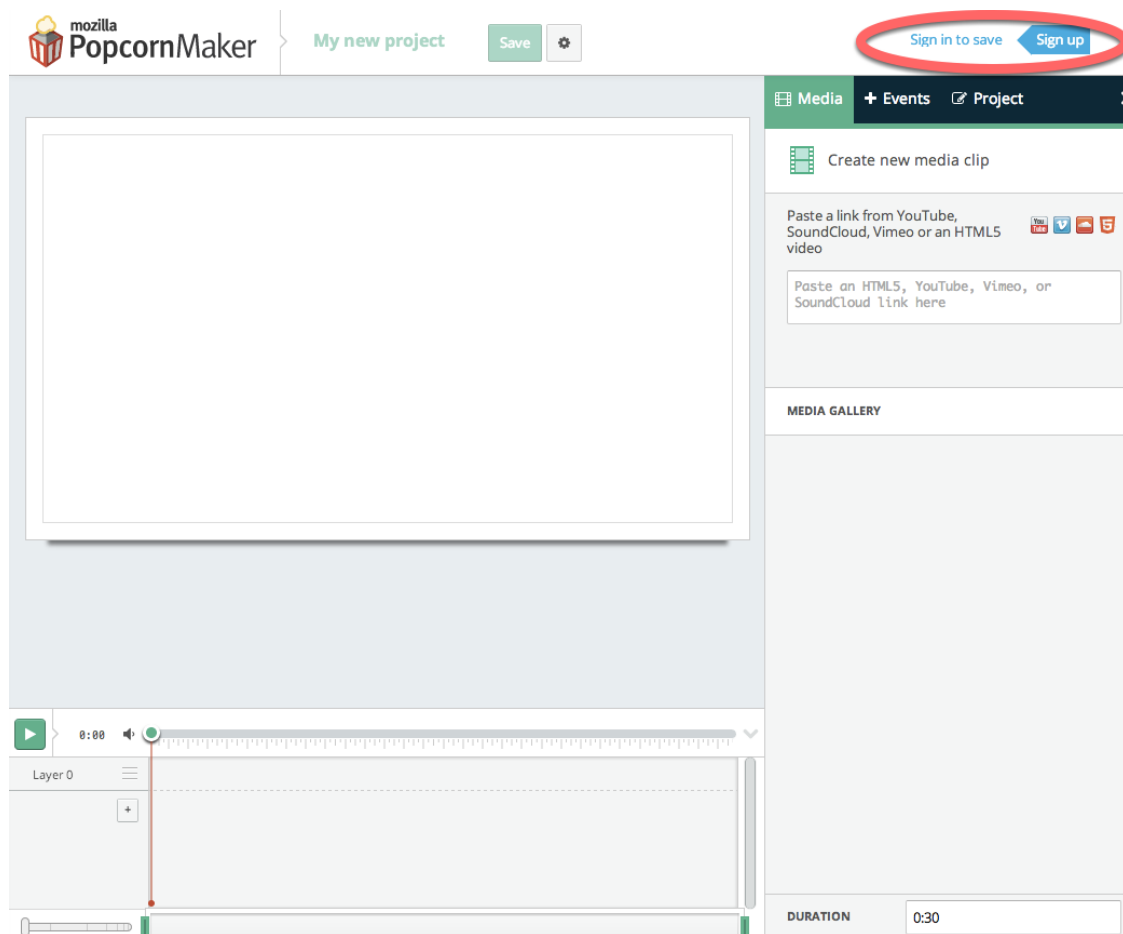


Using Mozilla Popcorn Maker to Create an Interactive Video

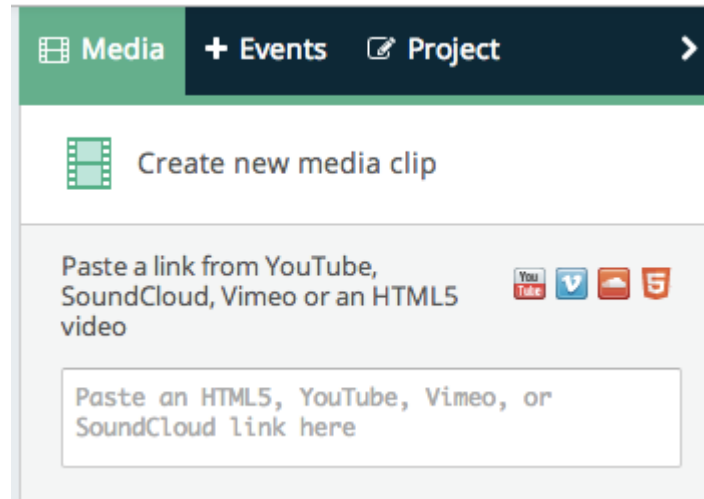
Mozilla Popcorn Maker allows you to enrich a video with interactive maps, webpages, and tweetstreams. Your video could be different every time it's "played," because it pulls in dynamic content and allows your "viewer" to interact with it. Here, we learn how to use it to enhance an archival video.

