

FaceMask Example 1.1.1



WebGL support
iOS & Android support
Windows10 UWP support
Win & Mac & Linux Standalone support
Support for preview in the **Editor**
Work with **Unity Free & Pro**

System Requirements
Build Win Standalone & Preview Editor : Windows8 or later
Build Mac Standalone & Preview Editor : OSX 10.13 or later

The execution of this asset is required "[OpenCV for Unity](#)" and "[Dlib FaceLandmark Detector](#)".

Features:

- This asset is an example project that maps face mask to the detected faces in an image using "[OpenCV for Unity](#)" and "[Dlib FaceLandmark Detector](#)".

Examples:

- Texture2DFaceMaskExample
- VideoCaptureFaceMaskExample

- [WebCamTextureFaceMaskExample](#)
- [WebCamTextureFaceMaskAdditionalExample](#)

[Android Demo](#) | [WebGL Demo](#) | [Demo Video](#)

Version changes:

1.1.1 [Common]Updated for OpenCV for Unity v2.5.9.(This asset requires OpenCVforUnity 2.5.9 or later.) [Common]Updated for Dlib FaceLandmark Detector v1.3.8.(This asset requires Dlib FaceLandmark Detector v1.3.8 or later.)

1.1.0 [Common]Updated for OpenCV for Unity v2.5.0.(This asset requires OpenCVforUnity 2.5.0 or later.) [Common]Updated for Dlib FaceLandmark Detector v1.3.4.(This asset requires Dlib FaceLandmark Detector v1.3.4 or later.)

1.0.9 [Common]Updated for OpenCV for Unity v2.4.2.(This asset requires OpenCVforUnity 2.4.2 or later.) [Common]Updated for Dlib FaceLandmark Detector v1.3.2.(This asset requires Dlib FaceLandmark Detector v1.3.2 or later.) [Common]Refactored the script

1.0.8 [Common]Updated for OpenCV for Unity v2.3.8.(This asset requires OpenCVforUnity 2.3.8 or later.)

1.0.7 [Common]Updated for OpenCV for Unity v2.3.3.(This asset requires OpenCVforUnity 2.3.3 or later.) [Common]Updated for Dlib FaceLandmark Detector v1.2.5.(This asset requires Dlib FaceLandmark Detector 1.2.5 or later.)

1.0.6 [Common]Added FaceMaskDataEditor.cs.(You can edit FaceMask data in the inspector.) [Common]Added FaceMaskColorCorrector class. [Common]Updated to WebCamTextureToMatHelper.cs v1.0.8.

1.0.5 [Common]Updated to WebCamTextureToMatHelper.cs v1.0.4.

1.0.4 [Common] Switched to the shape predictor file trained using new datasets.

1.0.3 [Common]Added WebCamTextureFaceMaskAdditionalExample(Extend Forehead, Make Both Eyes Transparent, Blur Edges). [Common]Updated WebCamTextureToMatHelper.cs v1.0.2. [WebGL] Updated WebGLFileUploadManager.cs v1.0.2.

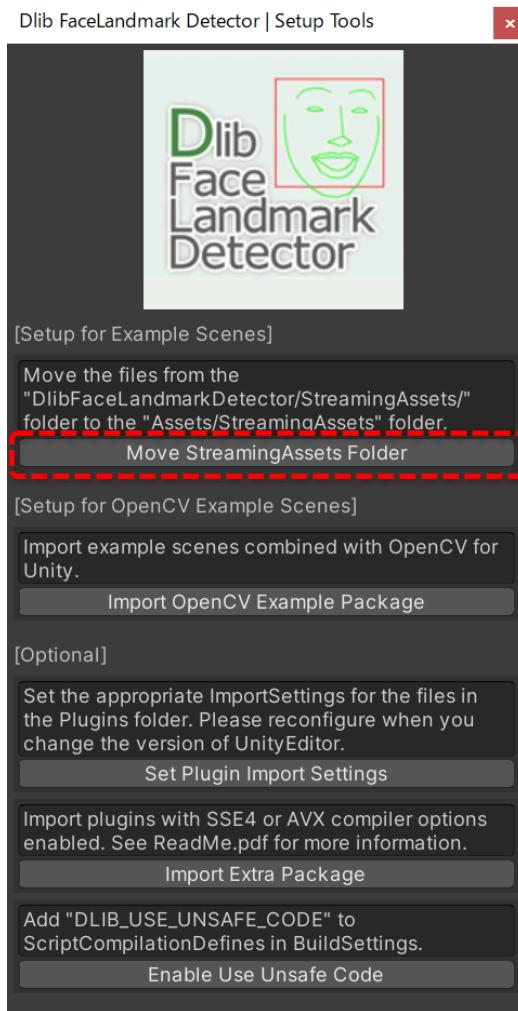
1.0.2 [Common]Fixed RectangleTracker class. [Common]Added requestFPS settings to WebCamTextureToMatHelper class.

