Spotify-ed

Music recommendation and discovery in Spotify

José Bateira *ei10133@fe.up.pt*
Fabien Gouyon *fgouyon@inescporto.pt*

RAMA Relational Artist MAps

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Why RAMA?

RAMA Relational Artist MAps

What is RAMA?

rama.inescporto.pt

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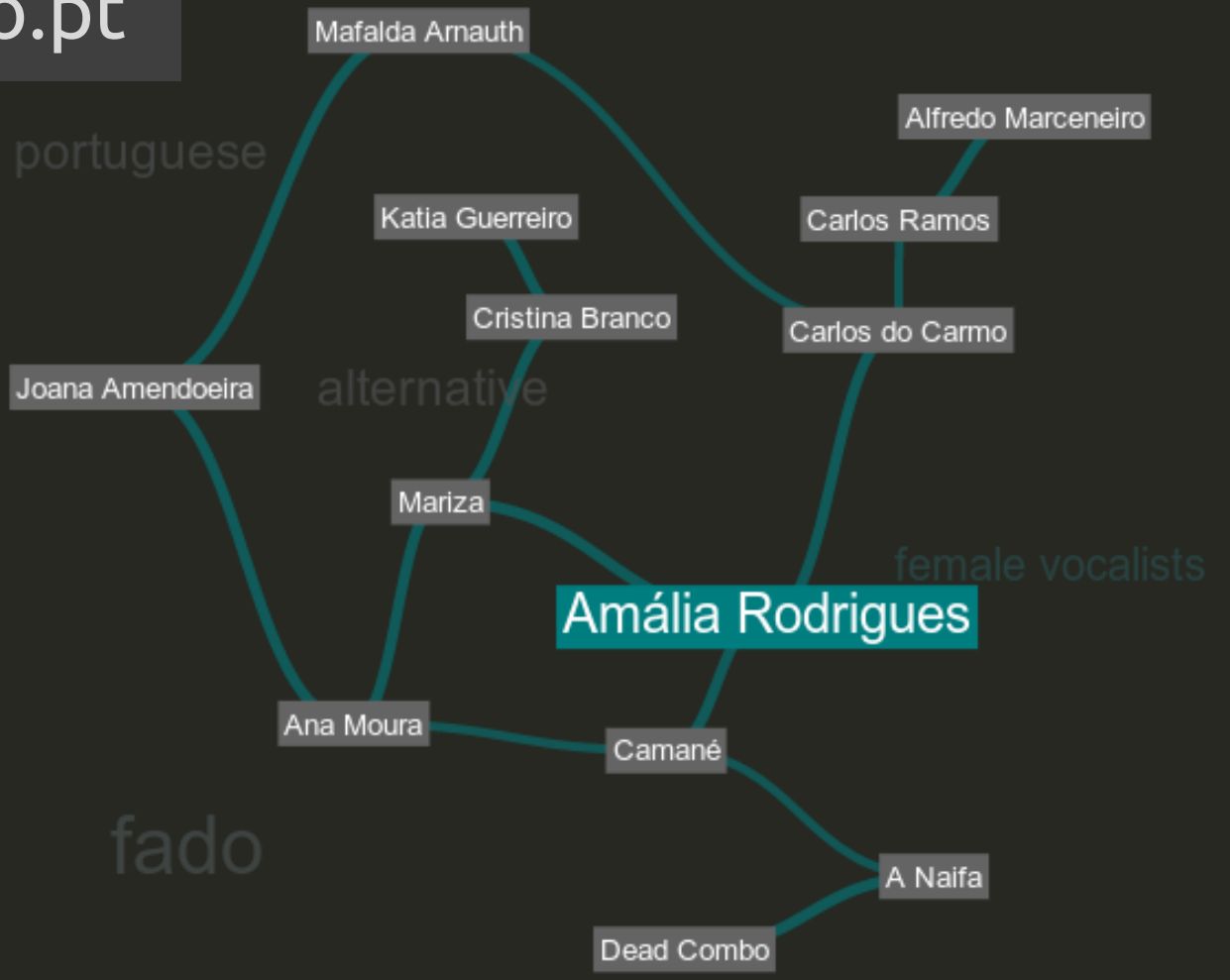
What is RAMA?

rama.inescporto.pt



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What is RAMA?

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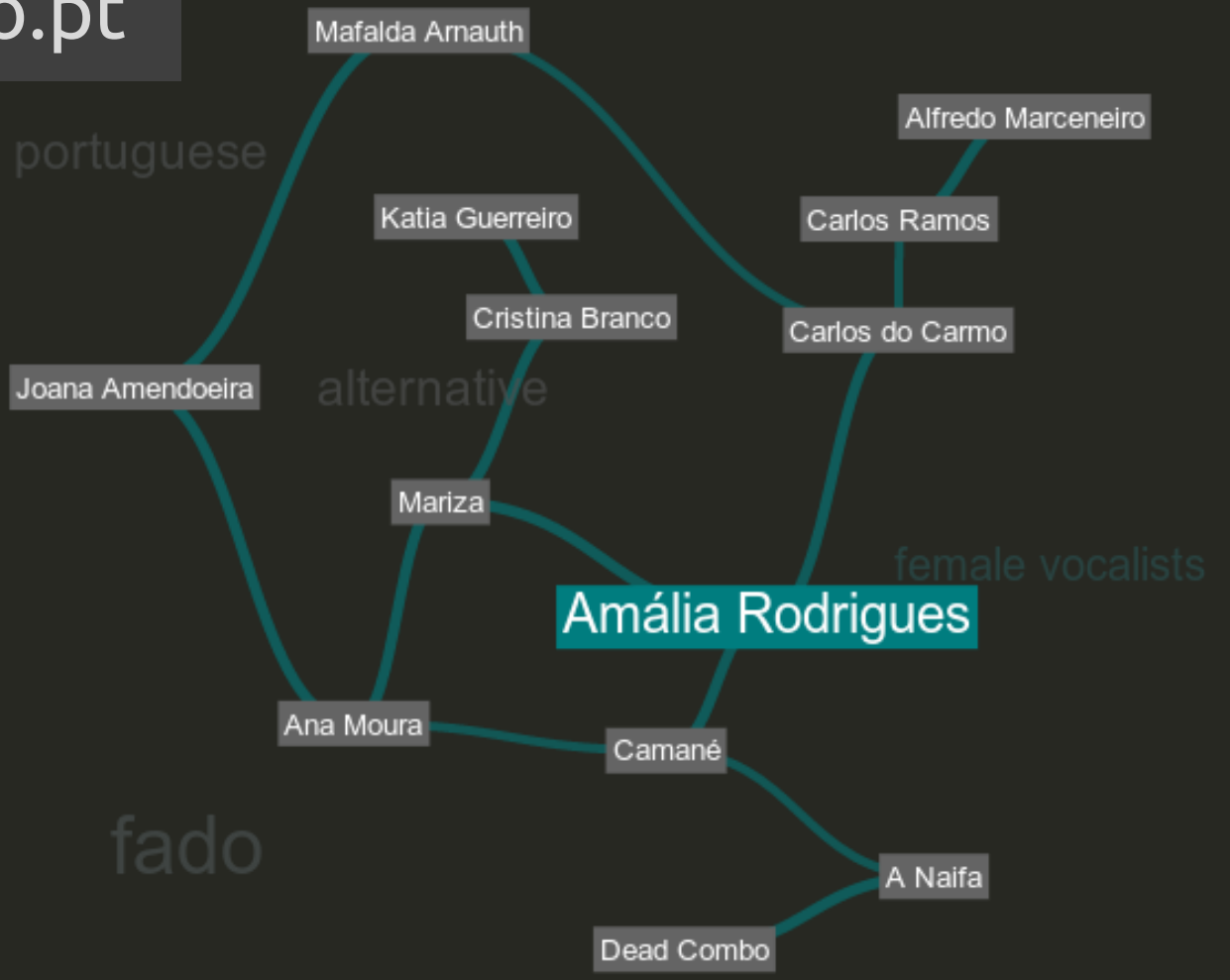
artist metadata from