Sign up for an account



Go to **popcorn.webmaker.org**. You can work on a Mozilla Popcorn Maker project without logging in, but you can't save it. So go ahead and sign up for an account. (Mozilla uses the identity manager Persona, so you may only need to enter your email address.)

Choose a video to serve as the basis of your project



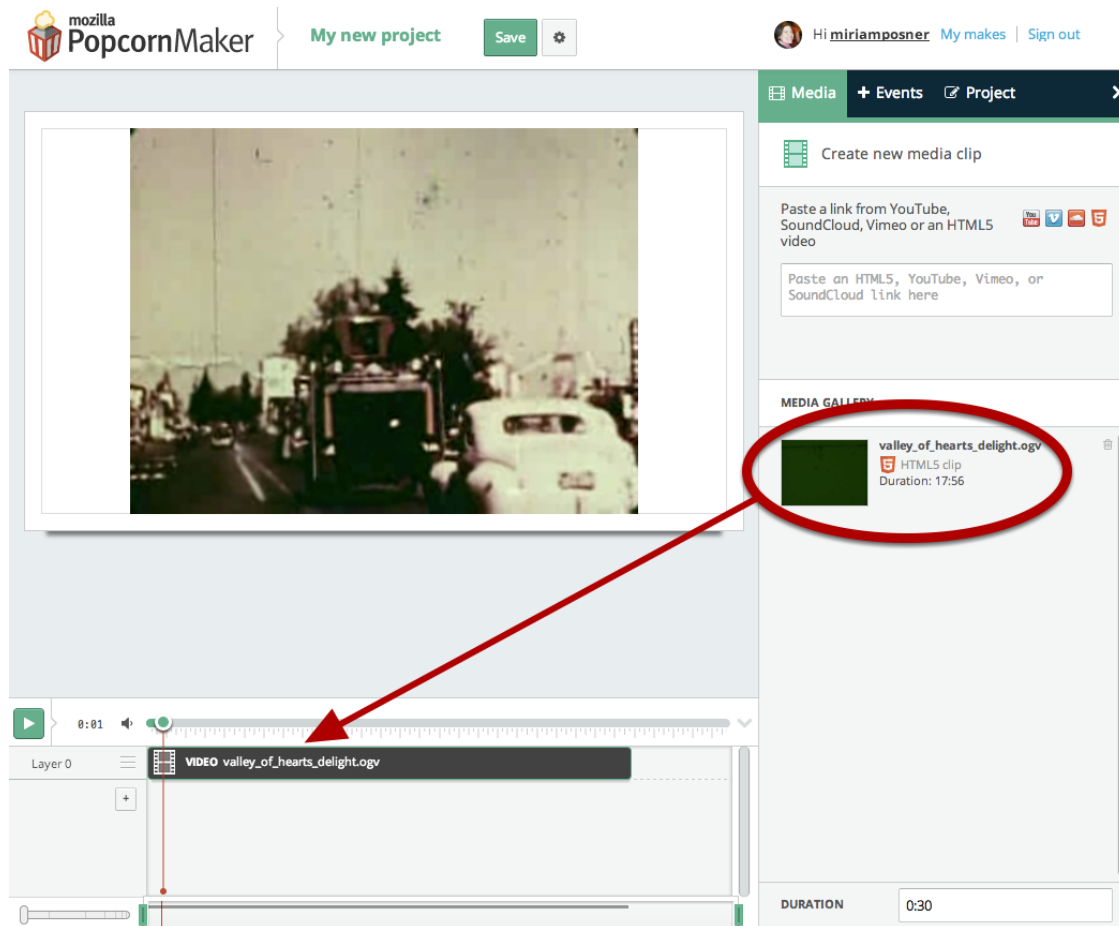
With Popcorn Maker, you layer media on top of sound or video, which can come from a number of places. As the icons indicate, you can easily use video from YouTube, Vimeo, or SoundCloud, just by pasting in the link. Somewhat less obviously, you can use video from a place like the Internet Archive, which uses HTML5 to display its video. Let's look at how to do this.

Grab a video from the Internet Archive

The screenshot shows the Internet Archive website interface. At the top, there's a navigation bar with links for Web, Video, Texts, Audio, Projects, About, Account, TVNews, and OpenLibrary. Below this is a search bar and a dropdown menu set to 'Cultural & Academic Films'. The main content area displays the video 'Valley of Heart's Delight (1948)'. On the left sidebar, under 'View movie', there's a thumbnail and a list of download options: 'Ogg Video' (73.1 M), 'MP4' (74.6 M), and 'MP3' (968.5 M). The 'Ogg Video' link is circled in red. Below the download options, there's a 'Resources' section with a 'Bookmark' link. The video player shows a still from the film, and below it, there's a description: 'A new version of the original of 1925, touting Santa Clara Valley's agricultural roots. Here we see the Clapp's Baby Food factory, the American Can Company plant, FMC, San Jose Steel, and Moffett Field, all accessible via the old Monterey Highway, or after arrival on the Coast Day steam locomotive-driven train.'

