

MATCHTUNE

FOR DEVELOPPERS

```
5 abort("The Rails environment is running in production!")
6 require 'spec_helper'
7 require 'rspec/rails'
```

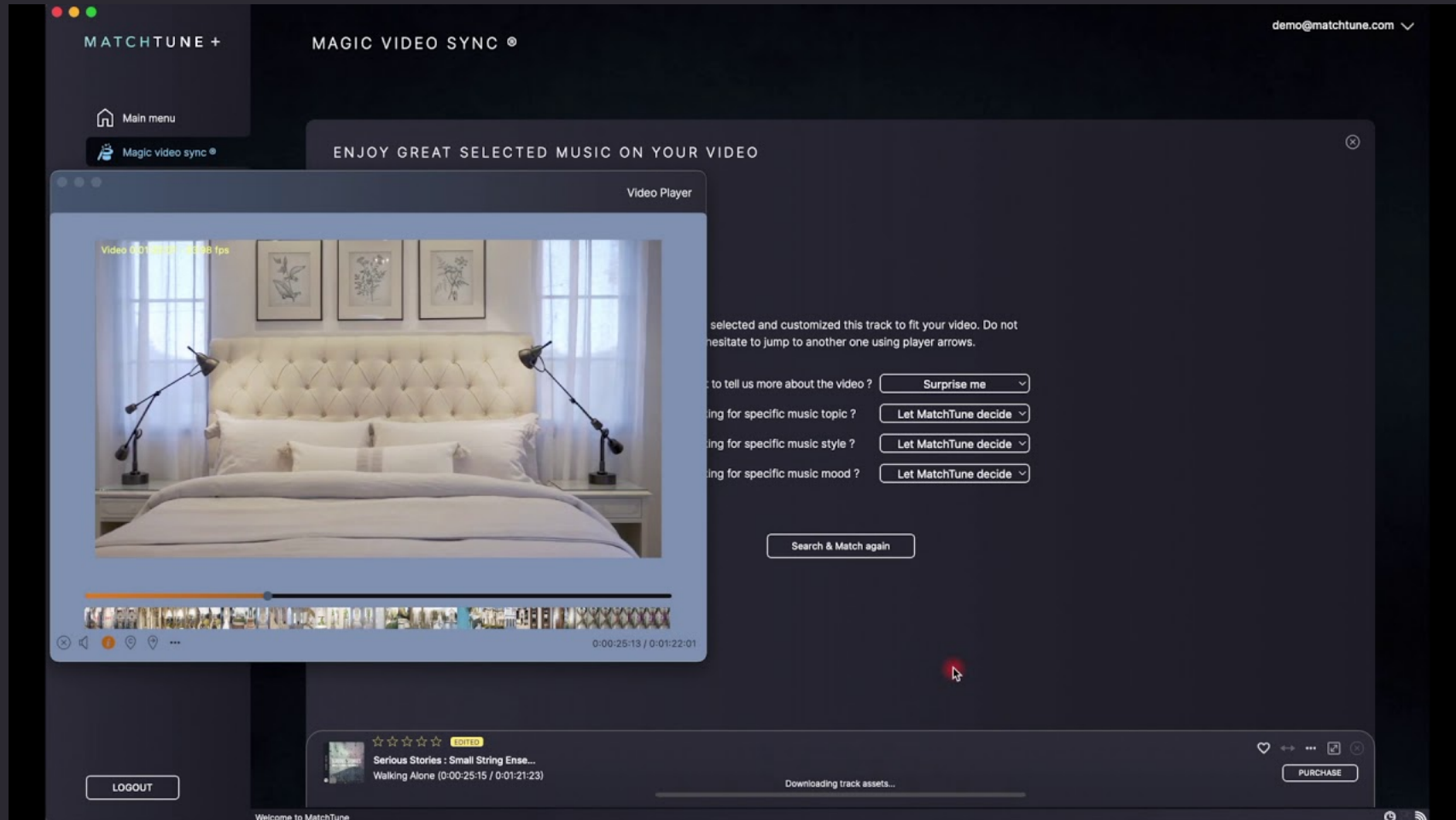
```
9 require 'capybara/rspec'
10 require 'capybara/rails'
```

```
11
12 Capybara.javascript_driver = :webkit
13 Category.delete_all; Category.create
14 Shoulda::Matchers.configure do |config|
15   config.integrate do |with|
16     with.test_framework :rspec
17     with.library :rails
18   end
19 end
```

```
20 # Add additional requires below this line. Make sure they are all on the same line.
21
22 # Requires supporting ruby files with custom matchers (rspec/support/**/*.rb)
23 # spec/support/**/*.rb
24 # run as spec files by default. This will be required when you run rspec.
25 # in _spec.rb will both be required when you run rspec.
26 # run twice. It is recommended that you do not use the same matcher in the
27 # end with _spec.rb. You can configure the matcher to be used in the
28 # option on the command line. For example, you can use the command
```