1.0.1 [Common]Changed the name of asset project.("Sample" to "Example")
[Common]Changed Overlay method.

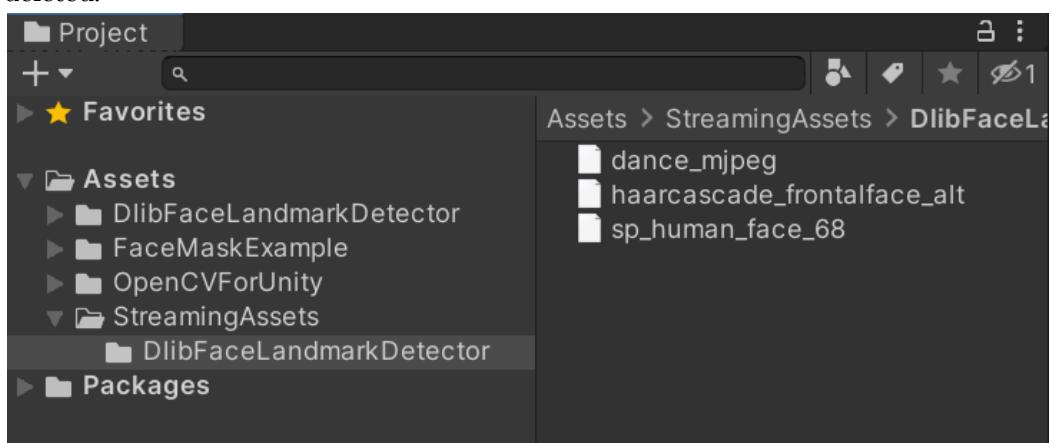
1.0.0 Initial version

Quick setup procedure to run the example scenes:

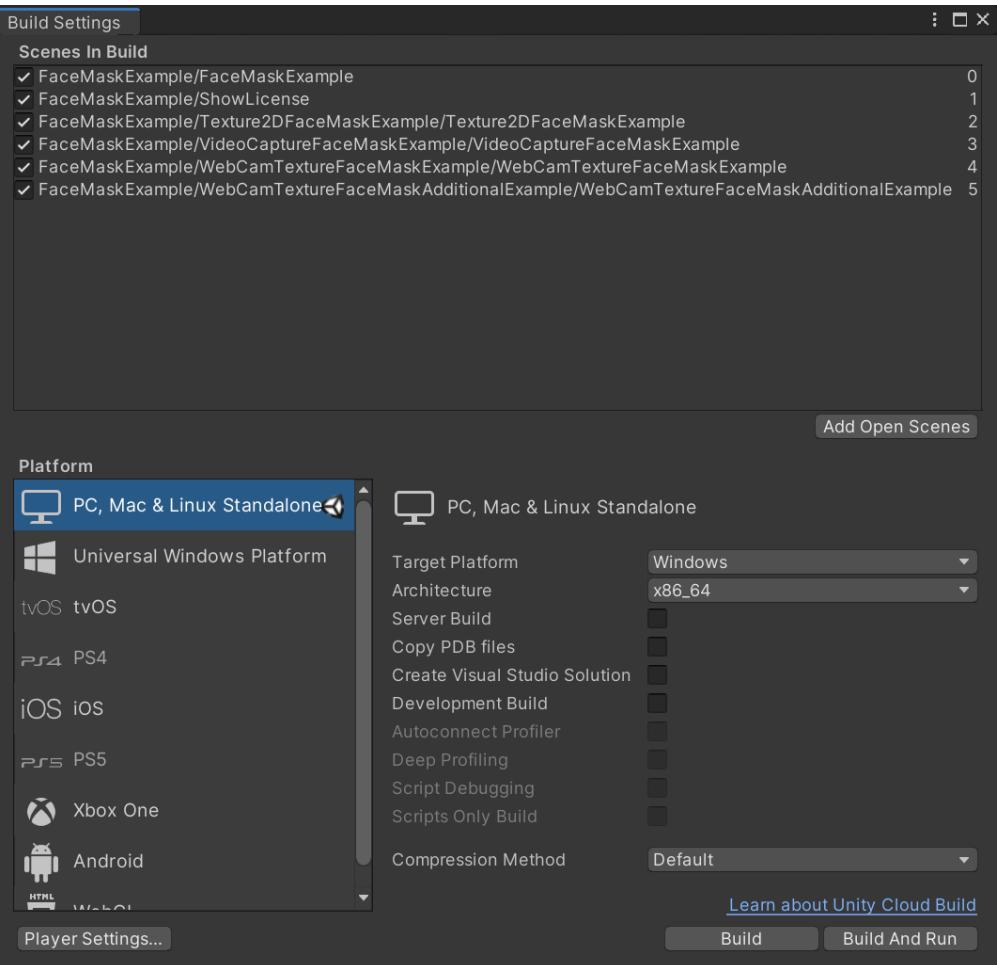
1. Import “[OpenCVForUnity](#)”.
2. Import “[Dlib FaceLandmark Detector](#)”.
3. Select MenuItem[Tools/Dlib FaceLandmark Detector/Open Setup Tools]. Click the [Move StreamingAssets Folder] button.