Once you've found a video you like on the Internet Archive, copy the link by **right-clicking** on the **Ogg Video** link and selecting **Copy Link Address** from the context menu. Then paste the link into your Popcorn Maker project and click on **Create Clip**.

Drag your video from the Media Gallery to the timeline



Drag it to Layer 0.

Explore your options

The screenshot shows the 'Clip Editor' interface with the following elements and numbered callouts:

- 1**: Fallback URL input field.
- 2**: Video progress timeline with a playhead.
- 3**: Video toggle switch (currently ON).
- 4**: Audio toggle switch (currently ON).
- 5**: Clip Title input field.
- 6**: Start and End time input fields.

Other visible elements include the URL input field with the text `http://archive.org/download/valley_of_hearts_delight/valley_of_hearts_delight.ogv`, the 'In' and 'Out' time fields (0:00 and 0:24.73), and a volume slider ranging from 0 to 100%.

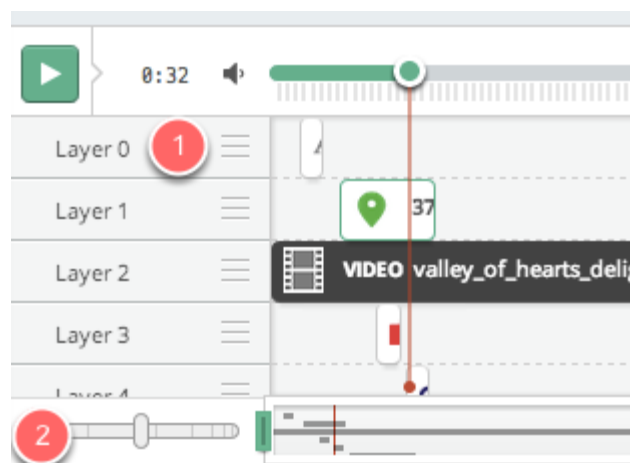
Once you've dragged your video to the timeline, you'll see the **Clip Editor** in the **Events** pane.

1. **Fallback** is where you can list another URL in case the browser you're using doesn't support HTML5. For Internet Archive videos, you can insert the URL for the MP4 version of your video in the same way you selected the .ogv

version.

2. By default, Popcorn Maker includes the first 30 seconds of your clip in your project. You can extend this time or shorten it by using this scrubber. It's not a full-fledged editing tool, but you can select only a portion of your video if you'd like.
3. If you'd like, you can turn the video portion of your clip off.
4. ... and you can do the same thing with the audio, as well as turn the volume down.
5. Here's where you can change the title of your clip.
6. Here, you can specify that you'd like time in your project before or after your video ends.

