version 3.0.0. |
| static java.lang.String | [**OPENCV\_VERSION\_3\_1\_0**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_3_1_0) OpenCV Library version 3.1.0. |
| static java.lang.String | [**OPENCV\_VERSION\_3\_2\_0**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_3_2_0) OpenCV Library version 3.2.0. |
| static java.lang.String | [**OPENCV\_VERSION\_3\_3\_0**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_3_3_0) OpenCV Library version 3.3.0. |
| static java.lang.String | [**OPENCV\_VERSION\_3\_4\_0**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OPENCV_VERSION_3_4_0) OpenCV Library version 3.4.0. |

### Constructor SummaryConstructors

| Constructor and Description |
| --- |
| [**OpenCVLoader**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#OpenCVLoader())() |

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| static boolean | [**initAsync**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#initAsync(java.lang.String,%20android.content.Context,%20org.opencv.android.LoaderCallbackInterface))(java.lang.String Version, android.content.Context AppContext, [LoaderCallbackInterface](http://docs.google.com/org/opencv/android/LoaderCallbackInterface.html) Callback) Loads and initializes OpenCV library using OpenCV Engine service. |
| static boolean | [**initDebug**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#initDebug())() Loads and initializes OpenCV library from current application package. |
| static boolean | [**initDebug**](http://docs.google.com/org/opencv/android/OpenCVLoader.html#initDebug(boolean))(boolean InitCuda) Loads and initializes OpenCV library from current application package. |

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Field Detail

#### OPENCV\_VERSION public static final java.lang.String OPENCV\_VERSION Current OpenCV Library versionSee Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION)

#### OPENCV\_VERSION\_2\_4\_10 public static final java.lang.String OPENCV\_VERSION\_2\_4\_10 OpenCV Library version 2.4.10.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_10)

#### OPENCV\_VERSION\_2\_4\_11 public static final java.lang.String OPENCV\_VERSION\_2\_4\_11 OpenCV Library version 2.4.11.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_11)

#### OPENCV\_VERSION\_2\_4\_12 public static final java.lang.String OPENCV\_VERSION\_2\_4\_12 OpenCV Library version 2.4.12.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_12)

#### OPENCV\_VERSION\_2\_4\_13 public static final java.lang.String OPENCV\_VERSION\_2\_4\_13 OpenCV Library version 2.4.13.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_13)

#### OPENCV\_VERSION\_2\_4\_2 public static final java.lang.String OPENCV\_VERSION\_2\_4\_2 OpenCV Library version 2.4.2.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_2)

#### OPENCV\_VERSION\_2\_4\_3 public static final java.lang.String OPENCV\_VERSION\_2\_4\_3 OpenCV Library version 2.4.3.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_3)

#### OPENCV\_VERSION\_2\_4\_4 public static final java.lang.String OPENCV\_VERSION\_2\_4\_4 OpenCV Library version 2.4.4.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_4)

#### OPENCV\_VERSION\_2\_4\_5 public static final java.lang.String OPENCV\_VERSION\_2\_4\_5 OpenCV Library version 2.4.5.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_5)

#### OPENCV\_VERSION\_2\_4\_6 public static final java.lang.String OPENCV\_VERSION\_2\_4\_6 OpenCV Library version 2.4.6.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_6)

#### OPENCV\_VERSION\_2\_4\_7 public static final java.lang.String OPENCV\_VERSION\_2\_4\_7 OpenCV Library version 2.4.7.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_7)

#### OPENCV\_VERSION\_2\_4\_8 public static final java.lang.String OPENCV\_VERSION\_2\_4\_8 OpenCV Library version 2.4.8.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_8)

#### OPENCV\_VERSION\_2\_4\_9 public static final java.lang.String OPENCV\_VERSION\_2\_4\_9 OpenCV Library version 2.4.9.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_2_4_9)

#### OPENCV\_VERSION\_3\_0\_0 public static final java.lang.String OPENCV\_VERSION\_3\_0\_0 OpenCV Library version 3.0.0.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_3_0_0)

#### OPENCV\_VERSION\_3\_1\_0 public static final java.lang.String OPENCV\_VERSION\_3\_1\_0 OpenCV Library version 3.1.0.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_3_1_0)

#### OPENCV\_VERSION\_3\_2\_0 public static final java.lang.String OPENCV\_VERSION\_3\_2\_0 OpenCV Library version 3.2.0.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_3_2_0)

#### OPENCV\_VERSION\_3\_3\_0 public static final java.lang.String OPENCV\_VERSION\_3\_3\_0 OpenCV Library version 3.3.0.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_3_3_0)

#### OPENCV\_VERSION\_3\_4\_0 public static final java.lang.String OPENCV\_VERSION\_3\_4\_0 OpenCV Library version 3.4.0.See Also:[Constant Field Values](http://docs.google.com/constant-values.html#org.opencv.android.OpenCVLoader.OPENCV_VERSION_3_4_0)

### Constructor Detail

#### OpenCVLoader public OpenCVLoader()

### Method Detail

#### initAsync public static boolean initAsync(java.lang.String Version, android.content.Context AppContext, [LoaderCallbackInterface](http://docs.google.com/org/opencv/android/LoaderCallbackInterface.html) Callback) Loads and initializes OpenCV library using OpenCV Engine service.Parameters:Version - OpenCV library version.AppContext - application context for connecting to the service.Callback - object, that implements LoaderCallbackInterface for handling the connection status. Returns:Returns true if initialization of OpenCV is successful.

#### initDebug public static boolean initDebug() Loads and initializes OpenCV library from current application package. Roughly, it's an analog of system.loadLibrary("opencv\_java").Returns:Returns true is initialization of OpenCV was successful.

#### initDebug public static boolean initDebug(boolean InitCuda) Loads and initializes OpenCV library from current application package. Roughly, it's an analog of system.loadLibrary("opencv\_java").Parameters:InitCuda - load and initialize CUDA runtime libraries. Returns:Returns true is initialization of OpenCV was successful.

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* [No Frames](http://docs.google.com/OpenCVLoader.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
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* Nested |
* [Field](#3znysh7) |
* [Constr](#2et92p0) |
* [Method](#tyjcwt)
* Detail:
* [Field](#1t3h5sf) |
* [Constr](#qsh70q) |
* [Method](#1pxezwc)

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