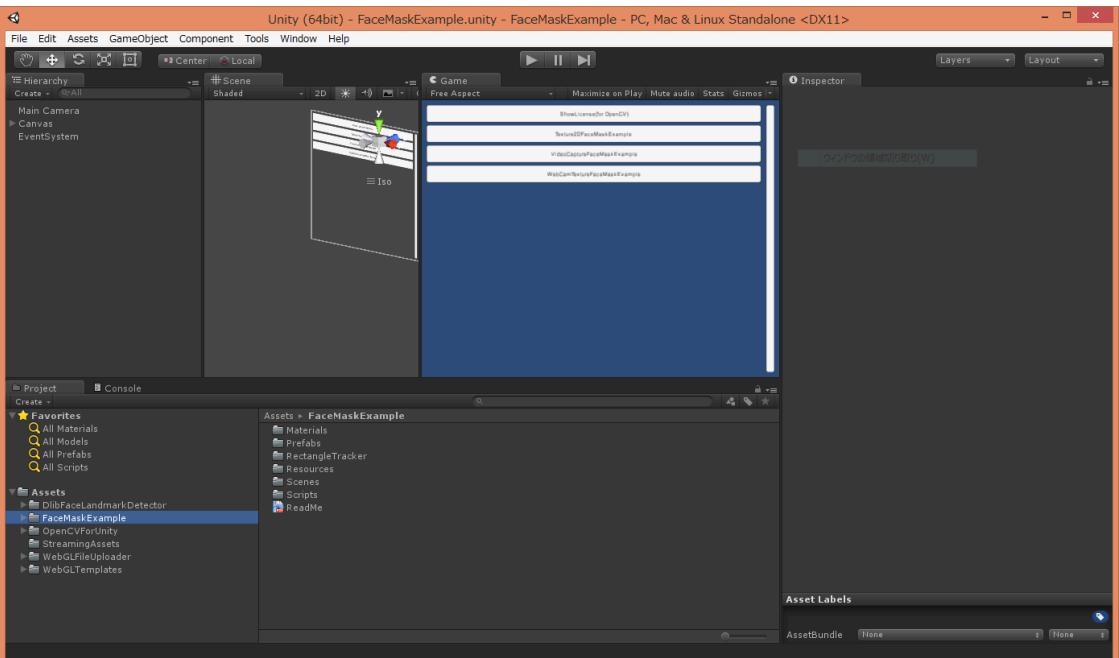
The following files are the only files required for this Example, so other files may be deleted.



4. Add all of the “***.unity” in the “FaceMaskExample/Scenes” folder to [Build Settings] – [Scene In Build].

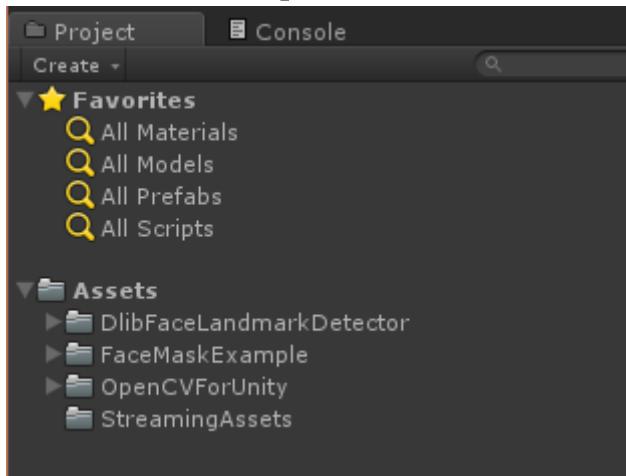


5. Run the FaceMaskExample scene.





Screenshot after the setup



Q & A

Q1. How can I add a new FaceMask?

A1.