2021

Magic Video Sync demo reel



<https://youtu.be/-gWZBm8spGs>

Let MatchTune sync your track to your video

Extensive use of AI provides:

- Precise video scenes detection
- Objects and movement detection
- Colors detection



What MatchTune can do for you



Easiest API implementation

- Directly integrate MatchTune technology into your applications using our simple REST API
- SDK and Support available
- Python JavaScript Php

What MatchTune can do for you



Create with AI the perfect music match for digital contents and engage your audience in seconds

1. Connect to a large and **top quality** music catalogs in one single place
2. Music tracks search engine based **on video, smart criteria or on music structure**
- 3. Similarity** search engine
4. Let MatchTune edit selected tracks to **any duration**
- 5. Stems** available for all tracks
- 6. Chords** for every track
7. Smart Music **Markers**

MatchTune is your best work partner for your Music needs.

Connect to a very large quality music selection



- Large and top quality music catalogs available in one single place
- Lossless audio quality



2. Quickly find the right music tracks based **on video**



Video Player

Video: 0:01:29:23 - 29.97 fps

FIENDS YouTube: wattsissimo 001

0:00:00:00 / 0:01:29:23

MatchTune +

Main menu

Magic video sync

In a rush for Music

Music catalog search

Tutorials

Projects

Settings

Select Video

LOGOUT

pg philippe@matchtune.com

MUSIC CATALOG SEARCH

Tracks

Genres

Moods

Instruments

Colors

Albums

Playlists

Alike

Deep Search

Publishers

27 Total tracks (NO RESULTS IN LAST QUERY)

TITLE	GENRE	
COCO COCO 5927	00:54 / 126 Bpm	☆☆☆☆☆ EDITED NEW
RIGHT OF WAY RIGHT OF WAY 713	02:17 / 91 Bpm	☆☆☆☆☆ NEW
Electronic Colors Just Feel It	00:47 / 70 Bpm	☆☆☆☆☆ EDITED NEW
Electronic Colors Just Feel It	00:32 / 70 Bpm	☆☆☆☆☆ EDITED NEW
Indie Station Indie Shopping	03:12 / 105 Bpm	☆☆☆☆☆
COCO COCO 5927	01:54 / 126 Bpm	☆☆☆☆☆
VACATION VACATION 6370	02:07 / 108 Bpm	☆☆☆☆☆
Big Brass And Beats Ragged	01:50 / 150 Bpm	☆☆☆☆☆

COCO

☆☆☆☆☆

COCO 5927 (00:21 / 01:54)

100% M S

100% M S

100% M S

100% M S

STEMS (ORIG)

