FaceSwapper Example 1.0.7

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 : Windows7 or later

Build Mac Standalone & Preview Editor : OSX 10.9 or later

The execution of this asset is required "OpenCV for Unity" and "Dlib FaceLandmark Detector".

Features:

- This asset is an example of swapping two faces in an image using "OpenCV for Unity" and "Dlib FaceLandmark Detector".
- Code is a rewrite of https://github.com/mc-jesus/FaceSwap.

Examples:

- Texture2DFaceSwapperExample
- WebCamTextureFaceSwapperExample
- VideoCaptureFaceSwapperExample
- Texture2DFaceChangerExample
- WebCamTextureFaceChangerExample

Android Demo WebGL Demo | Demo Video

Version changes:

1.0.7 [Common]Fixed ColorCorrectFace fuction. [Common]Updated to WebCamTextureToMatHelper.cs v1.0.8.

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

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

1.0.4 [Common]Updated WebCamTextureToMatHelper.cs v1.0.2. [WebGL] Updated WebGLFileUploadManager.cs v1.0.2.

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

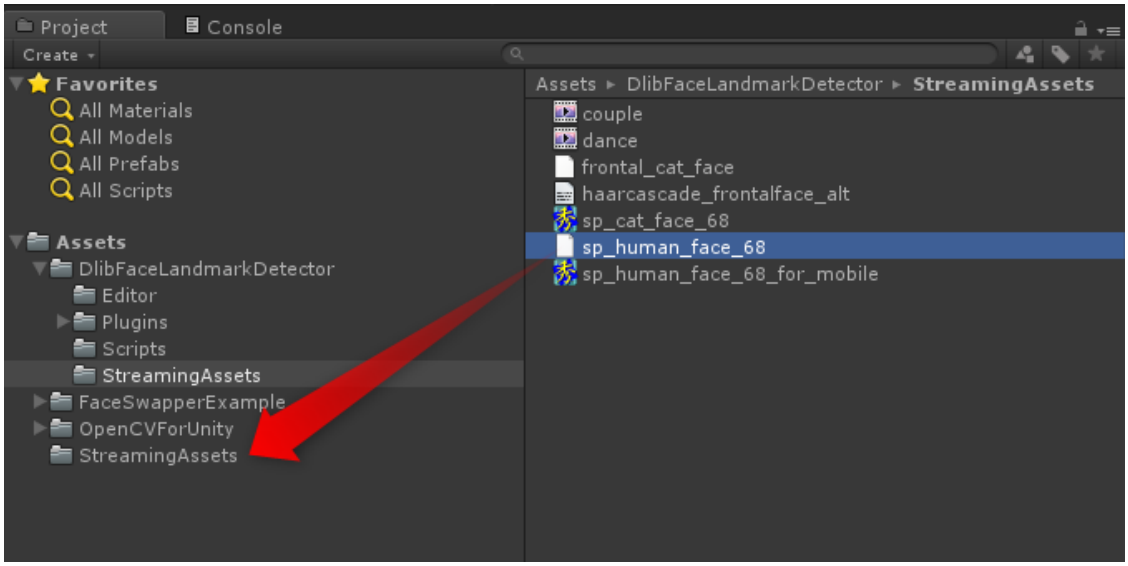
1.0.2 [Common]Changed the name of asset project.("Sample" to "Example") [Common]Fixed WebCamTextureToMatHelper.cs.(flipVertical and flipHorizontal flag)

1.0.1 [WebGL]Added WebGL(beta) support.(Unity5.3 or later) [Common]Added Texture2DFaceChangerSample and WebCamTextureFaceChangerSample.

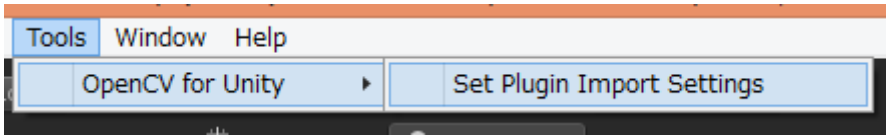
1.0.0 Initial version

Quick setup procedure to run the example scenes:

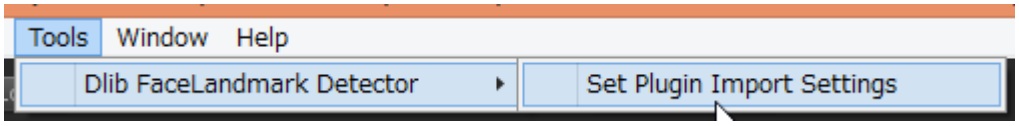
1. Import "OpenCVForUnity".
2. Import "Dlib FaceLandmark Detector".
3. Move the "DlibFaceLandmarkDetector/StreamingAssets/sp_human_face_68.dat" to the "Assets/StreamingAssets/" folder.