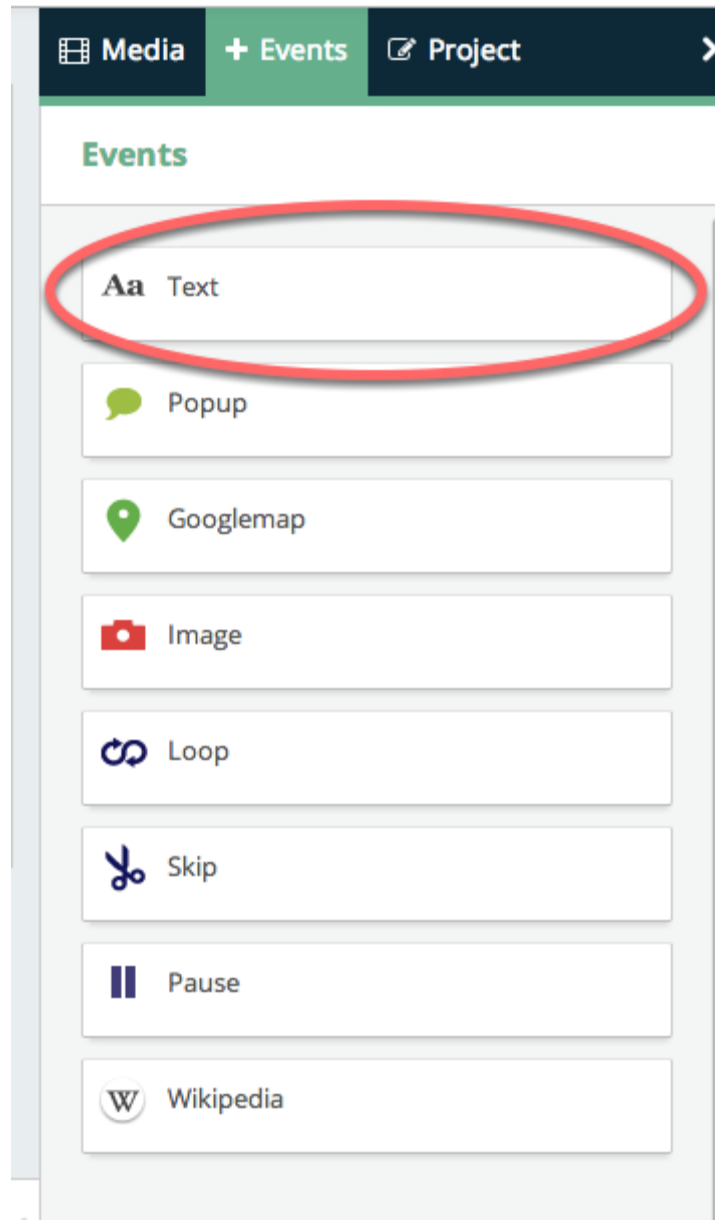
Making sense of the timeline



This image shows what a timeline from a completed project — with a number of different media assets — might look like.

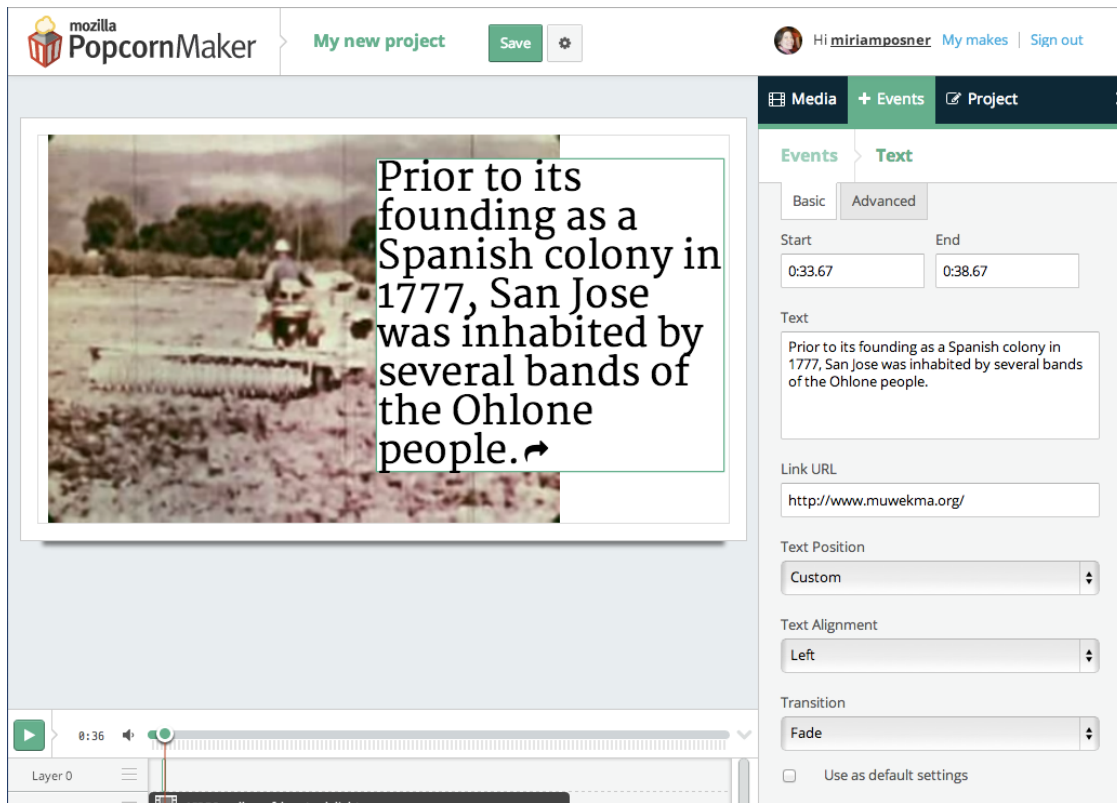
1. You assemble your project in **layers**. Layers with lower numbers appear *above* layers with a higher number. So layer one appears on top of layer two.
2. You can zoom in on part of your timeline by using this scrubber. This makes it easier to work with events of shorter duration.