SYNTH

BEAT

BASS

PIANO

100% M S

100% M S

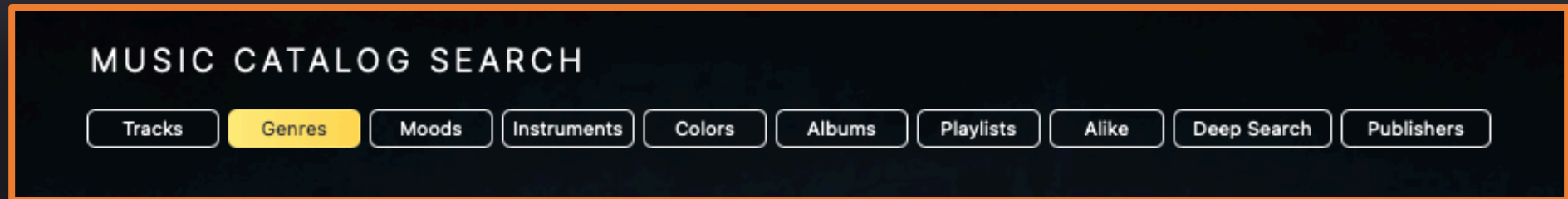
100% M S

100% M S

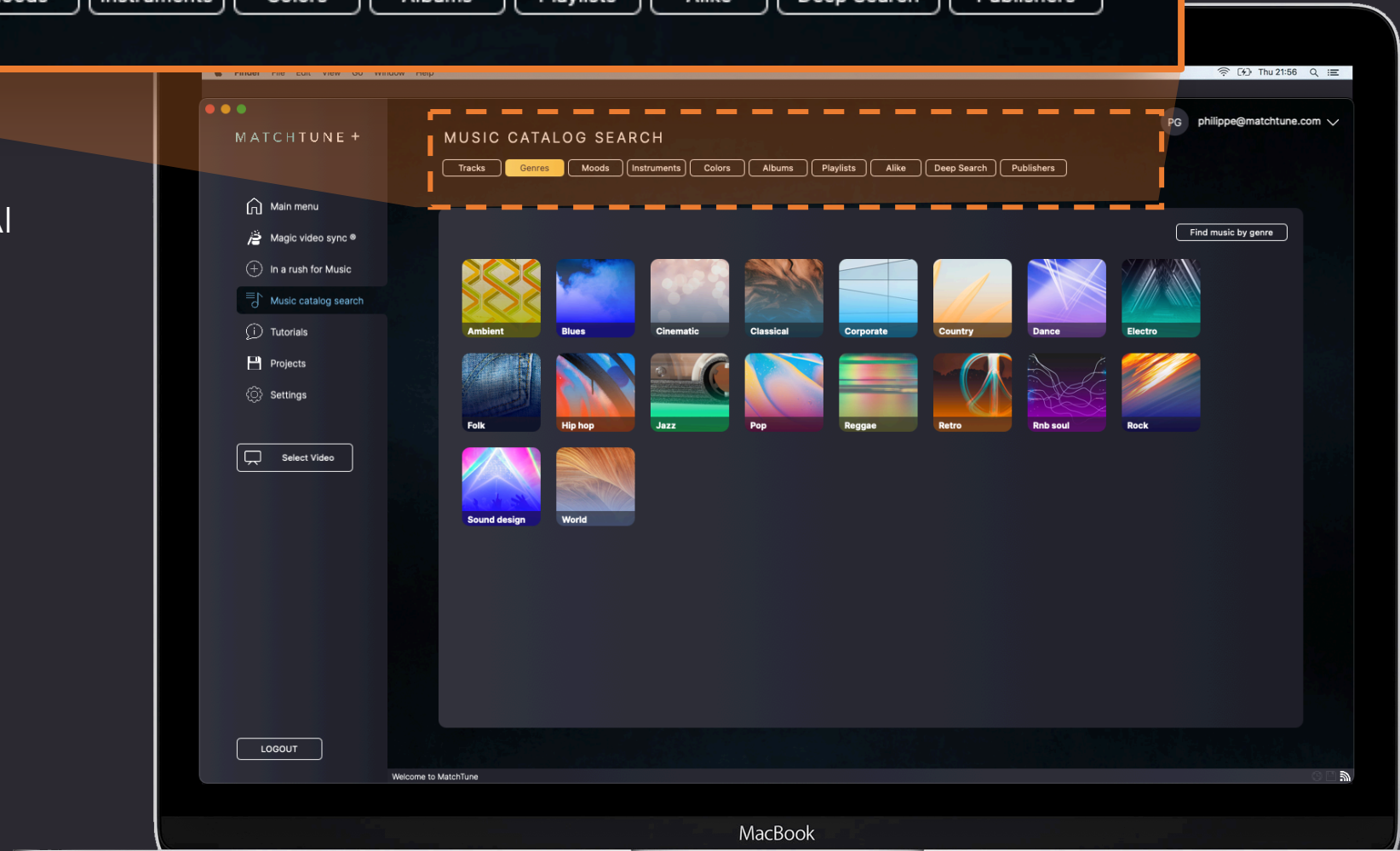
PURCHASE

MacBook

2. Quickly find the right music tracks based **smart criteria**



- Music catalogs were analyzed with AI (unbiased)
- Available search criteria includes
 - Genres
 - Moods
 - Instruments
 - Colors
 - Albums
 - Playlists
 - Sound alike
 - Publishers