last.fm



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artist metadata from

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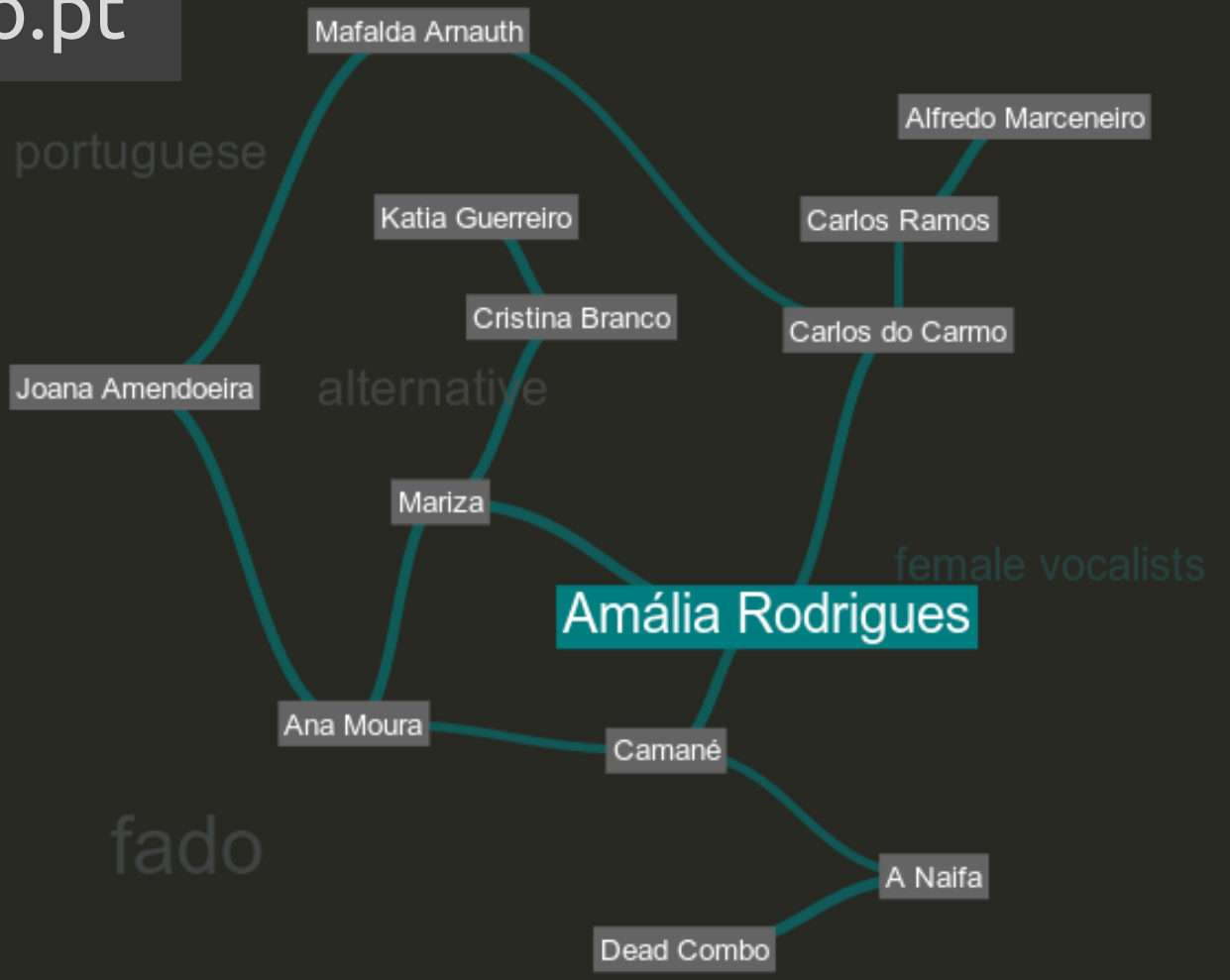
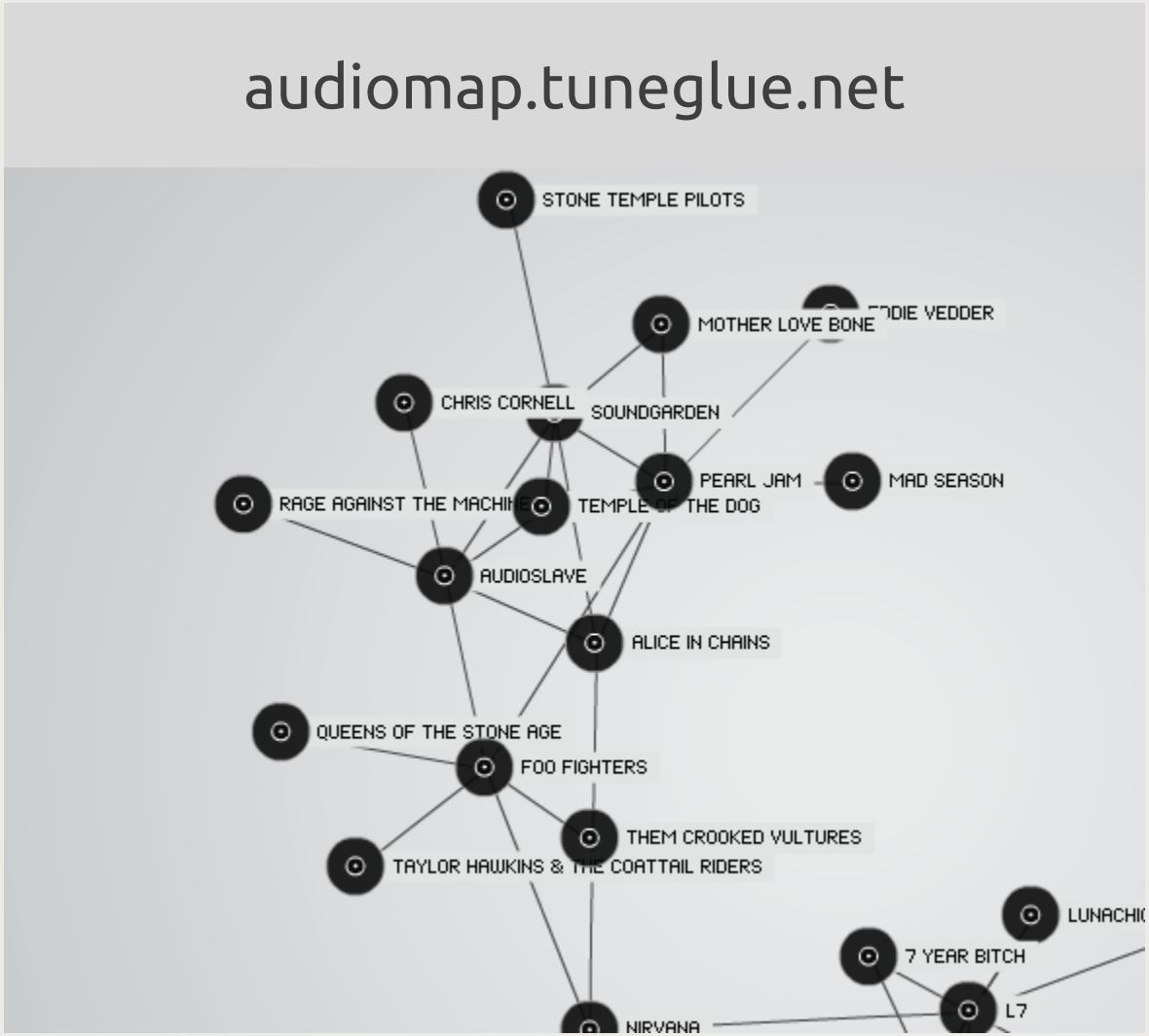
music stream from