Add some text to your video



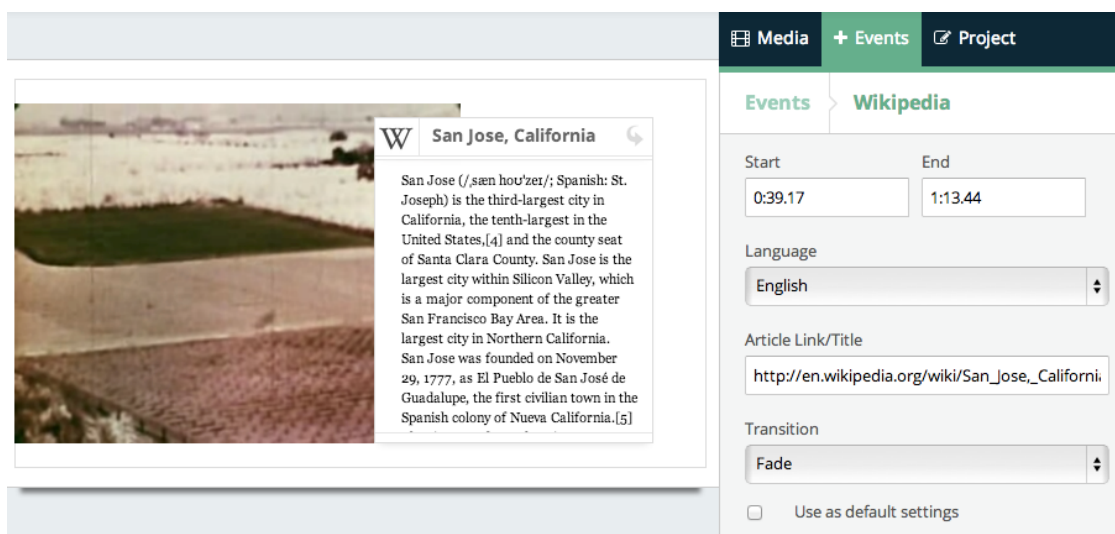
If you click on the **Events** tab, you'll see that you have the option to add some text to your video.

Explore your options



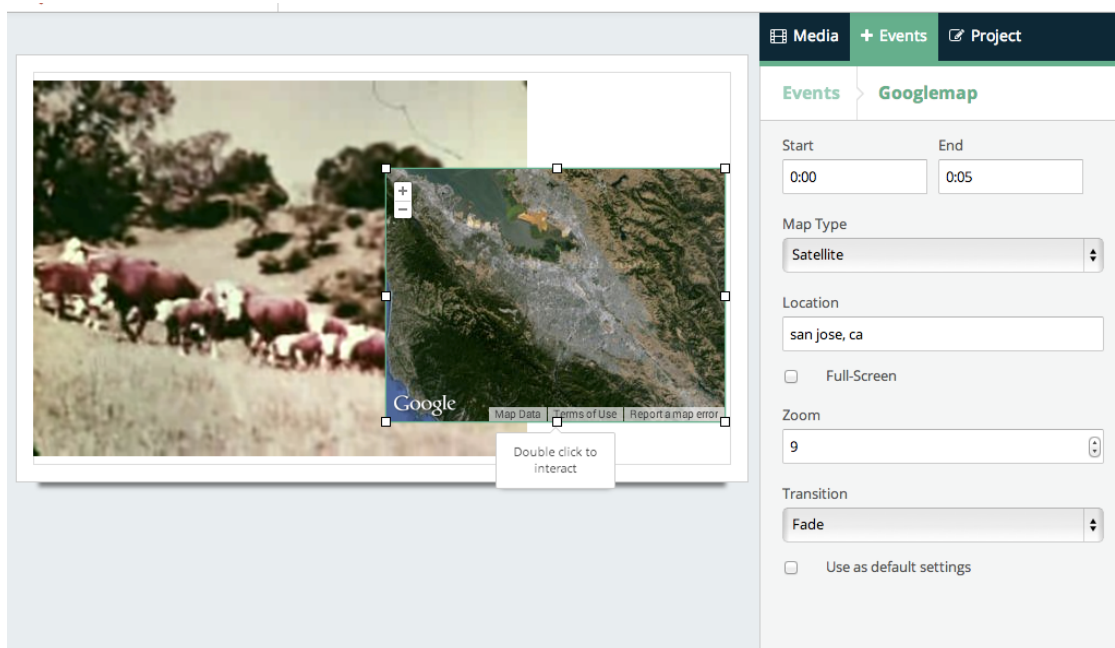
Once you start typing your text, you'll see that you have a number of different options. You can change the time when your text starts and ends, move it around on the canvas, and change the way it transitions on and off the page. You can also provide a link for the viewer to click. Under the **Advanced** tab, you can change the font and color.

