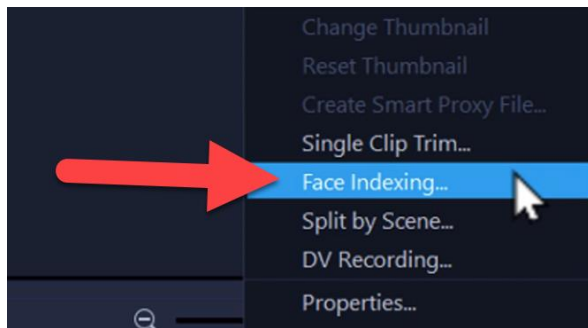# How to Index Faces in Video Clips

In this tutorial, you'll learn how to save time and streamline your editing process with the new Face Indexing feature introduced in VideoStudio Ultimate 2022.

The Face Indexing feature analyzes video using facial recognition to automatically identify and extract footage for each person in your video. This helps you save time since you don't have to manually search through hours of video content to select scenes with specific people. Face Indexing will do that for you, quickly and easily.
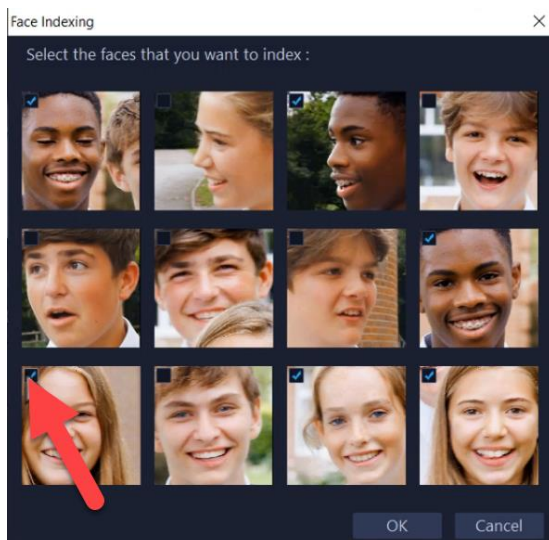
Using Face Indexing to Find Faces in Video Clips

In the **Media** section of the library, right-click a video clip that contains people, and choose **Face Indexing**.
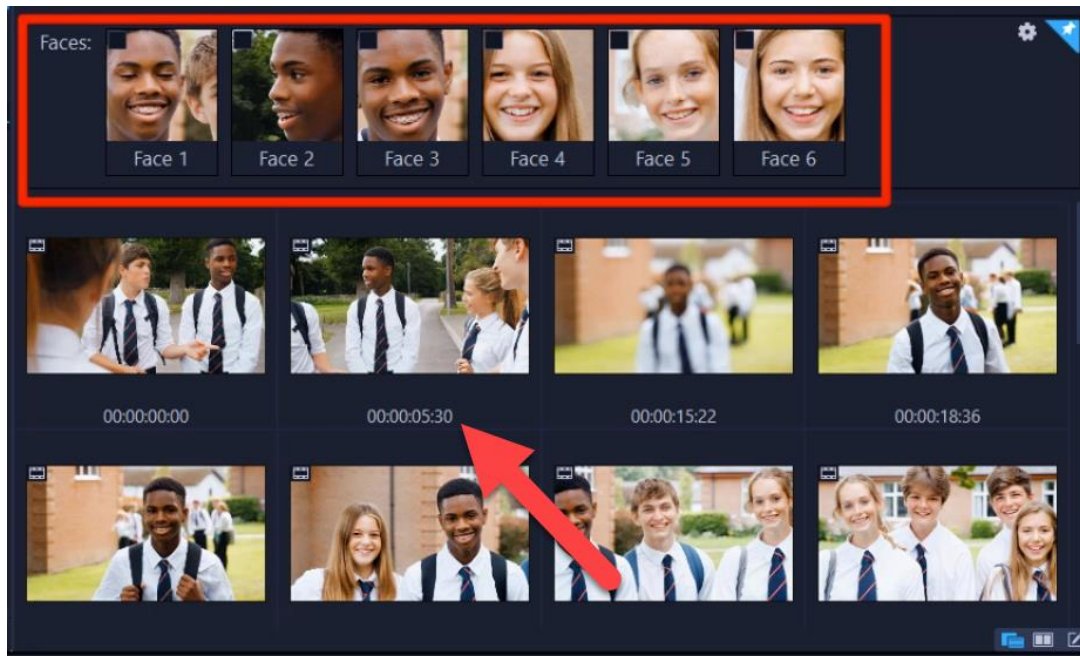

