



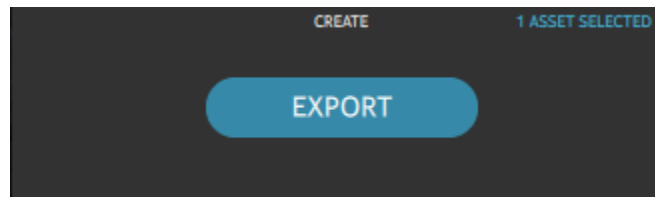
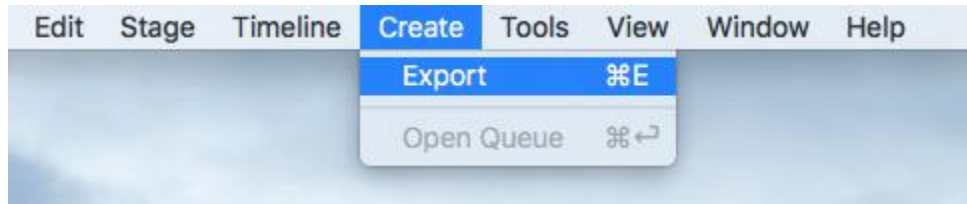
EXPORTING STITCHED MP4s TO VIMEO

Updated 22nd August 2017

References Creator v2.1

Procedure

1. Select **Export** under **Create** or use the left-hand panel.



Options for selecting Export in the Creator UI

2. The following screenshots show how to export a file using a custom file naming system. You can use any of the other filing naming systems provided by OZO Creator, **Use asset name** or **Use camera ID and time of capture (UTC)**.

The **Range** drop down menu provides the option of **Selection (In-Out)**, **Single frame (Playhead)**, and **All**. Either use **Selection (In-Out)** to export a section of the capture or **All** to export the entire capture.

Please also note that **Fine** stitching quality can be used as well but this increases the processing time.

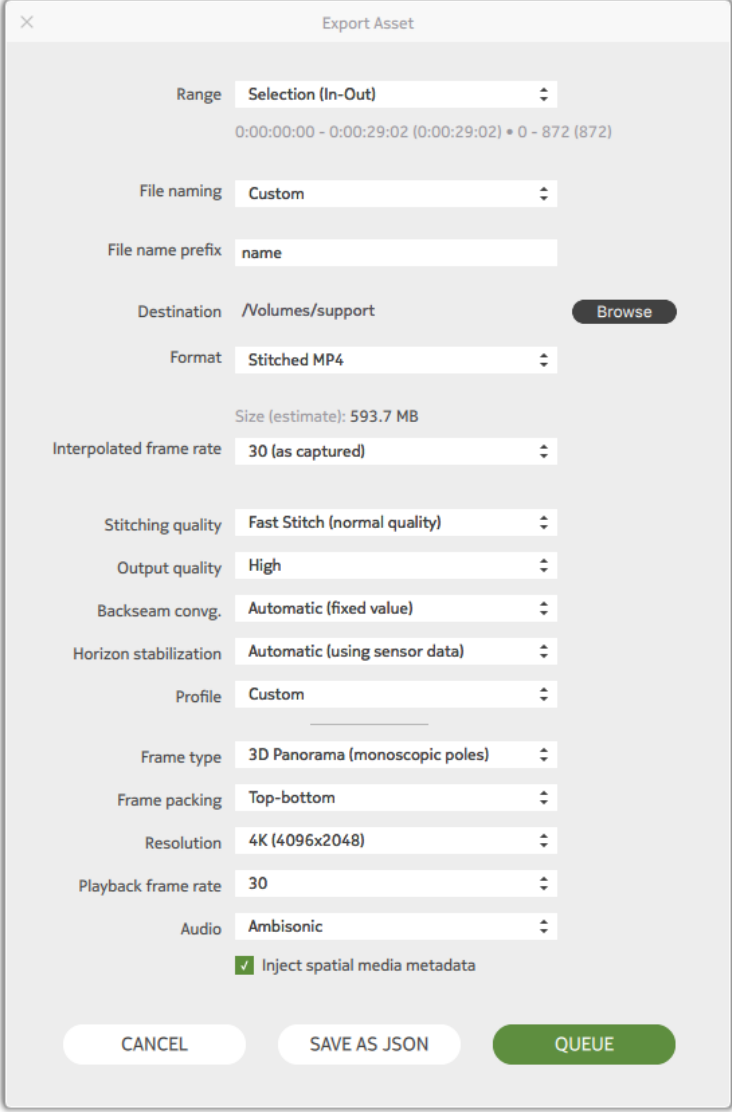
An **Output quality** setting of **High** achieves a good balance between file size and quality. If drive space and upload bandwidth allow, an **Output quality** setting of **Very High** may help imagery pass through Vimeo's transcoding process with slightly fewer compression artifacts.