YouTube



RAMA Relational Artist MAps

State of the art



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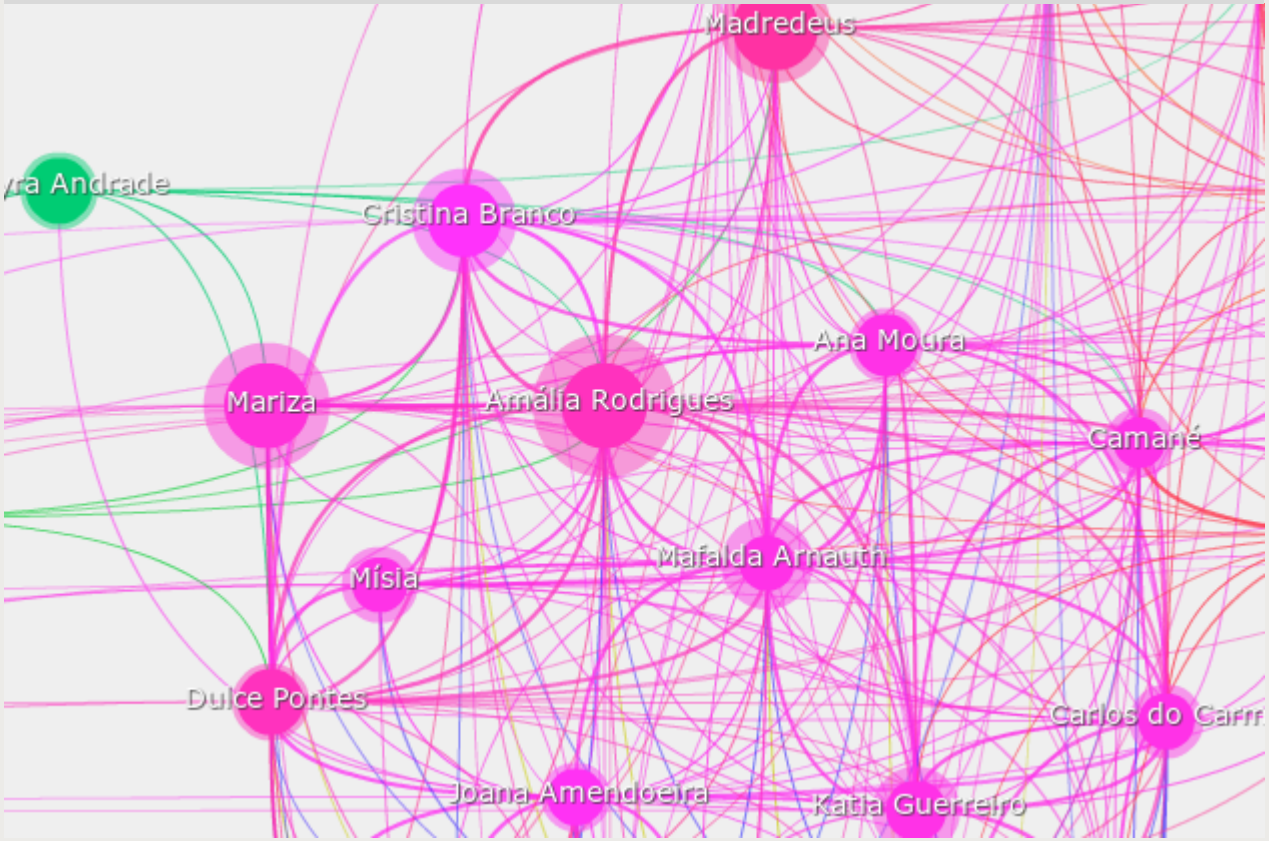
State of the art

liveplasm.com



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where it falls short

music stream from

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Problems?

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Problems?

video's sound quality is not adequate

RAMA Relational Artist MAps

where it falls short

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Problems?

- video's sound quality is not adequate
- no music related metadata on Youtube

RAMA Relational Artist MAps

where it falls short

music stream from

Problems?