2. Quickly find the right music tracks based on **music structure**

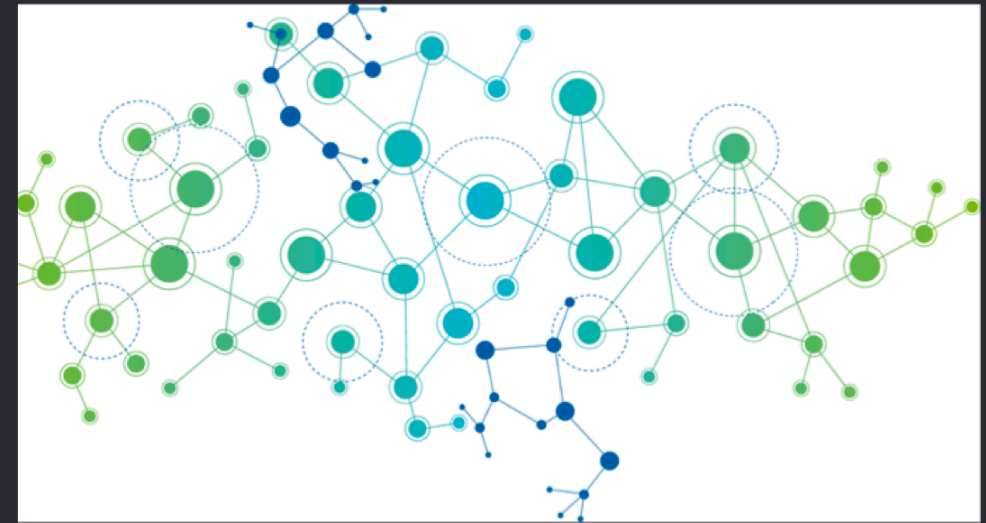


3. Get a precise map of similarities for your entire catalog



Understanding relationships between tracks:

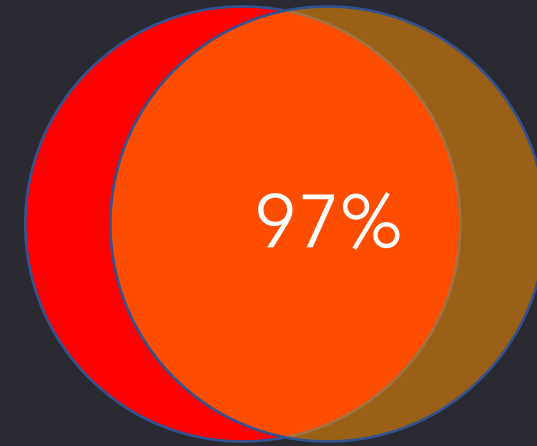
- Get a clear view of what's redundant and missing
- Prevent plagiarism risks
- Establish a similarity map between tracks
- Provide better sound alike search results to User



Get a precise similarity score between 2 music tracks



Marvin Gay – Got to Give it Up
vs
Robin Thicke – Blurred Lines



Having a matching verification process between tracks:

- Prevent plagiarism risks
- Establish a similarity map between tracks
- Provide better sound alike search results to User

4. Let MatchTune edit selected tracks to your needs



- Music tracks can be instantly reedited by Artificial Intelligence preserving original structure
- Tracks can be reedited:
 - To any duration
 - Optionally set a climax moment
 - New stems generated for new version
 - Lossless quality