The clip is analyzed for faces. If faces are detected, the results are displayed. In most cases, each person's face displays more than once, representing different segments where the face appears.
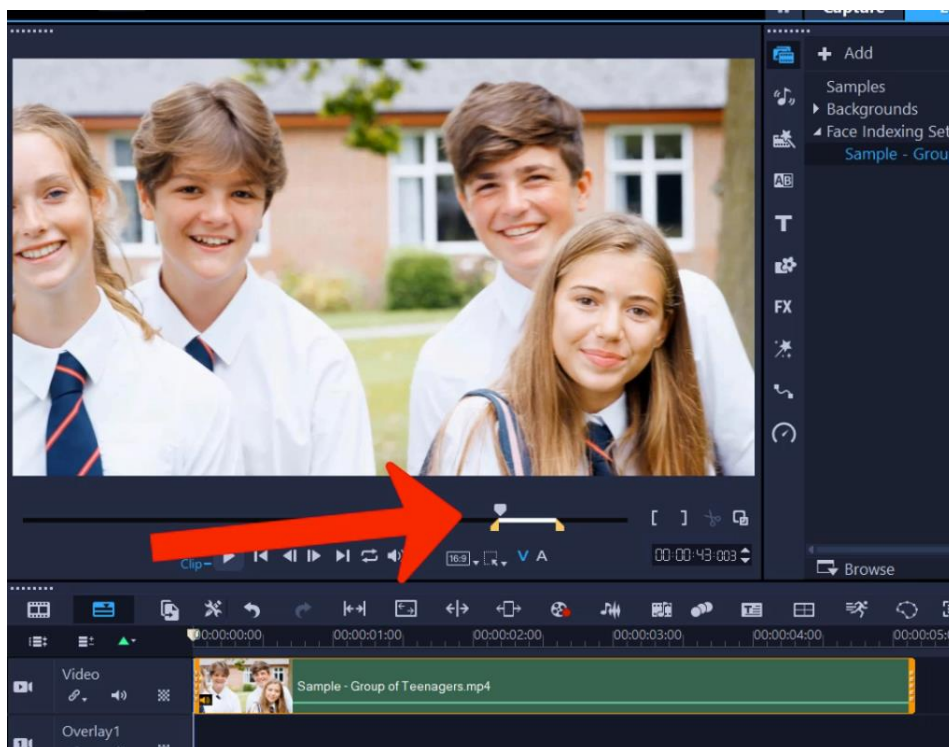
Select all the face thumbnails that you want to include in the trim results and click **OK**. The clip will be analyzed again.

Thumbnails of each of the detected faces will appear at the top of the library, and thumbnails of each of the trim-marked segments appear below.
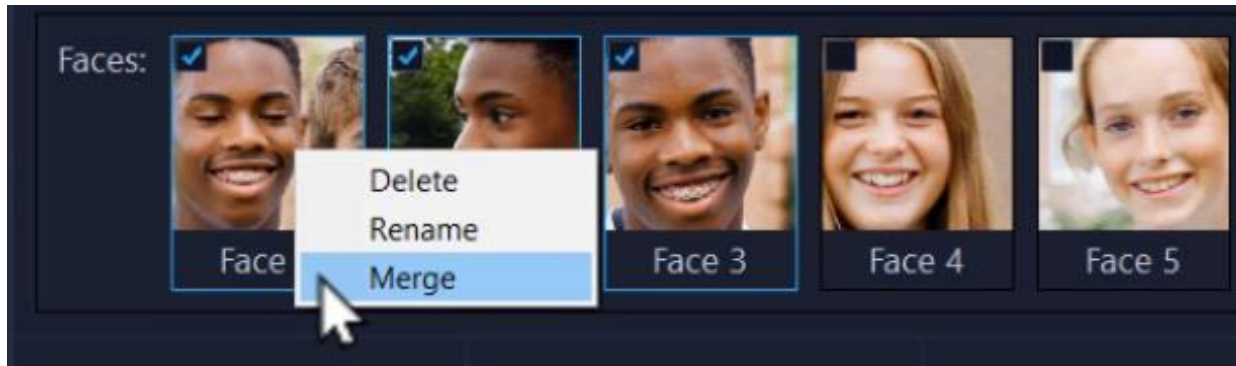

