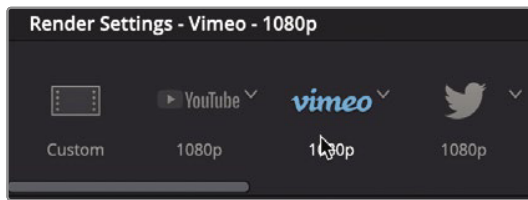


- 4 At the top of the Render Settings, click the Vimeo preset.

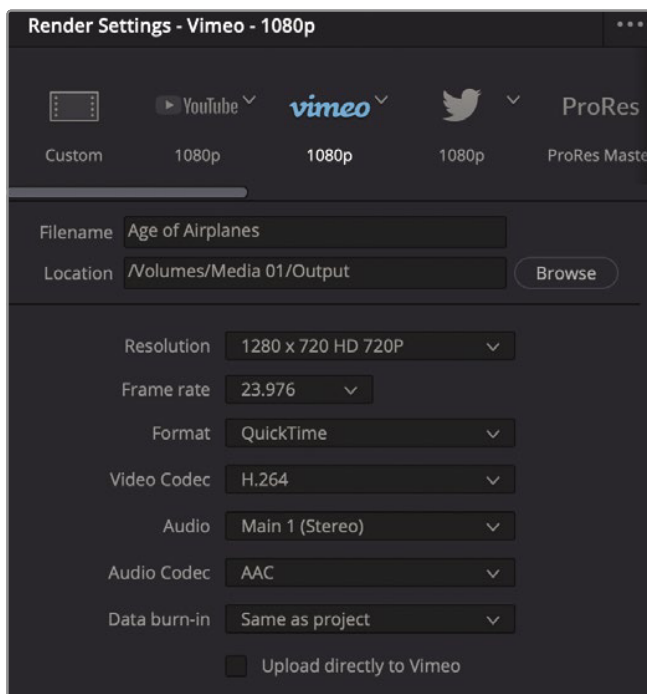


When you choose one of the presets, DaVinci Resolve configures the Render Settings to output a file that conforms to the destination's requirements. If you wanted to stop at this point and output the file, you could do so. The only parameter you would need to set would be the destination of the output file.

- 5 Just below the row of presets, enter the name of the file you want to create, then click the Browse button and choose a location for the output file. Click the OK button on the dialog.

Since you selected a preset, that is all you must do to output a file, but you also have a few options that you can apply to presets.

- 6 Below the Browse button, set the Resolution to 1280 x 720 HD 720P since this is the resolution of the current timeline.



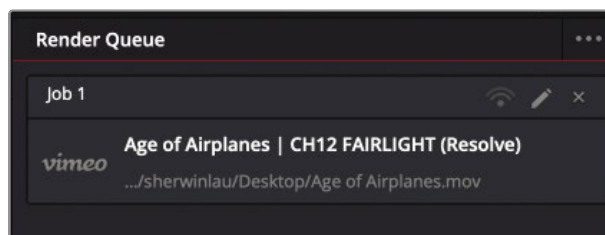
Although you can customize the video compression and format parameters in the Video tab, when you choose one of the easy presets, many of the basic settings are optimized for you.

When the Vimeo preset was selected, QuickTime H.264 was chosen as the format, and the AAC Audio codec was chosen because those parameters are commonly used for web-streaming videos.

The YouTube, Vimeo, and Twitter presets allow for automatic uploads to those sites by enabling the Upload checkbox. We'll leave that unchecked for this exercise.

**TIP** For the automatic upload to work, you must enter your YouTube, Vimeo, or Twitter account information in the DaVinci Resolve > Preferences window.

- 7 At the bottom of the Render Settings panel, click the Add to Render Queue button.  
The job is added to the Render Queue on the right side of the window.



The Render Queue acts as a temporary holding area for jobs that you want to output from DaVinci Resolve. You can add as many jobs to the Render Queue as you need to output. Although you could render this file immediately, let's wait and prepare another job for the queue.

## Creating a Custom Preset

In some situations, you will need to render out only a portion of your timeline for previews or for others to work on. When you have a few clips that need to be output or used for help in designing 3D animation, you will need to render just a section of the timeline and, usually, in a very specific format.

Let's render out a section of the timeline in a format that often is required by 3D animators. They need high-quality renders, but because DaVinci Resolve does not have a 3D animation preset, you'll want to create one of your own, and save it as a preset for later use.

- 1 At the top of the Render Settings, click Custom.

Clicking Custom makes all the options in the Render Settings available for selection and begins the process of creating a new preset. First, you can decide if you want every clip in the timeline to render out as its own individual file or as a single file.

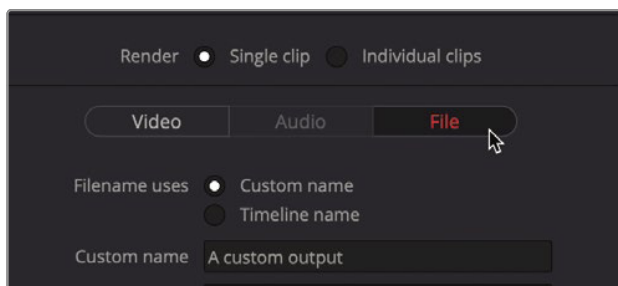
- 2 Below the Location field, click the Single Clip button to output a single movie file.