- video's sound quality is not adequate
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Youtube is not a music streaming service

Spotify

Spotify

a real music streaming service

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music streaming service

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a real music streaming service

music streaming service

metadata and digital content managed by Spotify

Spotify

a real music streaming service

music streaming service

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just hit play and you’re ready to rock

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music streaming service

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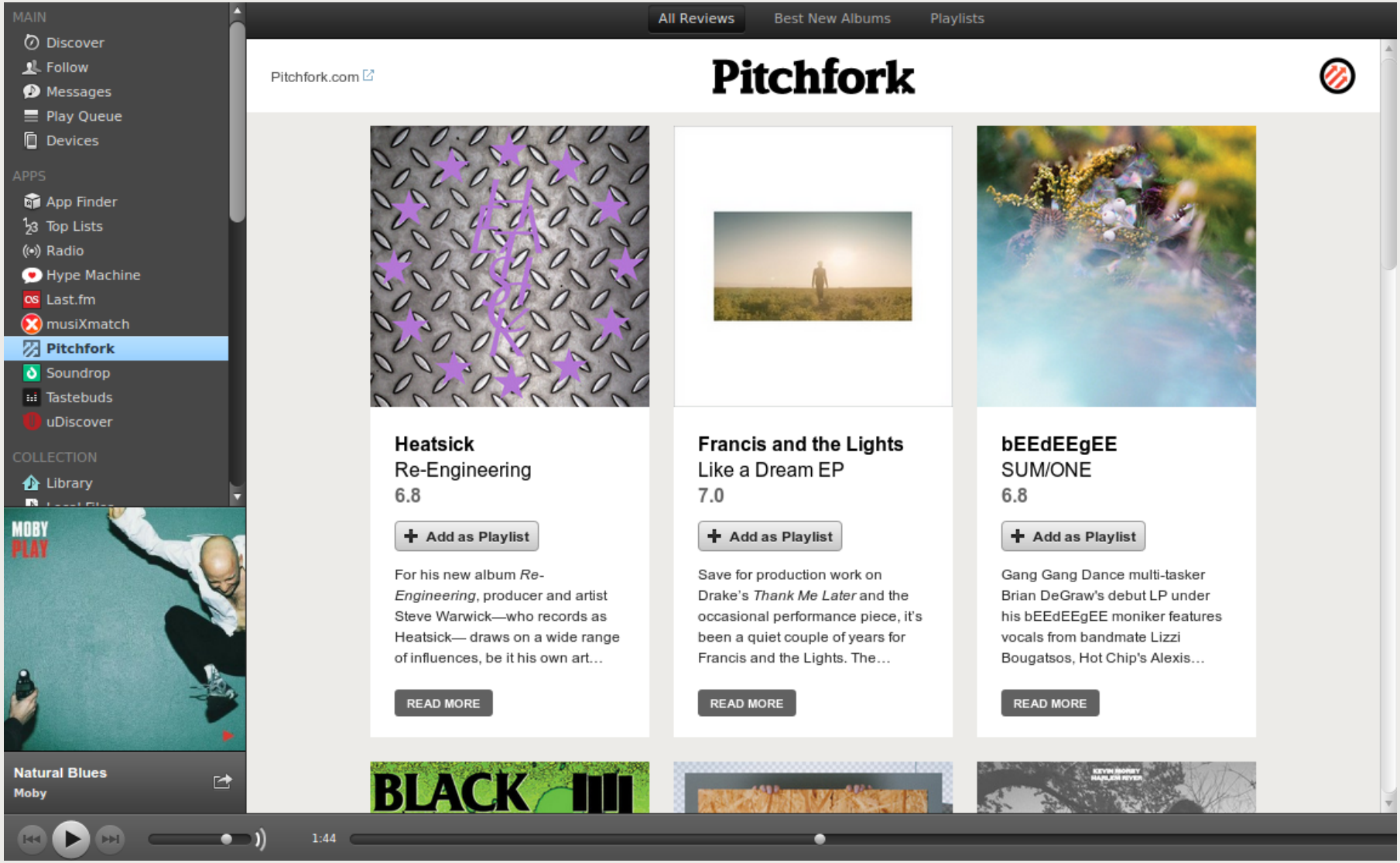
Spotify has browse/discovery mode and related artists

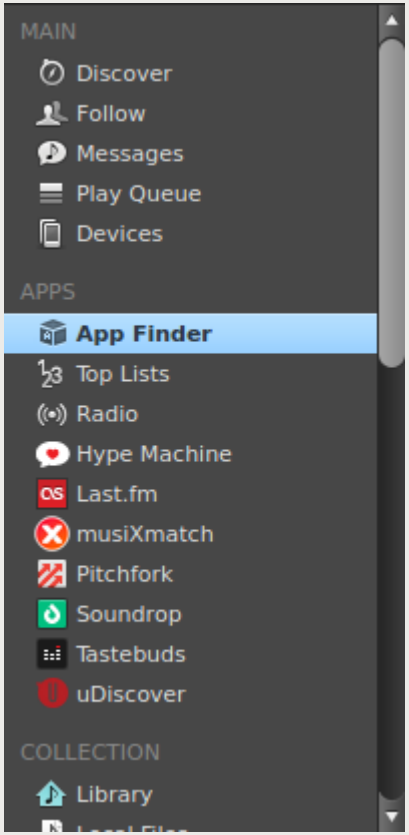
Spotify

why spotify?



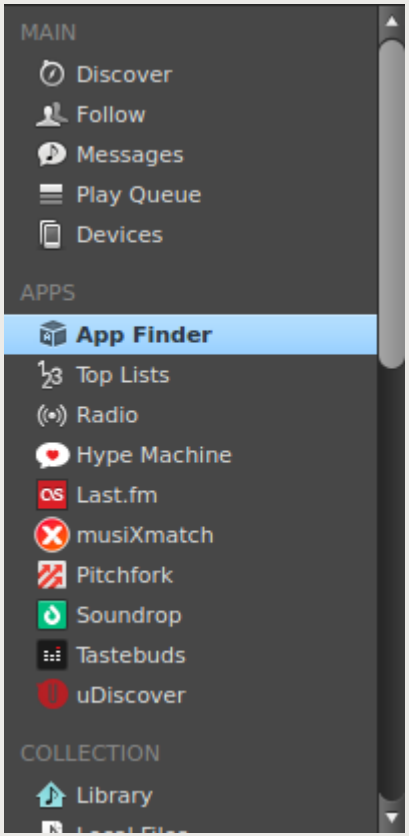
Spotify

why spotify?



Spotify

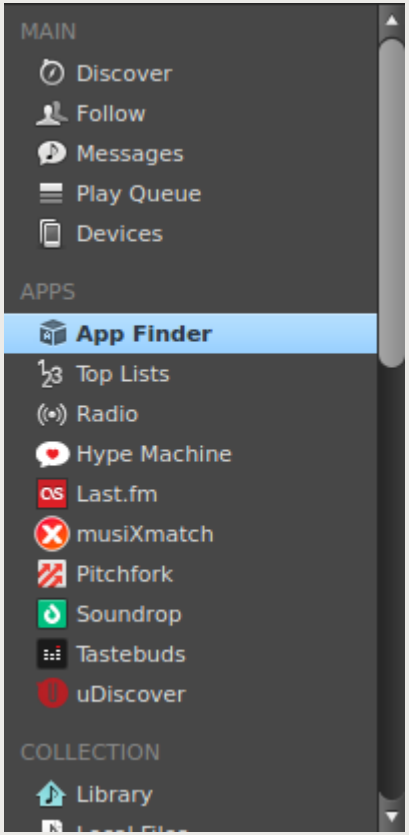
why spotify?