If you click on one of the thumbnails, you'll see the timecodes of where those faces appear in the clip, with the in and out markers already set. Simply drag that portion of the clip to the timeline to use edit it or use it in your video.
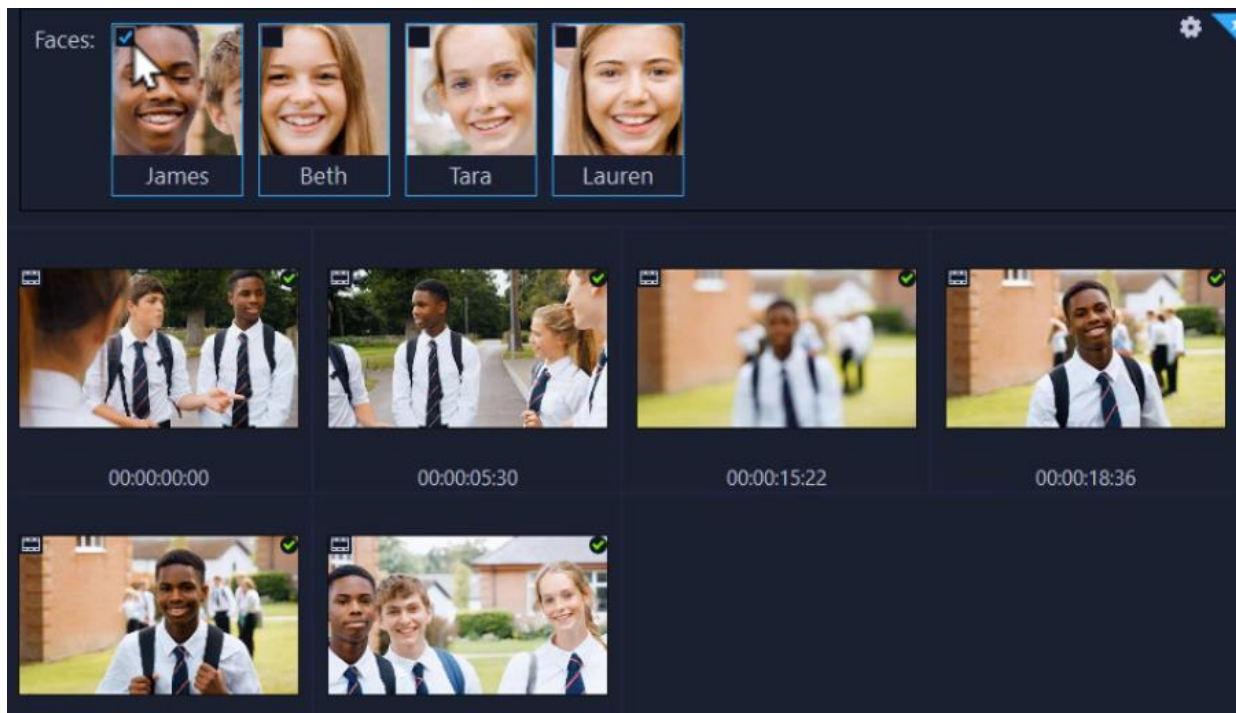
How to Merge Duplicate Faces

If multiple versions of the same face have been found, you can merge them together. Select all the thumbnails with the same face, right-click on one of the faces and select **Merge**.

To rename the faces, right-click a face thumbnail, choose **Rename**, and type a new name. Or simply double-click on the name and type in your new name.

In this example, four different faces have been indexed. The "James" thumbnail is selected, so only the trimmed segments that include James are displayed.
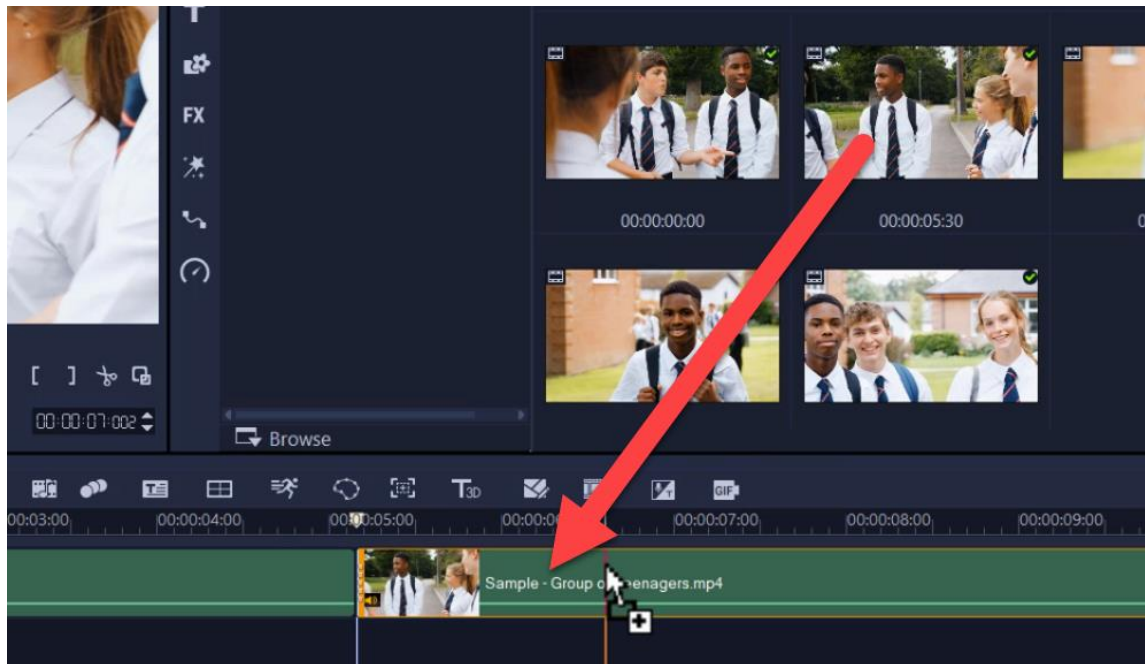
How to Edit Trimmed Segments

Double-click the thumbnail for the trimmed segment to preview or edit it in the **Single Clip Trim** window.

