

Easy Webp

1. The Webp Image Format Introduction

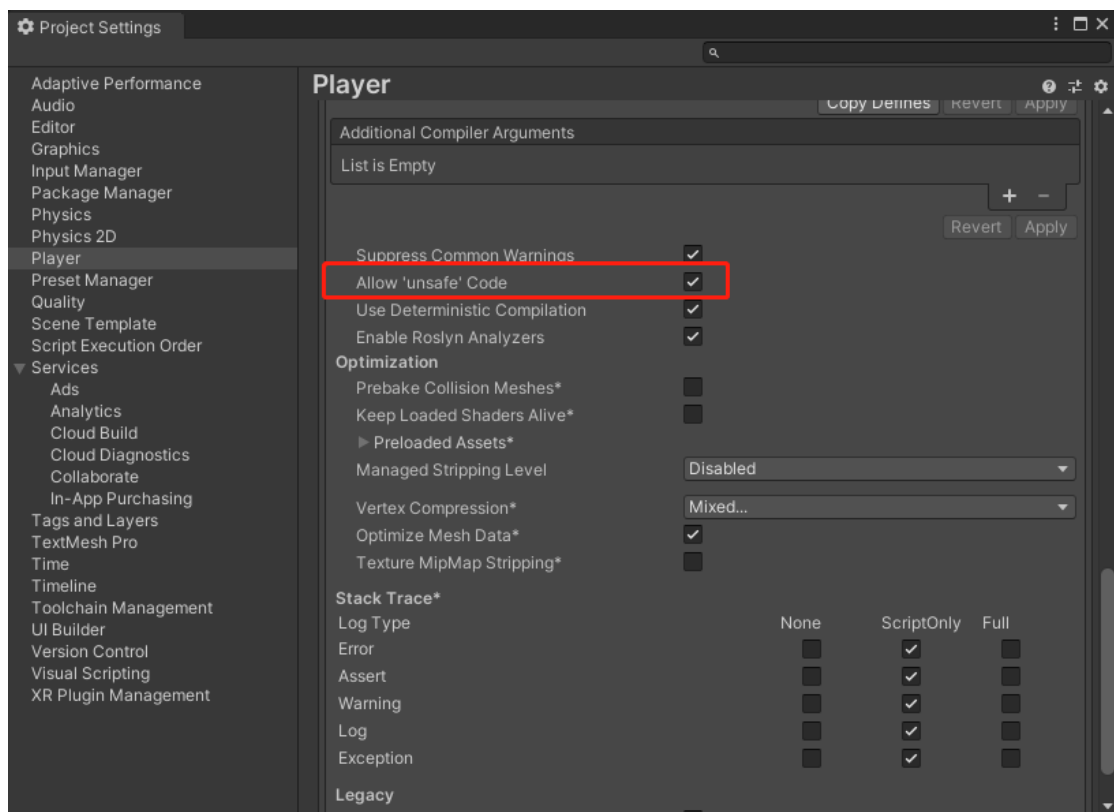
First, we know that webp image format is the new image compression format, WebP image format supports lossy compression, lossless compression, transparent and animation; the same quality images. The picture volume of the webp is about 40% smaller than the JPG and PNG. At the same time, the webp image format is more rich in color, supporting 24-bit RGB color and 8-bit Alpha transparent channel (while GIF only supports 8-bit RGB color and 1-bit transparency).

2. Easy Webp Plug-in Function Introduction

- Support for WebGL、IOS、Android、Window、Mac platform
- Support for webp format pictures and animation
- Support for 24-bit transparent channels
- Support for Unity editor rendering
- Support for runtime rendering
- Support for model material rendering
- Support for UI interface rendering
- Support for multi-threadreading loading
- Plug-in provides video conversion webp conversion tools