Add an article from Wikipedia



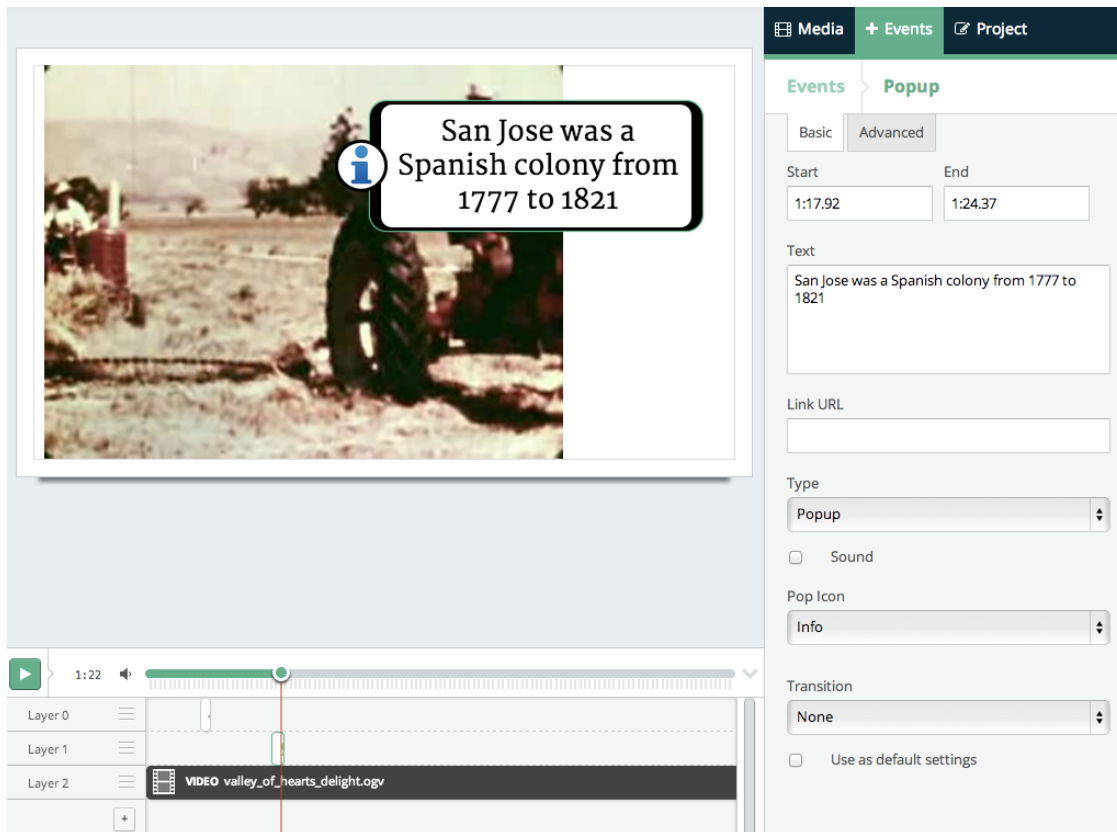
You can also add a Wikipedia article, which the viewer can interact with as the video plays. Be sure to give the viewer enough time to explore the article.

Add a map



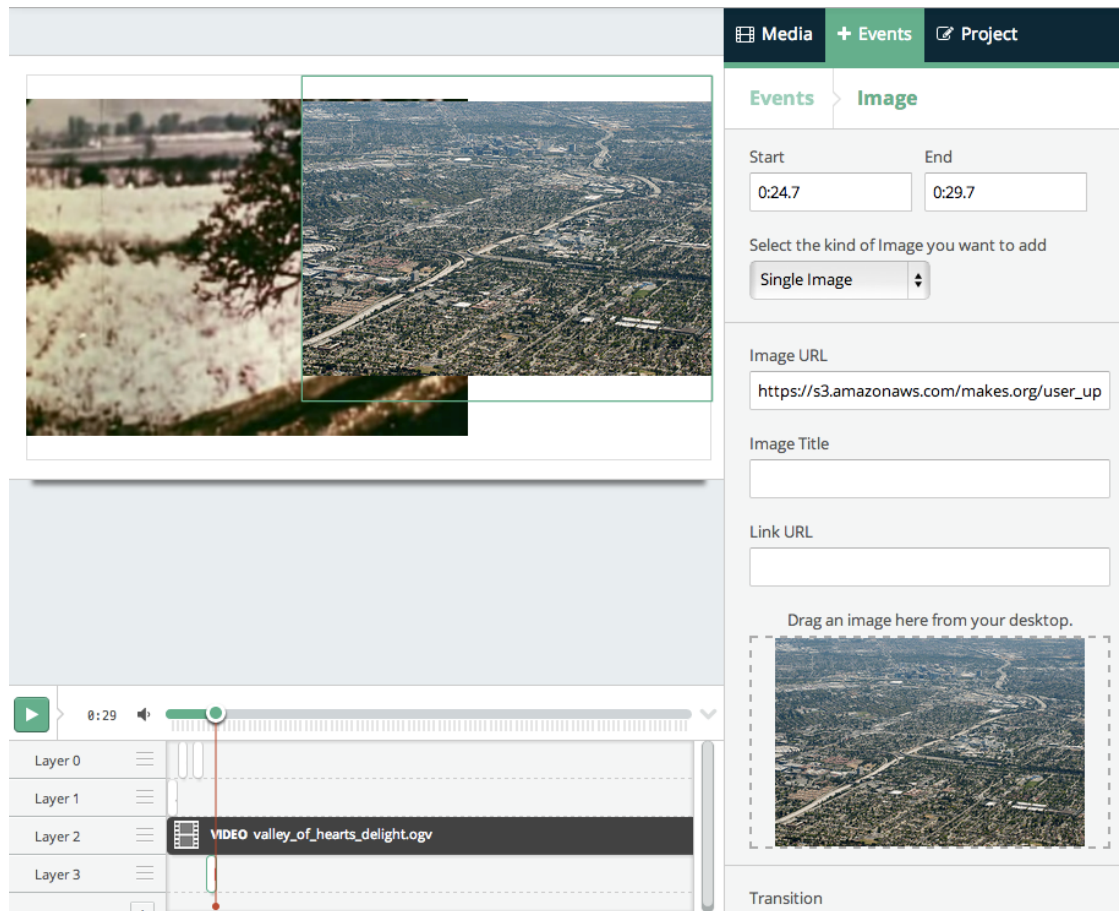
You can also add a Google map, which your viewers can interact with as the video plays. As I write this, choosing any of the Stamen map options causes Popcorn Maker to crash, so be sure to save your work before you select this option.