App Finder: built-in app store (all apps are free)

Spotify

why spotify?



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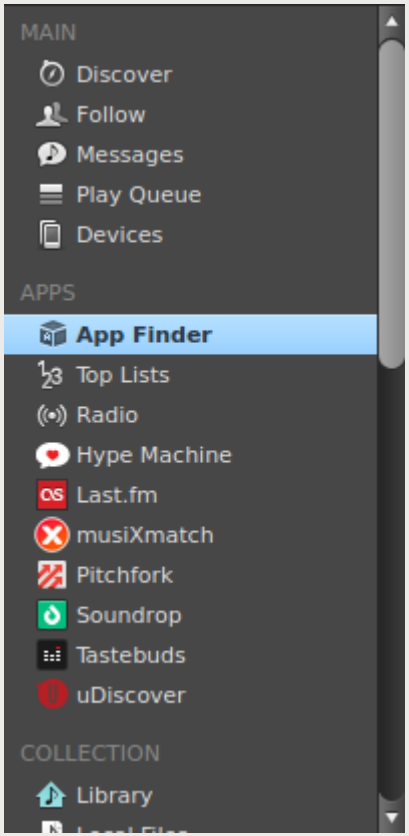
one click to install an app

Spotify

why spotify?



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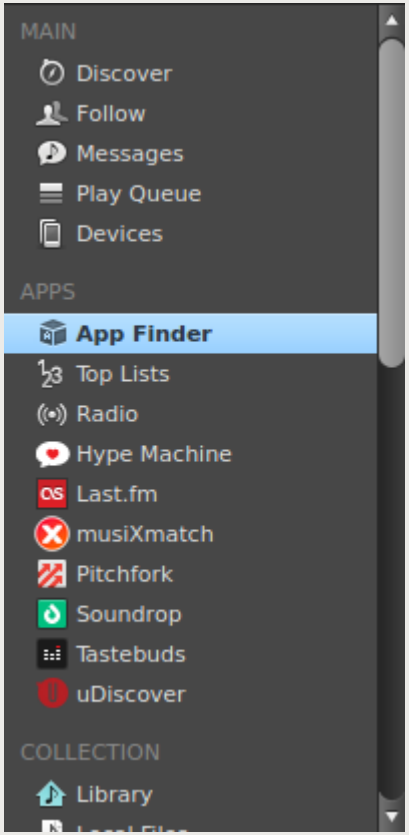
app runs inside spotify desktop client

Spotify

why spotify?



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web development (html, css, javascript)

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Solution

Connects Spotify and RAMA

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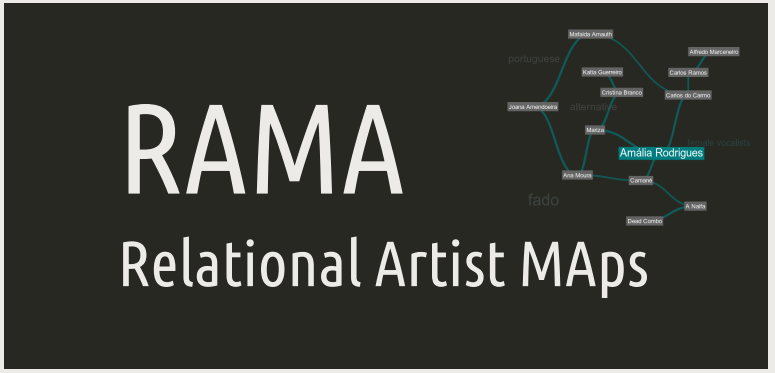
Connects Spotify and RAMA

Spotify®



Through a Spotify App

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Validation

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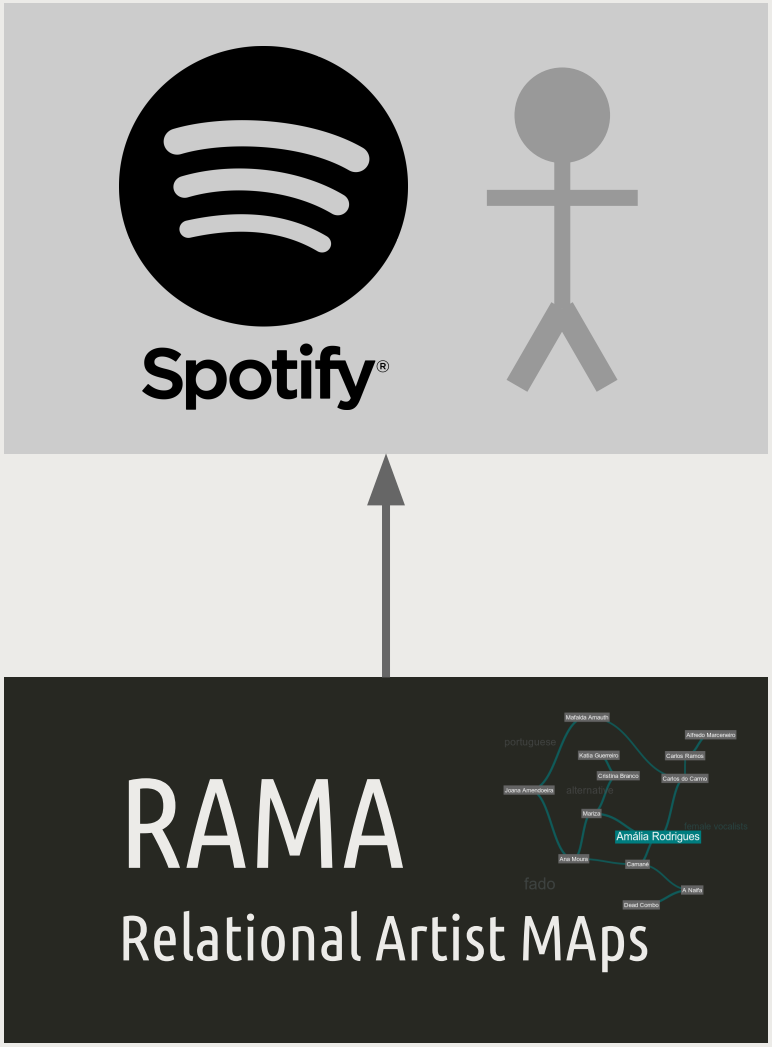
Validation