1 Pick the Music Genre you are looking for

Genre

2 Pick the Music duration (Minutes) you would like to get

Minutes

01:00

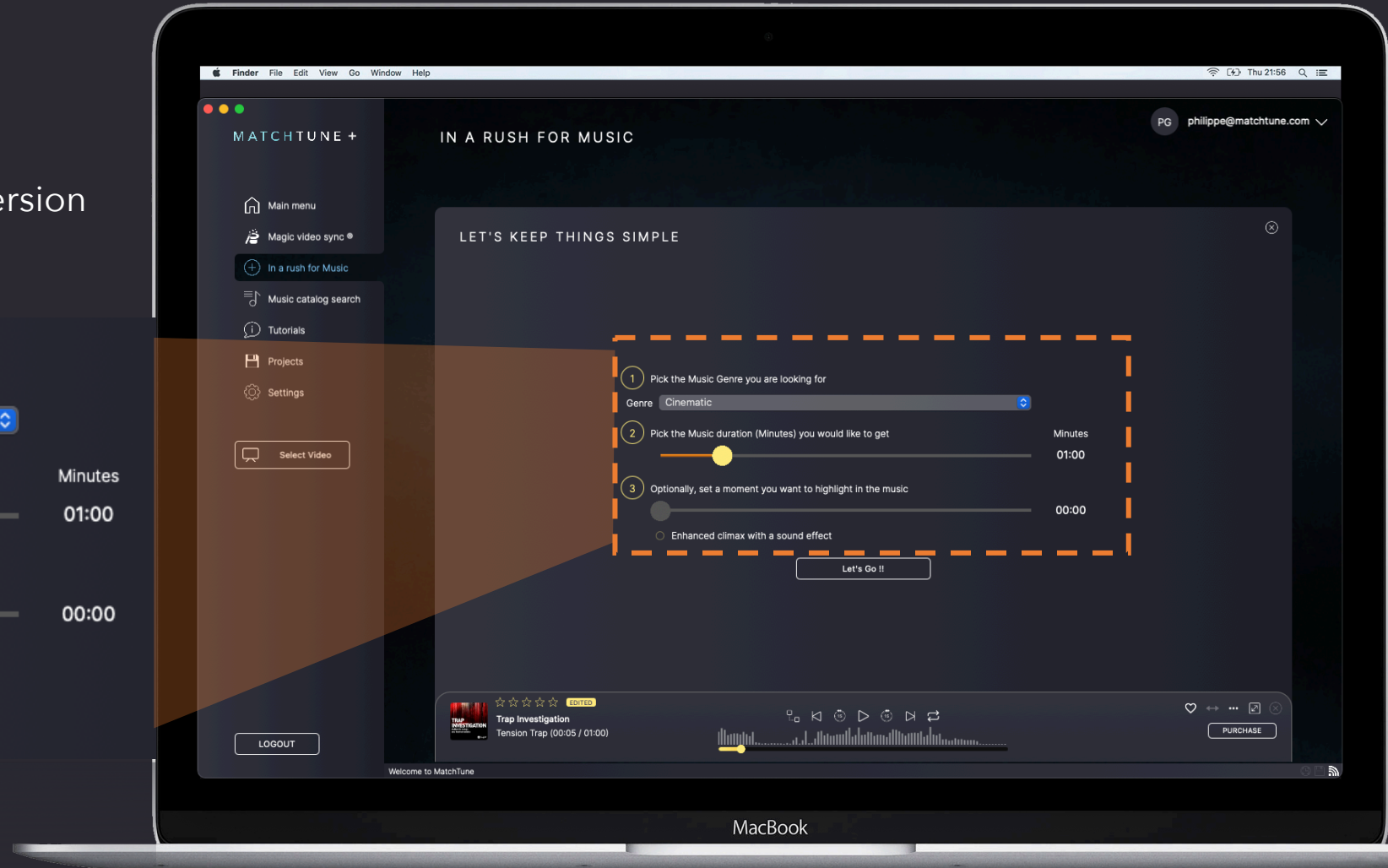
3 Optionally, set a moment you want to highlight in the music

00:00

☐ Enhanced climax with a sound effect

Let's Go !!

Let's Go !!