Note: This feature is non-destructive, so any edits made to the trim-marked segments resulting from the face indexing analysis don't affect the original clip.

When finished editing or previewing the segment, click **OK**.

To use the segment in a project, drag the thumbnail from the library to the timeline.
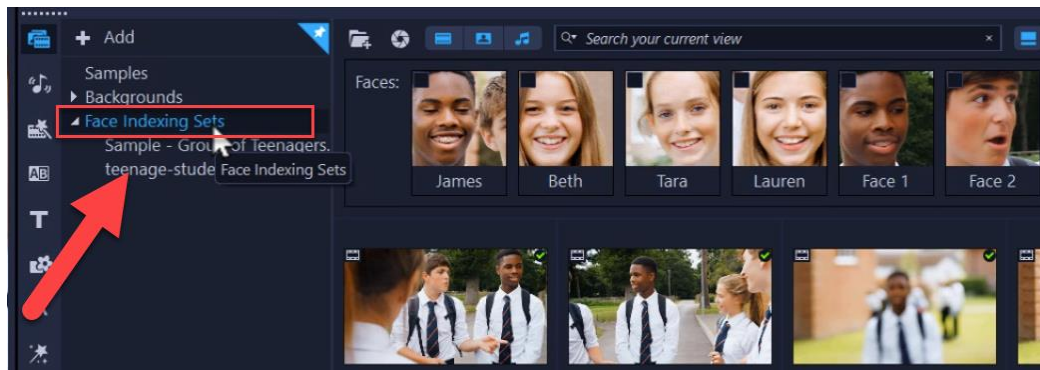
How to Access All Face Indexing Sets

Access all Face indexing sets by clicking on the **Media** button in the library panel.

In the **Gallery** list, click **Face Indexing Sets**.

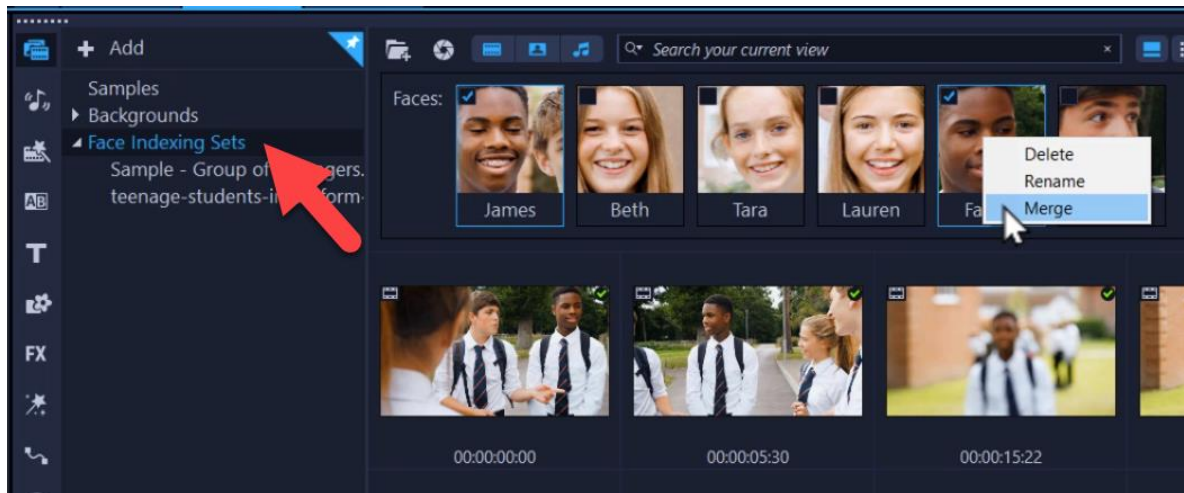All of the thumbnails for previously indexed faces will be displayed in the library panel.

This is especially useful if you want to use face indexing on multiple video clips.

Under **Face Indexing Sets**, click a filename to display the faces associated with that clip.

If you have uploaded multiple clips and the same faces appear in different clips, you can merge them together again. Simply click on **Face Indexing Sets** to view all faces from all clips. Then, select the faces you want to merge, right-click and select **Merge**.

Now, when selecting the face, it will filter the trimmed results to show segments where that face appears in all of the uploaded clips.

The Face Indexing feature in VideoStudio Ultimate is a great way to save time while editing your projects!