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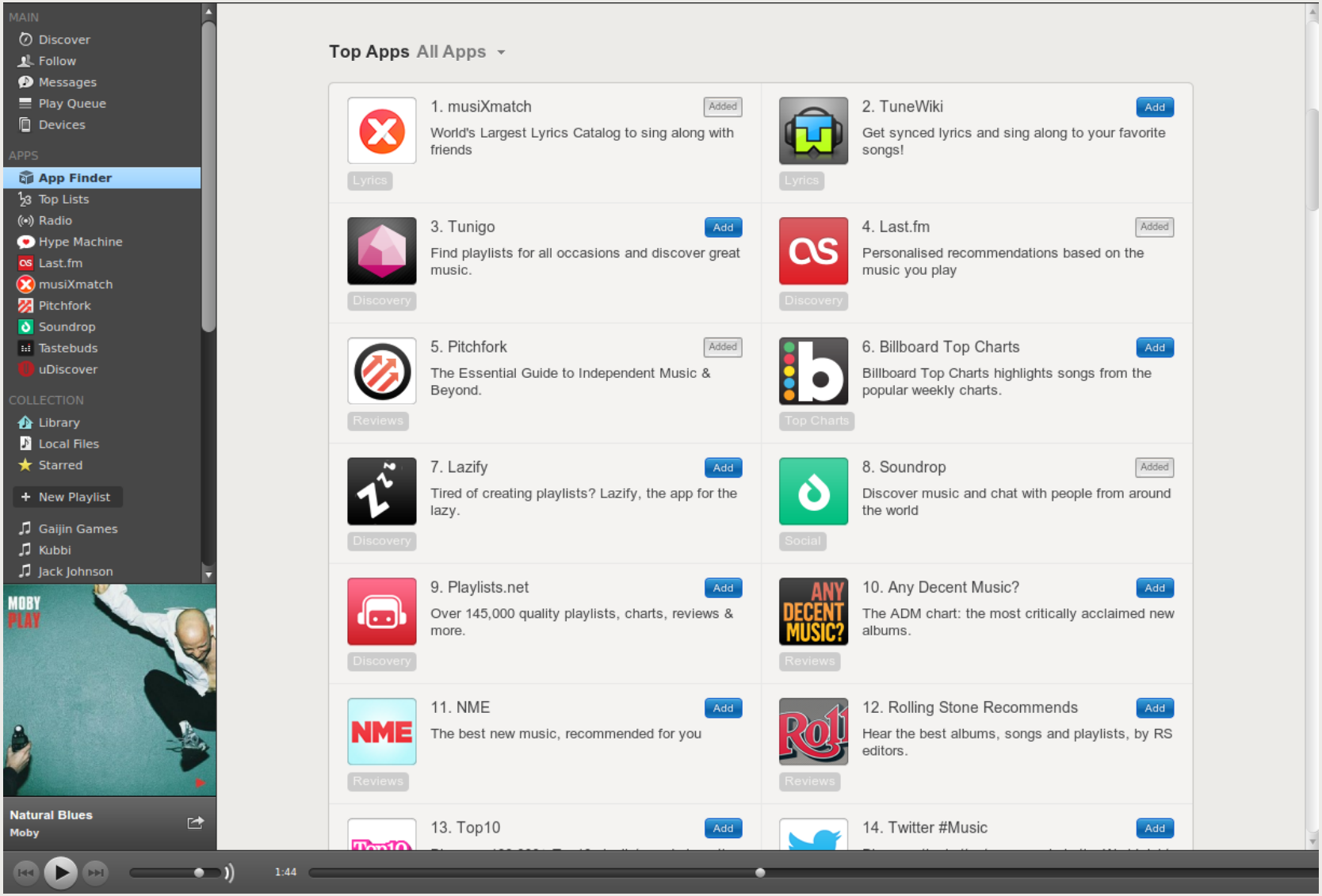
State of the art



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Work Plan

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun

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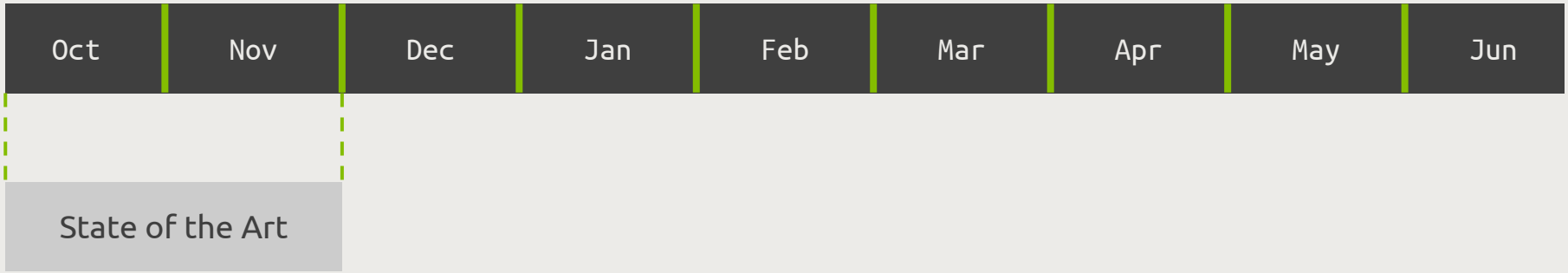
Work Plan



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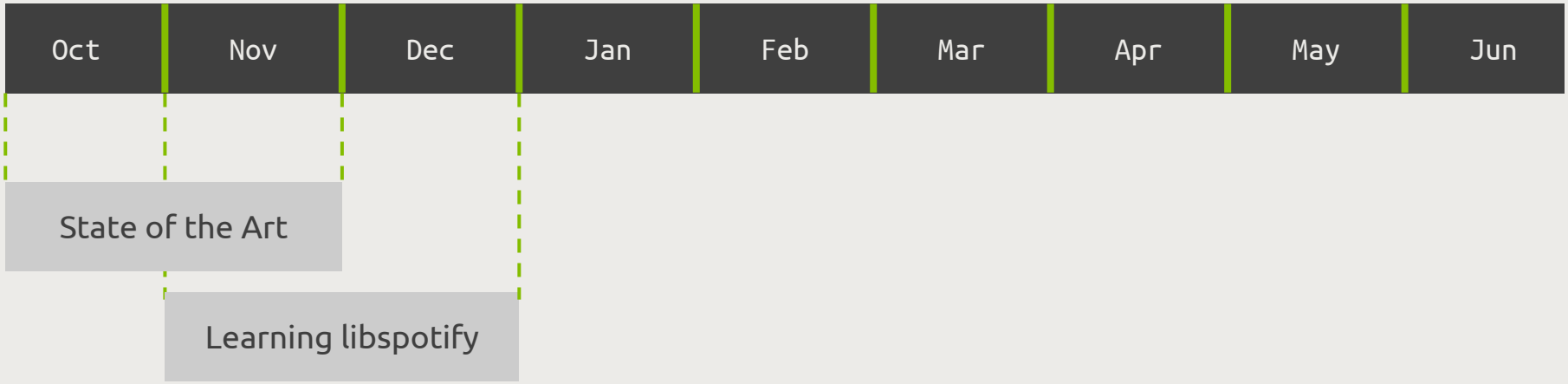