The **Manual** option for the **Backseam convg.** will stitch the backseam to a setting that the user has selected through the OZO Creator UI. The **Automatic (fixed value)** option will calculate the best value for the first frame and apply this to the rest of the frames. The **Automatic (15 frame re-calculation)** will re-calculate the backseam every 15 frames.

The **Horizon stabilization** option allows the footage to be stabilized based on the OZO's orientation sensor.

The **Profile** option provides a selection of preset export options for **Frame type**, **Frame packing**, **Resolution**, **Playback frame rate**, and **Audio**.

Here is an example of the settings used to export a stereoscopic file.



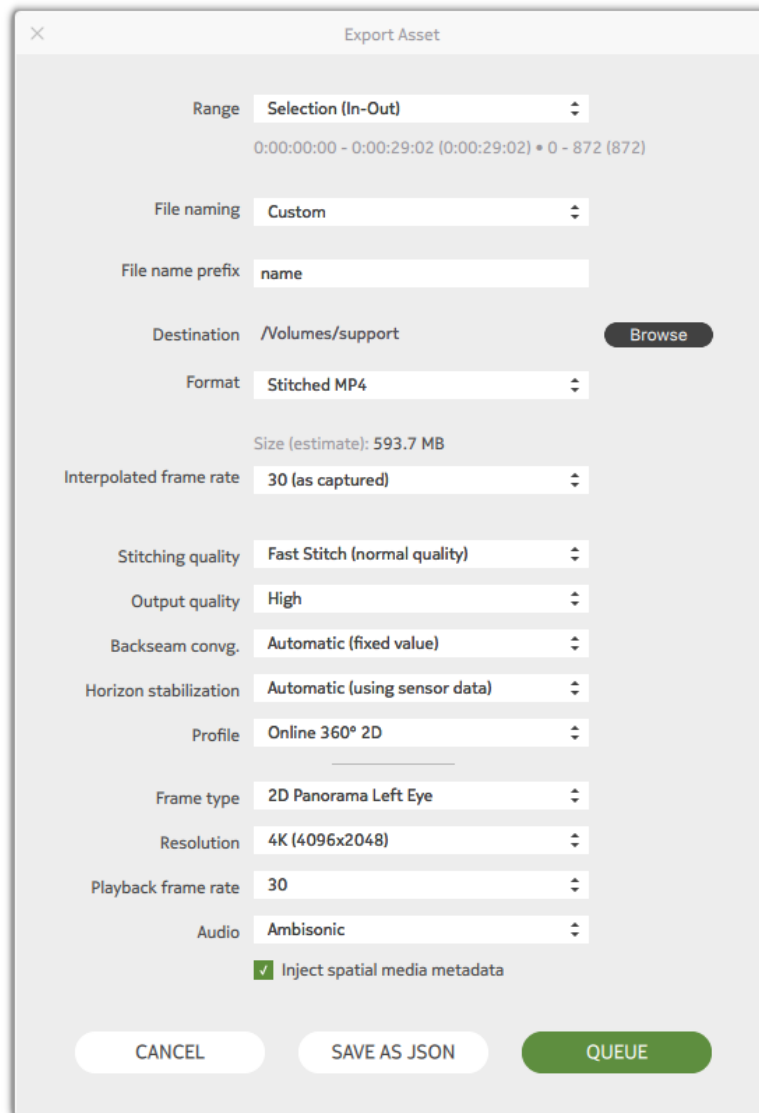
The screenshot shows the 'Export Asset' dialog box with the following settings:

- Range: Selection (In-Out) (0:00:00:00 - 0:00:29:02 (0:00:29:02) • 0 - 872 (872))
- File naming: Custom
- File name prefix: name
- Destination: /Volumes/support (with a 'Browse' button)
- Format: Stitched MP4
- Size (estimate): 593.7 MB
- Interpolated frame rate: 30 (as captured)
- Stitching quality: Fast Stitch (normal quality)
- Output quality: High
- Backseam convg.: Automatic (fixed value)
- Horizon stabilization: Automatic (using sensor data)
- Profile: Custom
- Frame type: 3D Panorama (monoscopic poles)
- Frame packing: Top-bottom
- Resolution: 4K (4096x2048)
- Playback frame rate: 30
- Audio: Ambisonic
- Inject spatial media metadata

At the bottom, there are three buttons: CANCEL, SAVE AS JSON, and QUEUE.