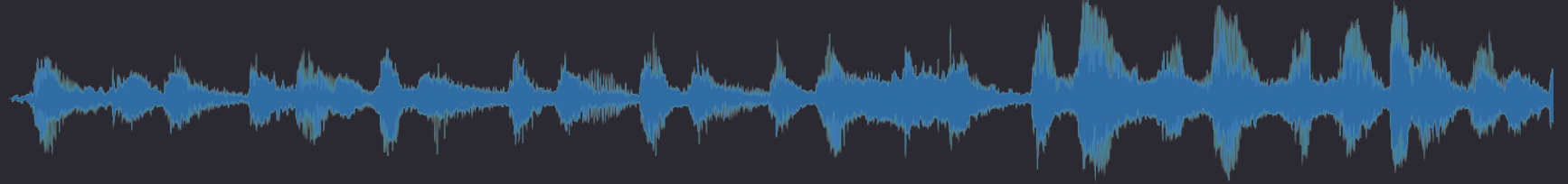


Music Re-Editing patented technology

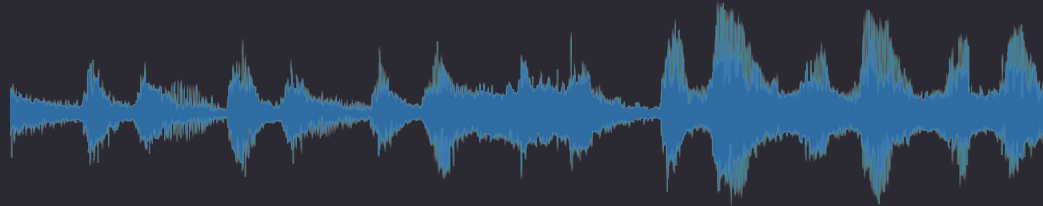


MatchTune instantly re-edit music tracks to any duration

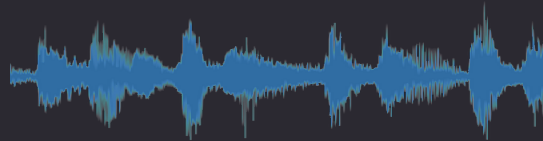
Original Version



60 Sec Version



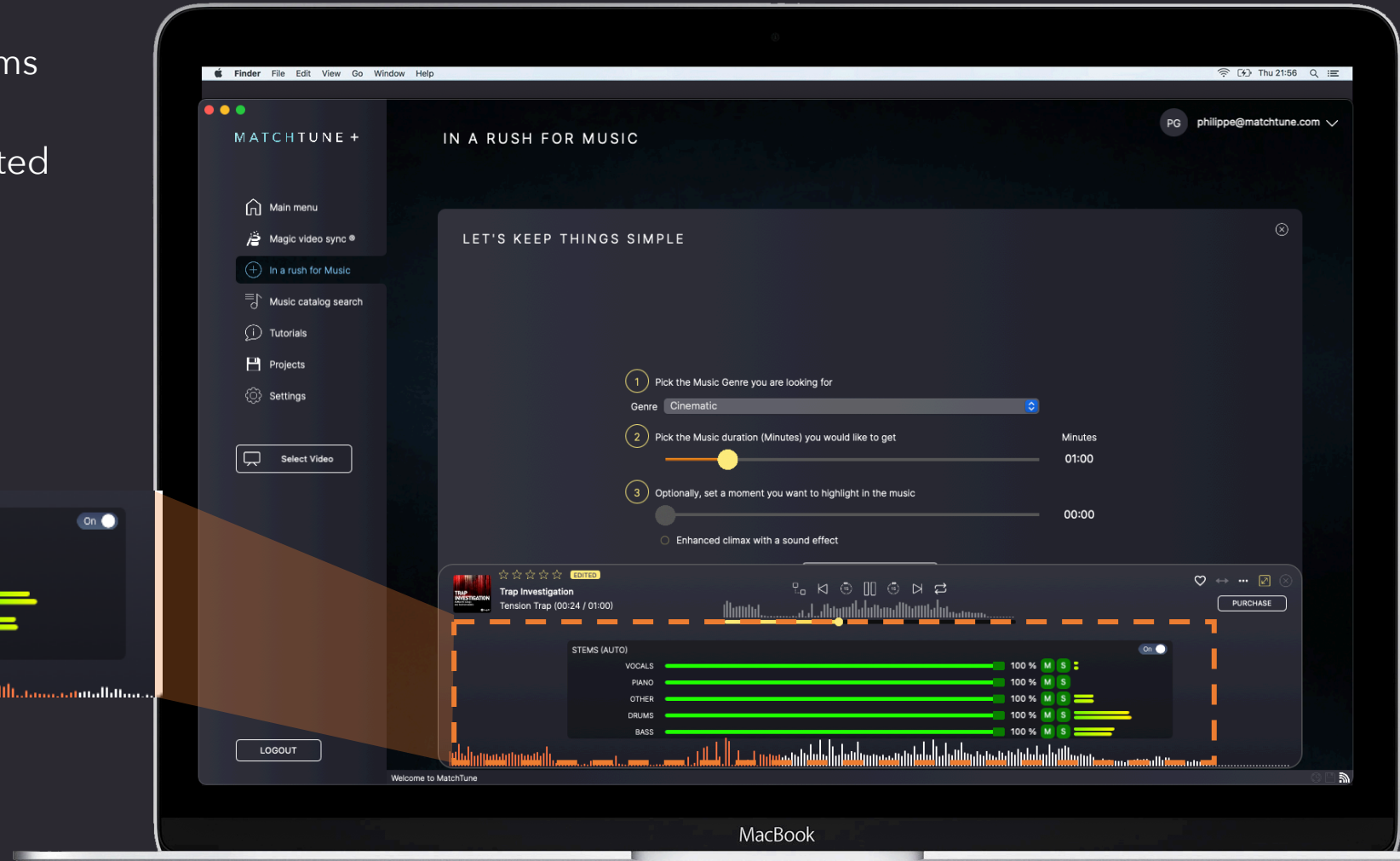
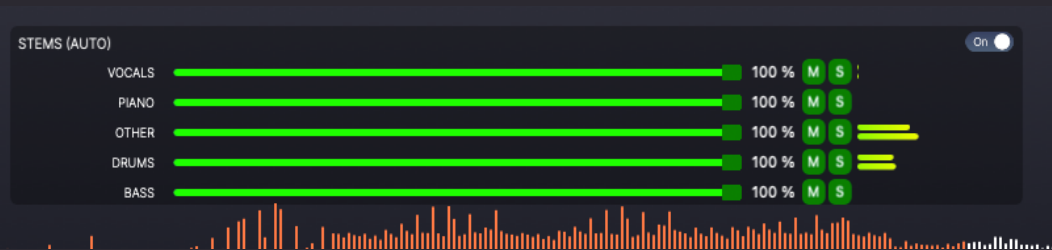
30 Sec Version