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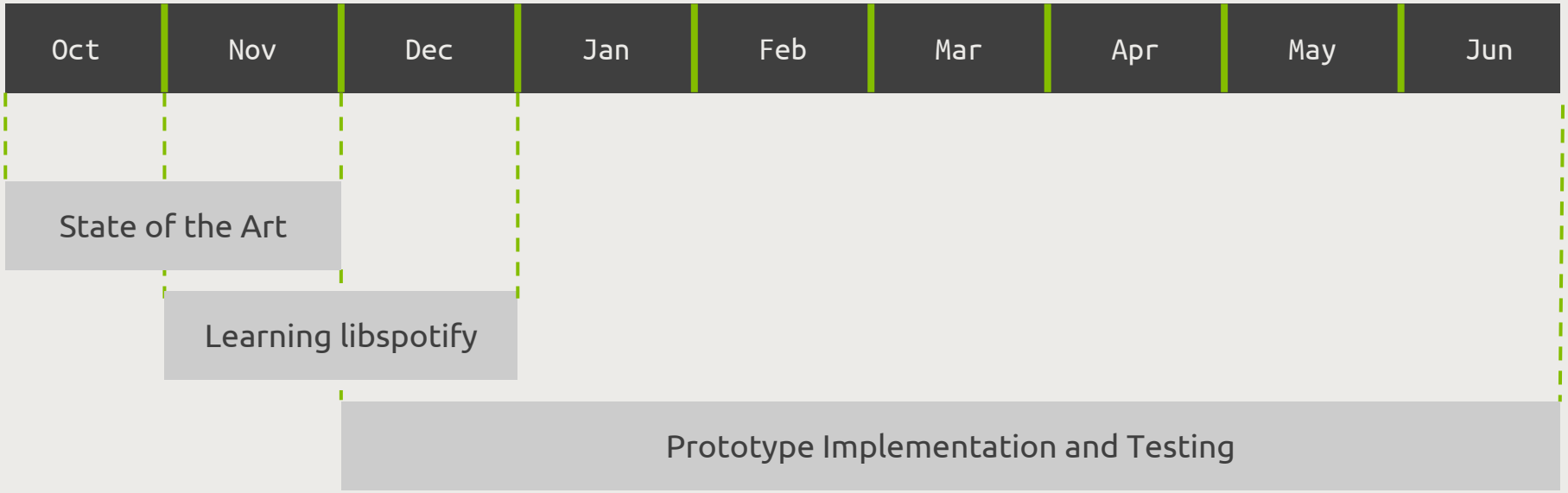

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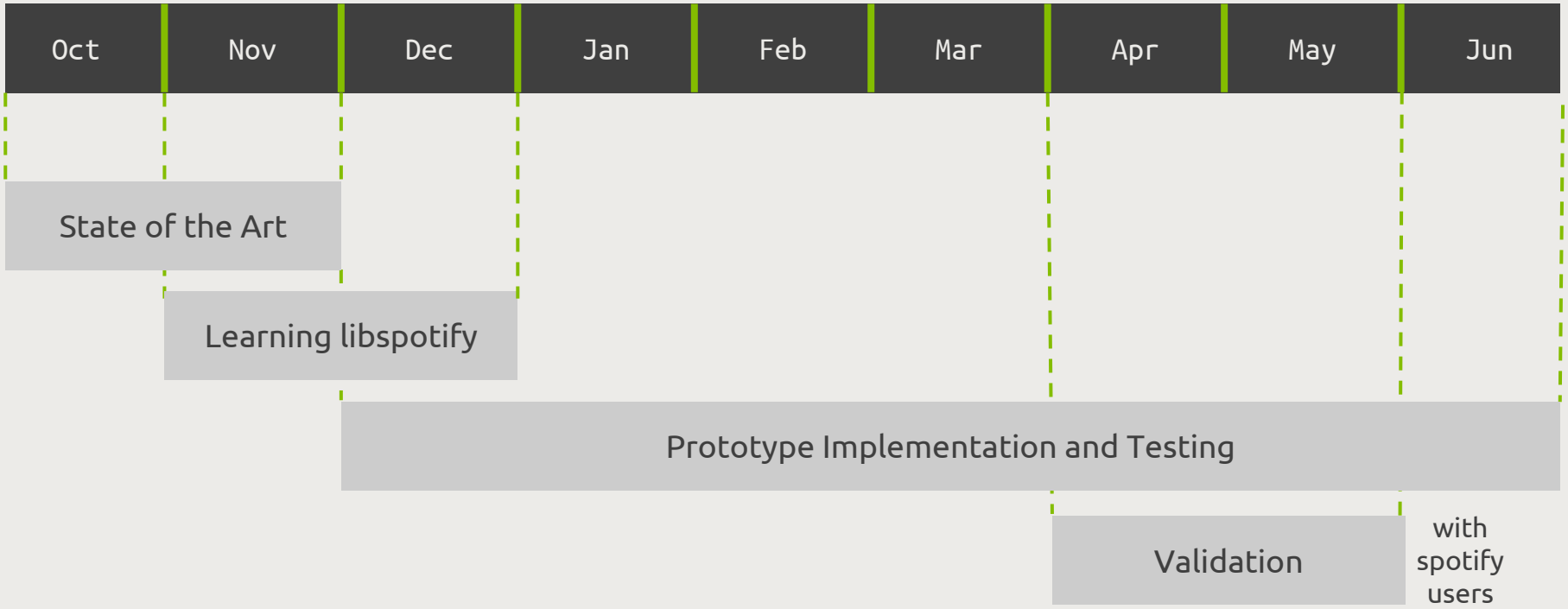