3. Easy Webp Plug-in Uses The Settings

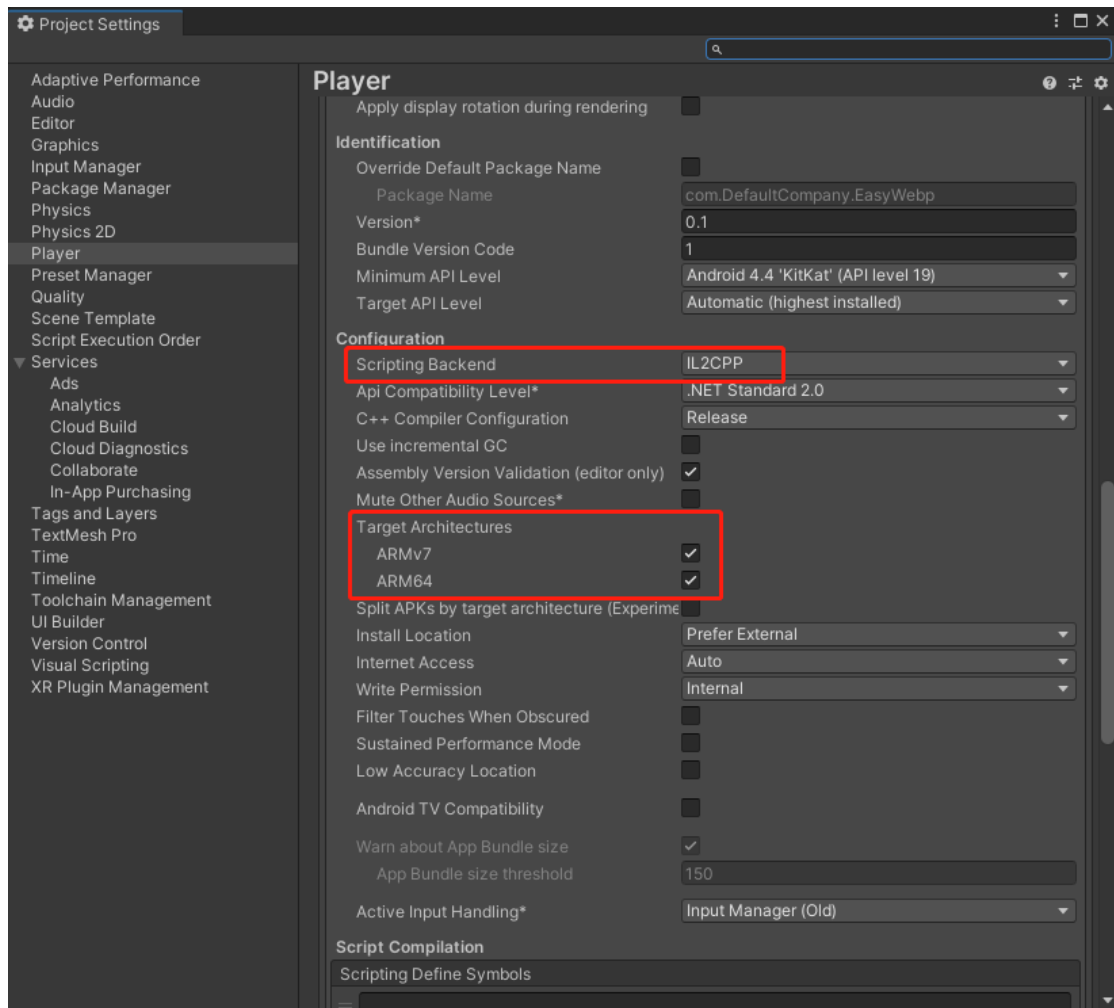
1. **First, you must move the StreamingAssets file to the root of the Assets folder.**
2. Second, must be checked: Project Settings --> Player --> Other Setting --> Allow'unsafe'Code.



Android Player Setting:

Project Settings --> Player --> Other Setting --> Configuration --> Scripting Backend(**IL2CPP**).

Project Settings --> Player --> Other Setting --> Configuration --> Target Architectures, **check ARMv7 and ARM64.**



4. Examples Description

In the plugin file, we provide several feature presentation cases, which include the following:

1. "Examples/Scenes/01_Simple UI": This case loads both static and dynamic Webp formats on the UI.
2. "Examples/Scenes/02_Multiple UI": This case demonstration loads gradient transparent animations in multiple webp formats on UI.
3. "Examples/Scenes/03_Simple Mesh Renderer": This case demonstrates loading a gradient transparent animation with multiple webp formats on the model.

5. Video To Webp

How to convert the video into a Webp, you can use the tools provided in the plug-in, as shown below:

1. Window --> Webp Converter
2. Click the "Load Video" button to select the video file needed to be converted
3. Click the "Convert" button to convert the video to Webp format

6. API

1.WebpImporter.LoadWebpTexture2D(string path, Action<Texture2D> callback);//path:path of the webp format image under the StreamingAssets file.

2.WebpImporter.PlayWebpAnimation(string path, Action<Texture2D> callback);

3.WebpImporter.LoadWebp (string path, Action<Texture2D> callback);

7. Version Information

Current Version:1.3.0