5. **Stems** are available for all tracks



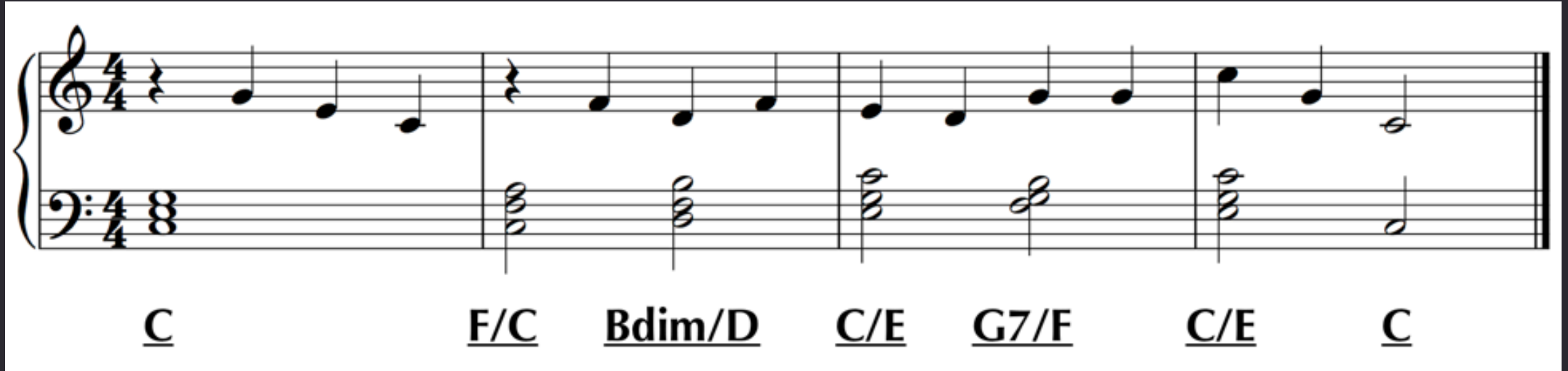
- Music tracks are delivered with Stems
- Stems are either original or generated with our source separation AI