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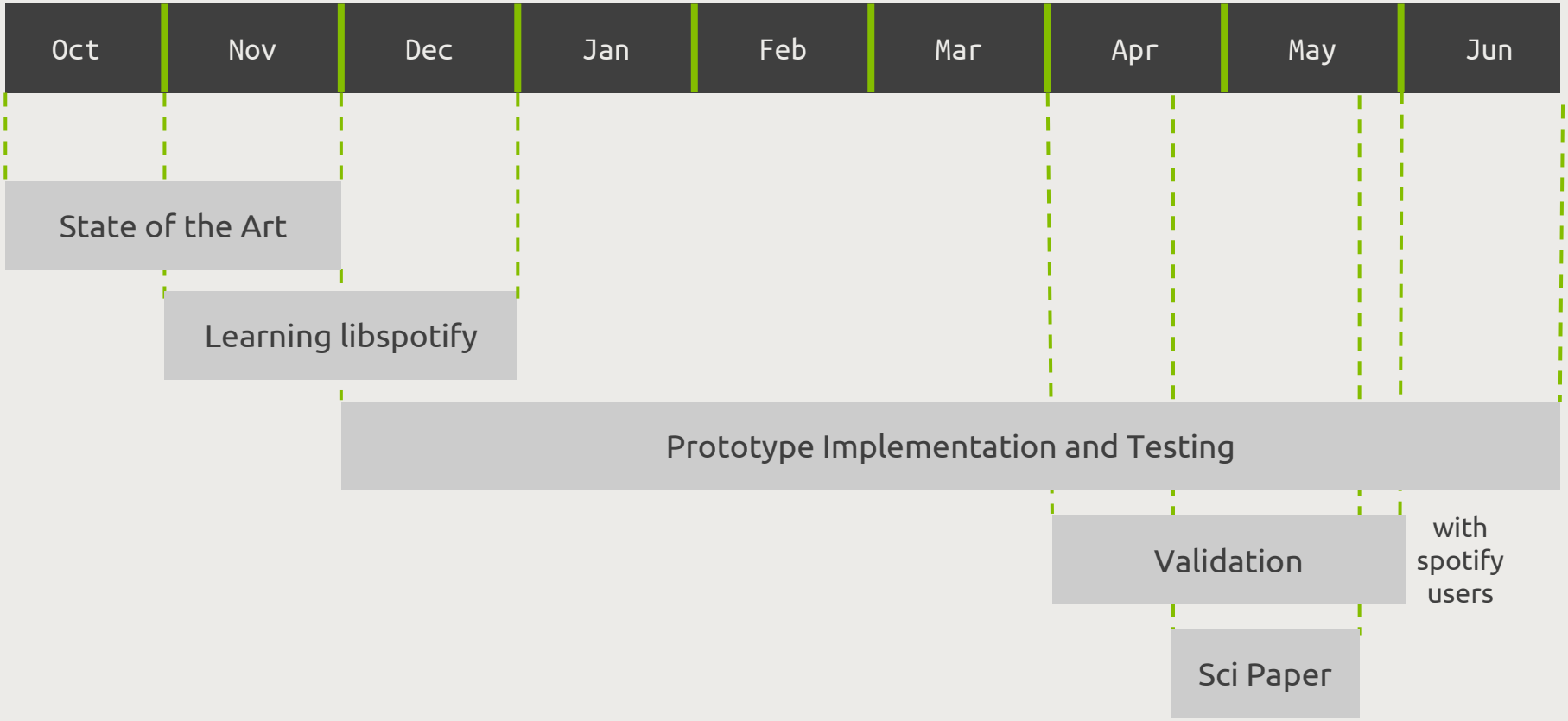

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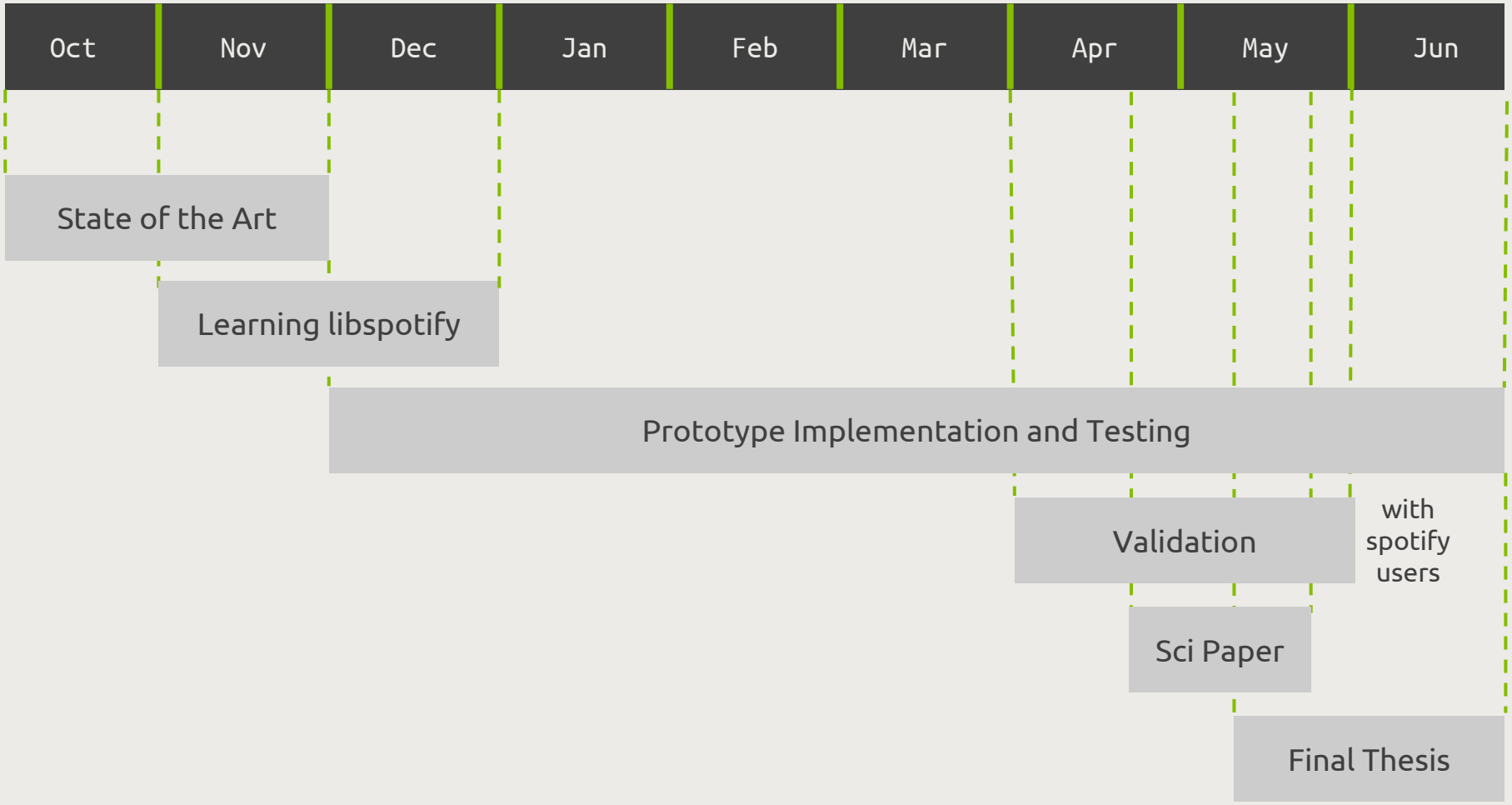

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