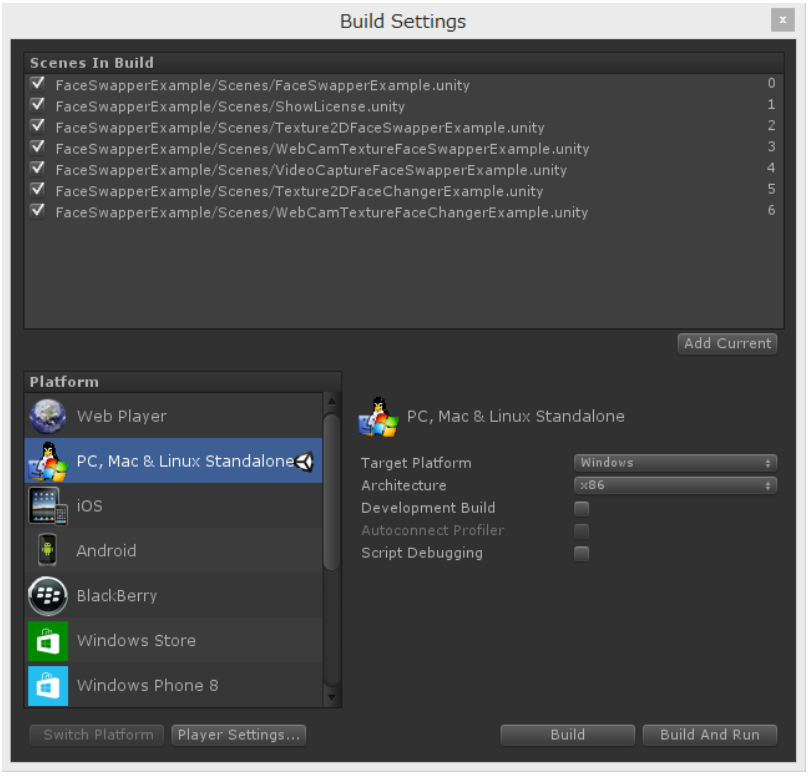
4. Select MenuItem[Tools/OpenCV for Unity/Set Plugin Import Settings].



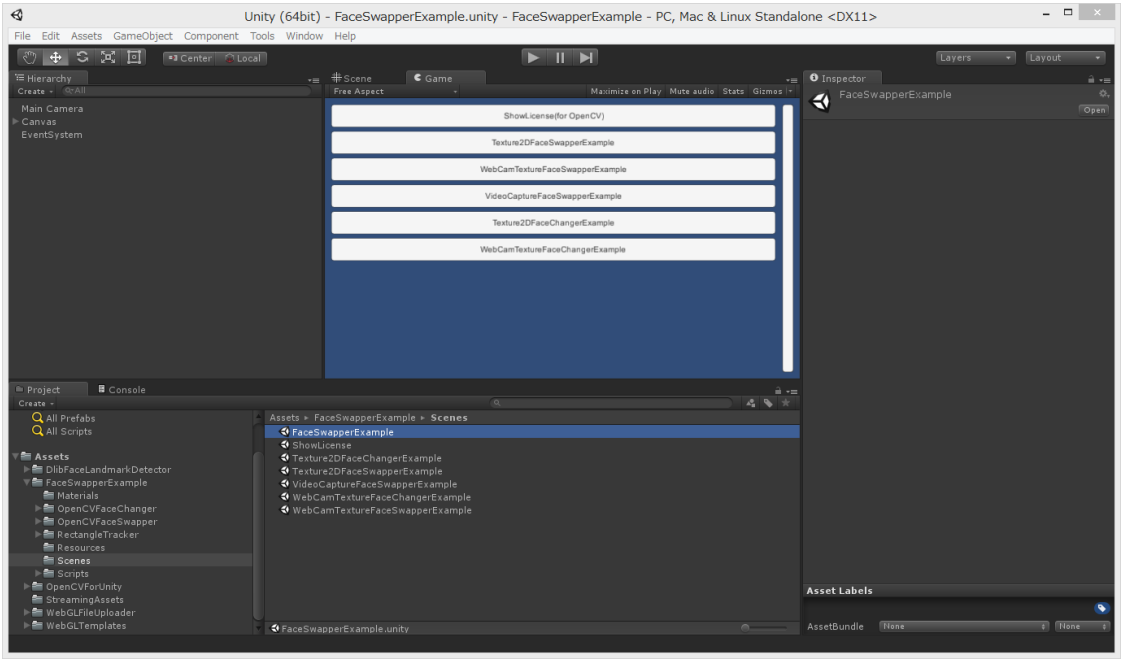
5. Select MenuItem[Tools/Dlib FaceLandmark Detector/Set Plugin Import Settings].



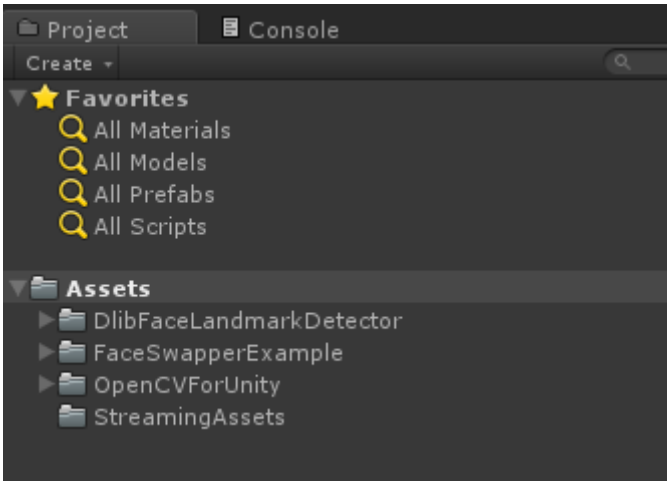
6. Add all of the "***.unity" in the "FaceSwapperExample/Scenes" folder to [Build Settings] – [Scene In Build].



7. Run the FaceSwapperExample scene.



Screenshot after the setup


Project
Console
Create
Favorites
All Materials
All Models
All Prefabs
All Scripts
Assets
DlibFaceLandmarkDetector
FaceSwapperExample
OpenCVForUnity
StreamingAssets