Add a popup



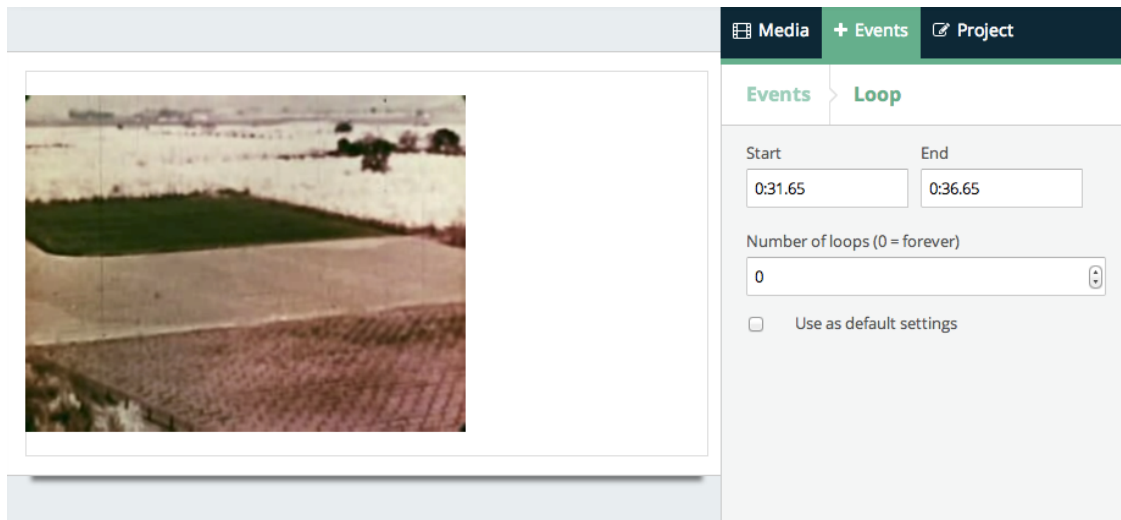
A **popup** is a bit of text you can position on the page, kind of like VH1's Pop-Up Videos. You can customize the popup's look and feel with icons and transitions.

Add an image



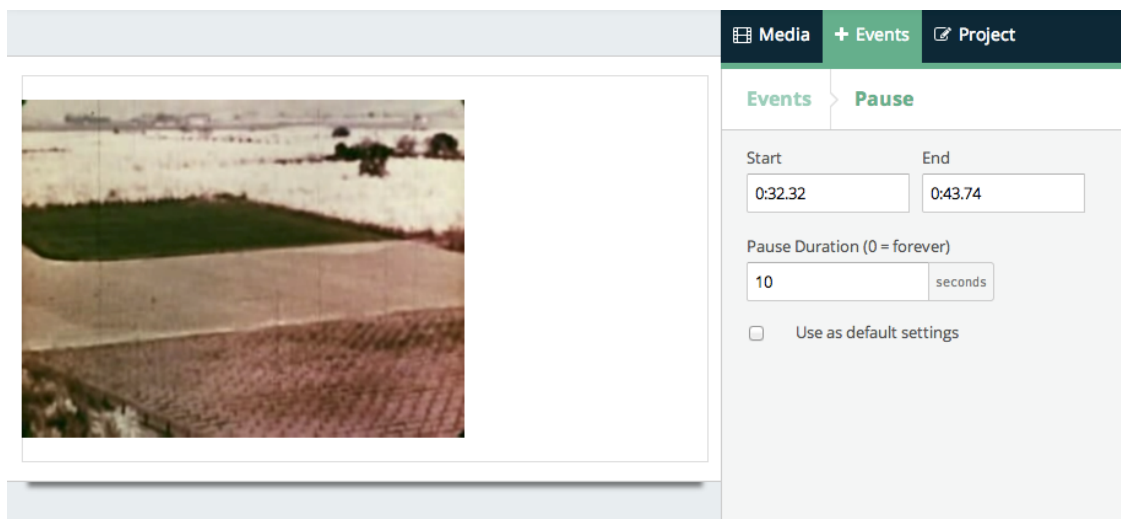
Add an image by dragging it from your desktop. You can also specify a Flickr slideshow, which will display images that are either tagged with a word you specify or from a specific URL.