- 3 Click the Video tab, and in the Video Format menu, choose EXR.

EXR is a single-frame format like TIFF that is often requested by visual effects studios. Because EXR files do not have audio tracks, you can skip the Audio tab and go to the File tab.

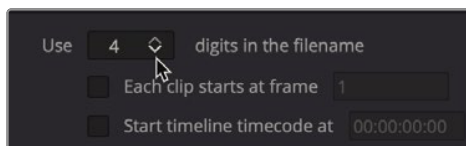
- 4 Click the File tab to name the files.



- 5 Enter the Custom name, **Airplane VFX**.

Because each frame will become an EXR file, you need to number the frames so that the visual effect artist will know the order in which the frames should appear.

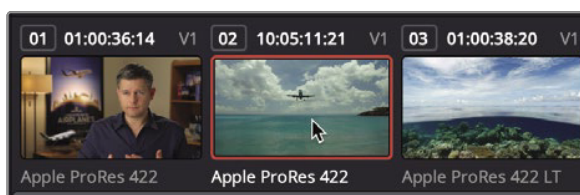
- 6 Set “Use # digits in the filename” to 4.



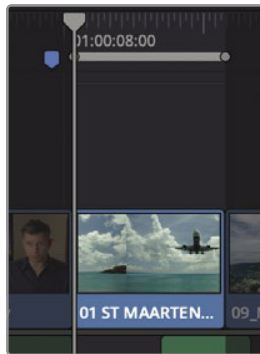
This value will add four numeric digits to the end of each file. The section you output will not be over 9999 frames long, so four digits should be plenty.

Next, because you want to send only one shot from your timeline to the VFX staff, you need to mark the range you want to render.

- 7 In the Deliver page timeline, select thumbnail number 2, the “01 ST MAARTEN” clip.



- 8 Choose Mark > Mark Clip, or press X to add In and Out points around the “01 ST MAARTEN” clip.

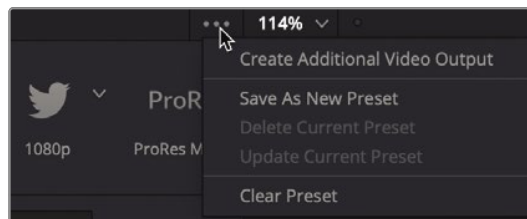


The marks in the timeline identify the region that you will render out.

- 9 At the bottom of the Render Settings, click the Add to Render Queue button to add your second job.

Now you can save the Render Settings preset in case you want to reuse it at some point.

- 10 At the top of the Render Settings, choose Options > Save As New Preset.



- 11 In the “Enter preset name” field in the dialog, type **VFX Output** and click OK.

The new preset’s name appears at the top of the Render Settings, indicating that it is the currently active setting. It also is listed in the row of presets. With all the settings configured, you can add this job to the Render Queue.

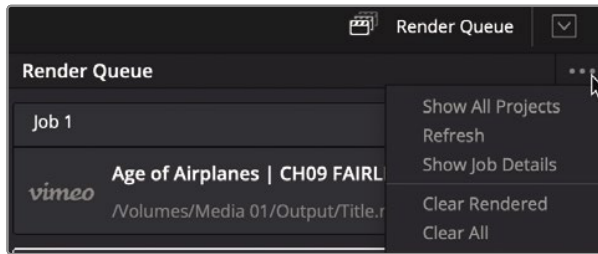
You now have two jobs in your Render Queue. If you save and quit DaVinci Resolve now and return later, those jobs will still be in the Render Queue. Because you may not want to devote disk space to these lesson results, you won’t be expected to render them for this exercise.

- 12 When you do want to render one of your own projects, select the items that you want to render in the Render Queue. Then click the Start Render button at the bottom of the Render Queue to begin the process.

One by one, the jobs will render out and be marked as completed.

Once the rendering is done and you check the output files, you will find it useful to clear the Render Queue, so you don’t have a constantly growing list of past rendering jobs.

- 13 In the upper-right corner of the Render Queue, click the Options drop-down menu.



- 14 In the menu, choose Clear All to remove all current jobs from the queue.

The Deliver page has many more options for outputting various file formats and for supporting a variety of workflows, but you now understand the most commonly used workflows and how to set up your own custom presets

## Lesson Review

- 1 How do you select a range in the timeline for output rendering?
- 2 What three online services have presets available in Resolve's Deliver page?
- 3 True or false? Choosing the Vimeo preset displays the most common options for creating a movie file for that online sharing site?
- 4 Where would you save a customized preset for future use on the Deliver page?
- 5 After adjusting the Render Settings, how do you instruct Resolve to output a movie file?

## Answers

- 1 Mark an In and Out point in the Deliver page.
- 2 YouTube, Vimeo, and Twitter are the three online services that have presets in the Deliver page Render Settings.
- 3 True. Presets provide the most common options. To view all the options available, click the Custom render setting.
- 4 To save a custom preset on the Deliver page, in the Render Settings Options menu (the three dots in the upper-right corner), choose Save as New Preset.
- 5 To output a movie file, click the Add to Render Queue button, and then in the Render Queue panel, click Start Render.