Export Asset window showing stereoscopic settings

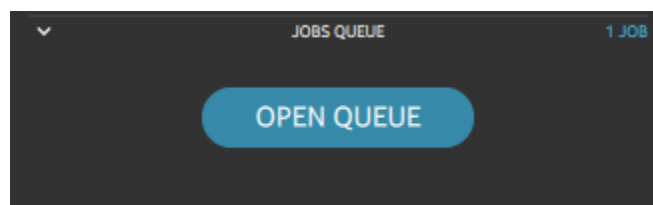
Here is an example of the settings used to export a monoscopic file.



Export Asset window showing monoscopic settings

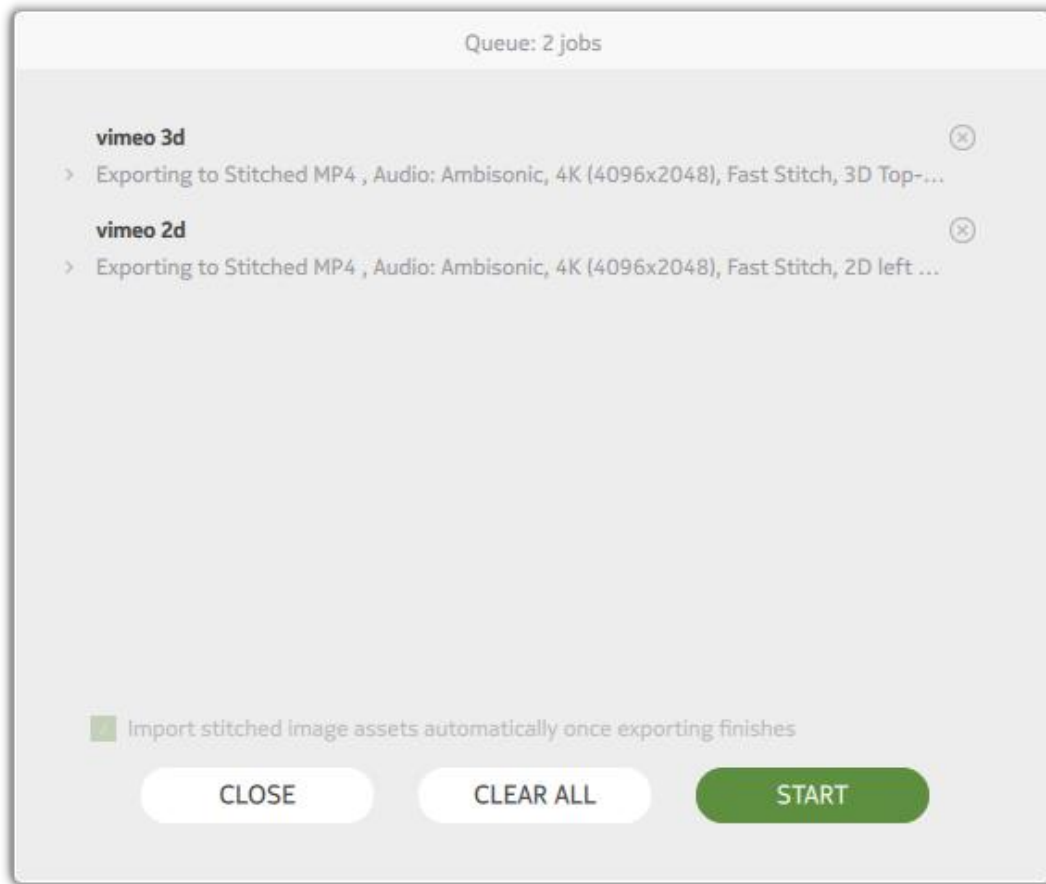
After choosing the appropriate settings, click **QUEUE**.

3. Click on the **OPEN QUEUE** button and click **START**.



Open Queue panel in Creator UI

4. Click **START**.



Job Queue window

OZO Creator will begin the process of creating the stitched mp4 file by providing a progress bar and status update.

5. Once the export is completed, click **CLOSE**.
6. Once completed, you can upload the encoded file to Vimeo. Please note that the filename will end with the following:
 - **_metainjected_M.mp4** - for monoscopic files
 - **_metainjected_TB.mp4** - for stereoscopic files

Please note that you may need to adjust the resolution settings in the Vimeo player to match the resolution of your mp4 file.

It should be noted that as of 15th August 2017 Vimeo 360 does not support spatial audio. However, the ambisonics audio will be converted to 2 channel audio (which does not adjust as the viewer moves). Vimeo, however, states that spatial audio is a feature that will be supported in the future.

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