Replay snippets with a loop



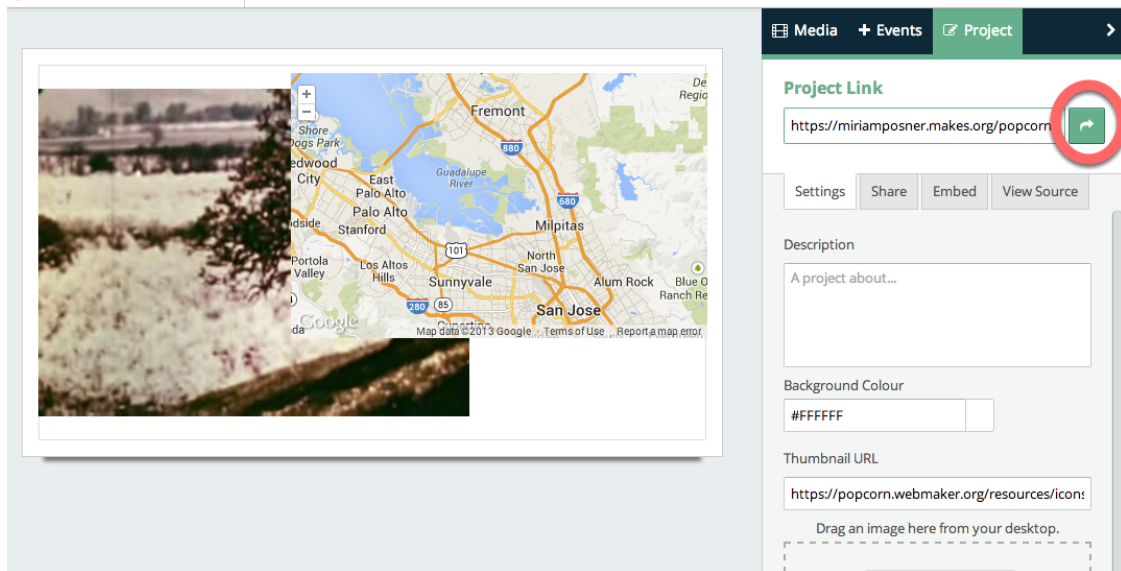
With a **loop**, you can specify that you'd like part of your video to repeat.

Pause for as long as you want.



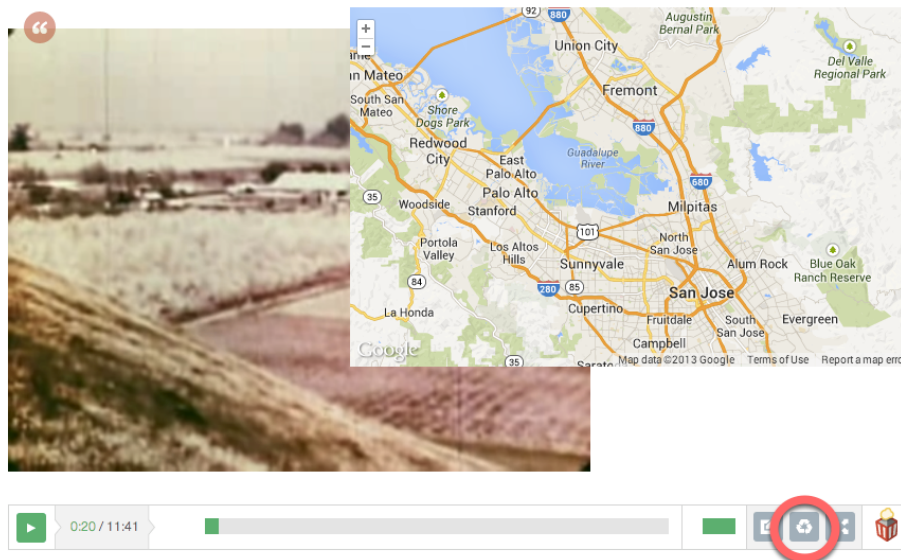
Once the pause is complete, your video will pick up where it left off.

Save and share your project



If you click on the **Project** tab, you'll see that you can add descriptive information about your project, tweet the link, share it on Google Plus, or get the code to embed it on a website. Because your project is authored in HTML5, you can also see all its source code. Click on the green arrow button to see what your project looks like in its completed state.

Other people can remix your work



Completed projects include a **remix** button, with which anyone on the Internet can use your content to create a new version of your project.