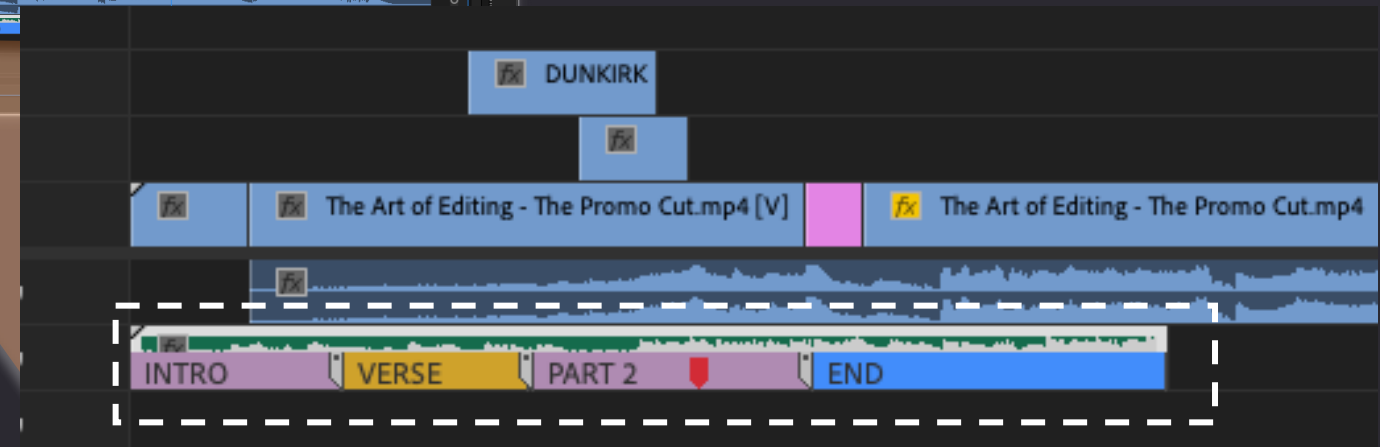
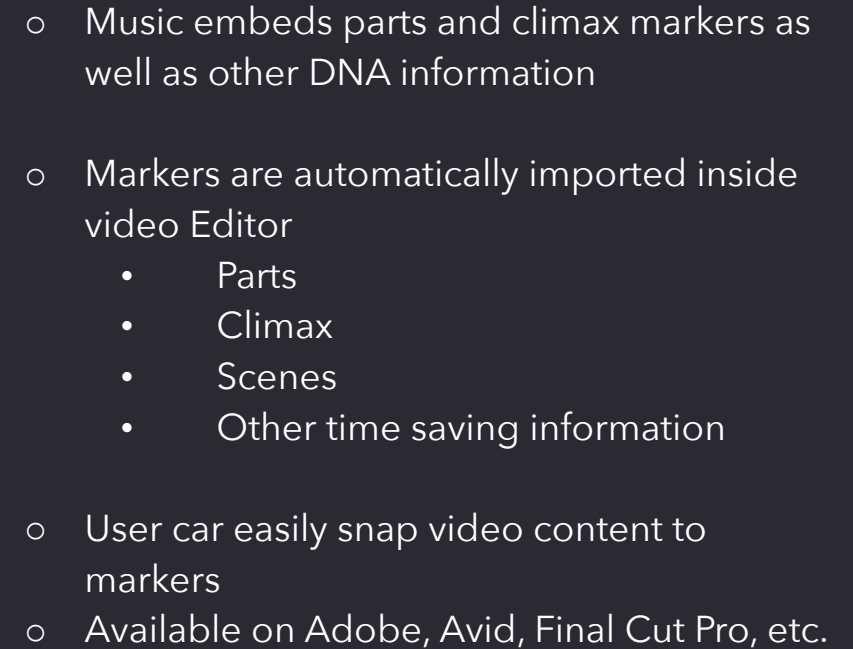
6. **Chords** made available for each music track

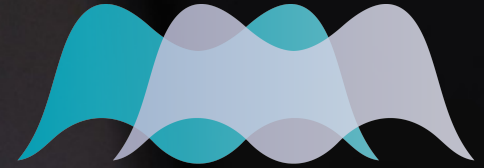


MatchTune uses AI to extract chords from music

A musical score in 4/4 time, featuring a melody in the treble clef and a bass line in the bass clef. The bass line is marked with a '4 8' time signature. The score is divided into seven measures, each with a chord label below it. The chords are: C, F/C, Bdim/D, C/E, G7/F, C/E, and C. The melody consists of eighth and quarter notes, while the bass line features chords and single notes.

C F/C Bdim/D C/E G7/F C/E C





MATCHTUNE

FOR DEVELOPPERS

```
5 abort("The Rails environment is running in production mode!")
6 require 'spec_helper'
7 require 'rspec/rails'
```

```
8
9 require 'capybara/rspec'
10 require 'capybara/rails'
```

```
11
12 Capybara.javascript_driver = :webkit
13 Category.delete_all; Category.create
14 Shoulda::Matchers.configure do |config|
15   config.integrate do |with|
16     with.test_framework :rspec
17     with.library :rails
18   end
19 end
```

```
20 # Add additional requires below this line. Make sure they are not too early.
21 # Requires supporting ruby files with constants defined below this line.
22 # spec/support/ and its subdirectories. Files starting with "support_" are
23 # run as spec files by default. This way the framework can't load any
24 # in _spec.rb will both be required and run as specs. This is useful
25 # run twice. It is recommended that you do not use "require" here.
26 # end with _spec.rb. You can configure the pattern used to match
27 # files on the command line with the --pattern option.
```

CONTACT@MATCHTUNE.COM