

The 90 Minute App

Ext JS 5 Workshop
@ JSDC 2014

About



Stefan Stölzle

Sr. Solutions Engineer, Asia Pacific
Sench, Inc.

✉ stefan@sencha.com

🏠 stefan.stoelzle.me

🐦 [@me_stoe](https://twitter.com/me_stoe)

🐙 [stoe](https://github.com/stoe)

What we'll need



Ext JS 5

<http://www.sencha.com/products/ext>

Sencha CMD 5

<http://www.sencha.com/products/sencha-cmd/download>

IDE or TextEditor

Atom.io, SublimeText3, WebStorm, Eclipse, etc.

Terminal

terminal, iTerm2, cmd.exe, etc.

Web Browser

Safari, Firefox, Google Chrome, etc.

What we'll use



a **Viewport**, using a border layout

- a **DataView** in the center

- a **Container** for the video preview on the right

- a **TreePanel** as country selector on the left

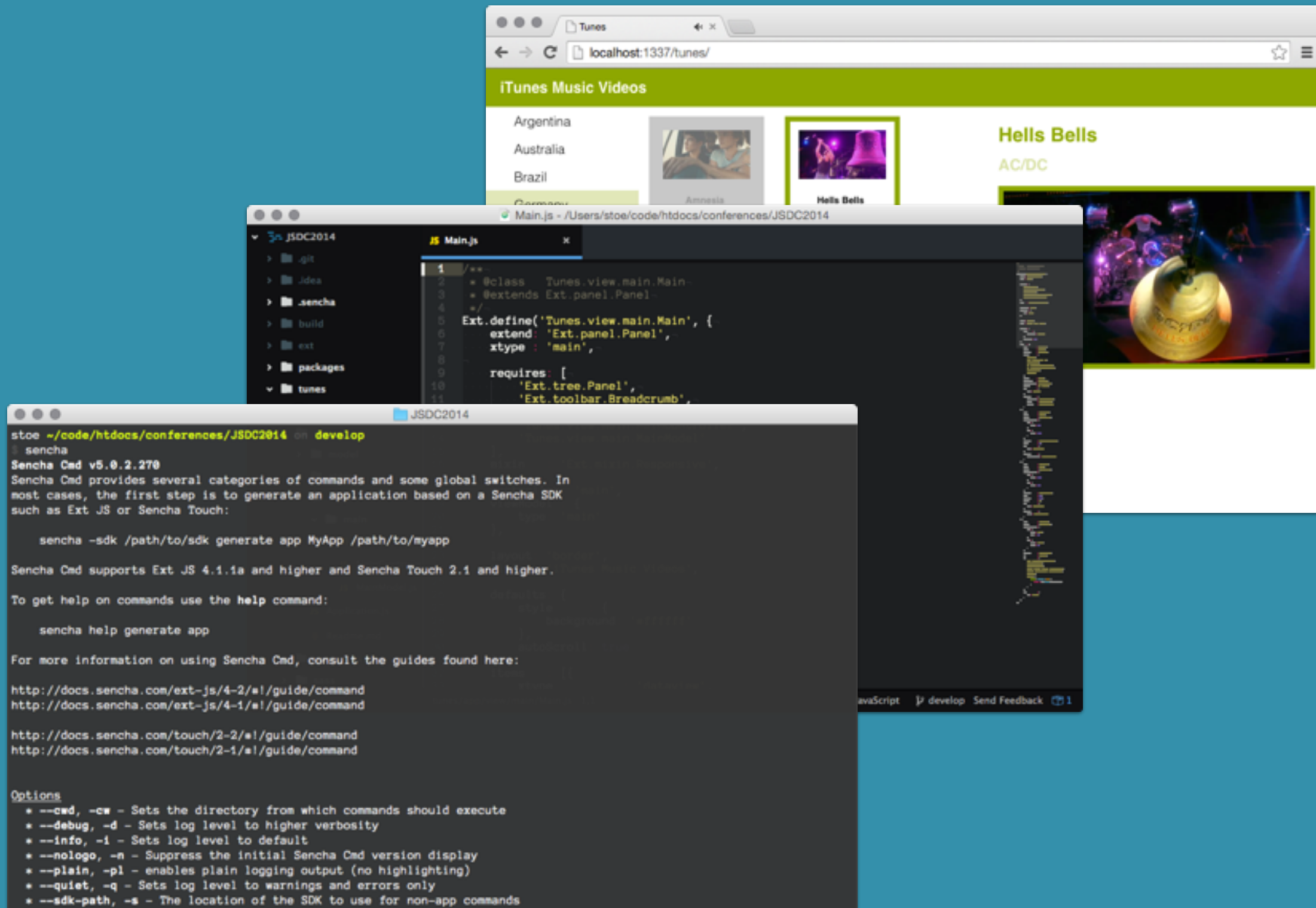
two **Models**

- a **Store**

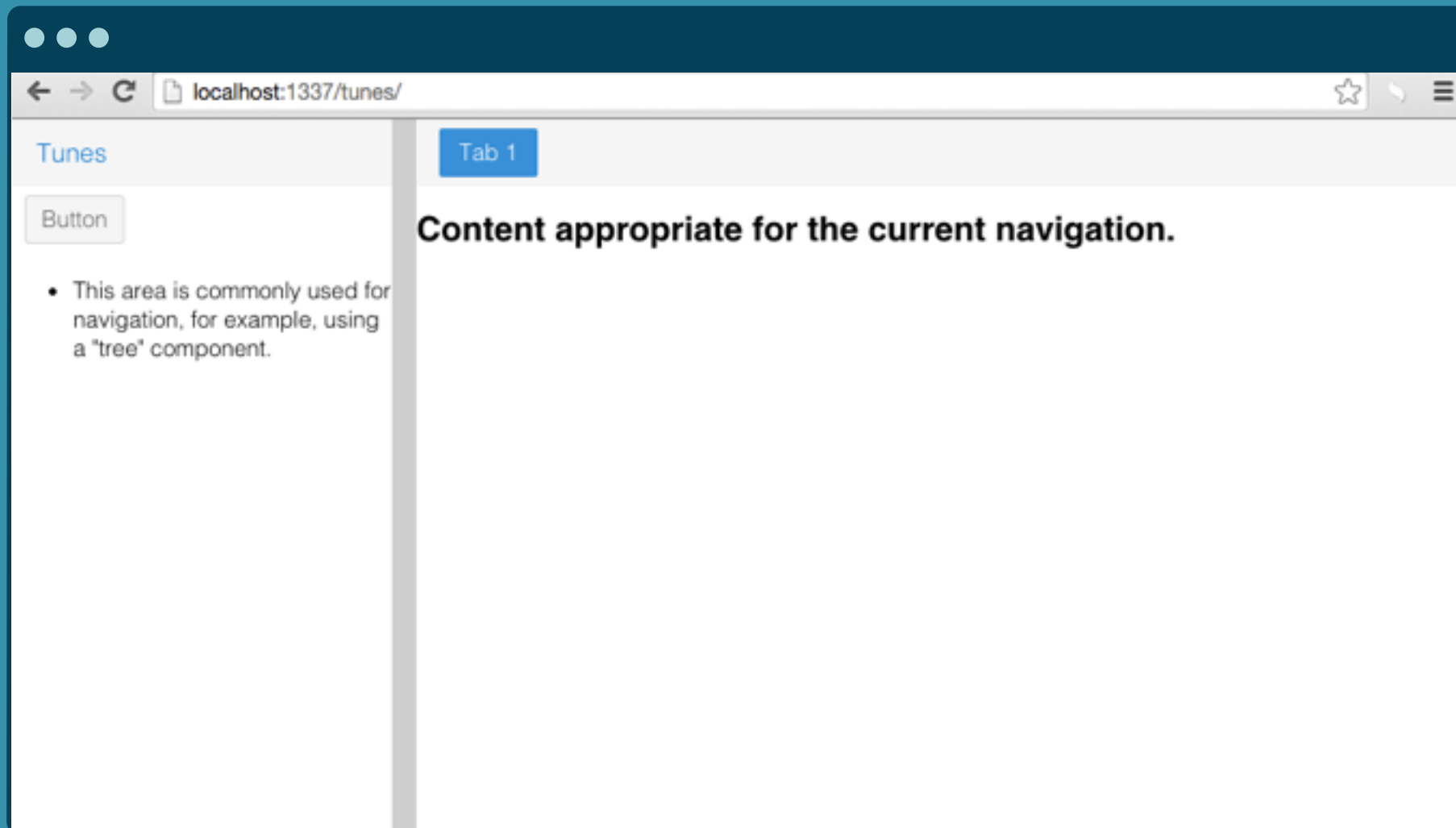
- a **TreeStore**

- a **Controller**

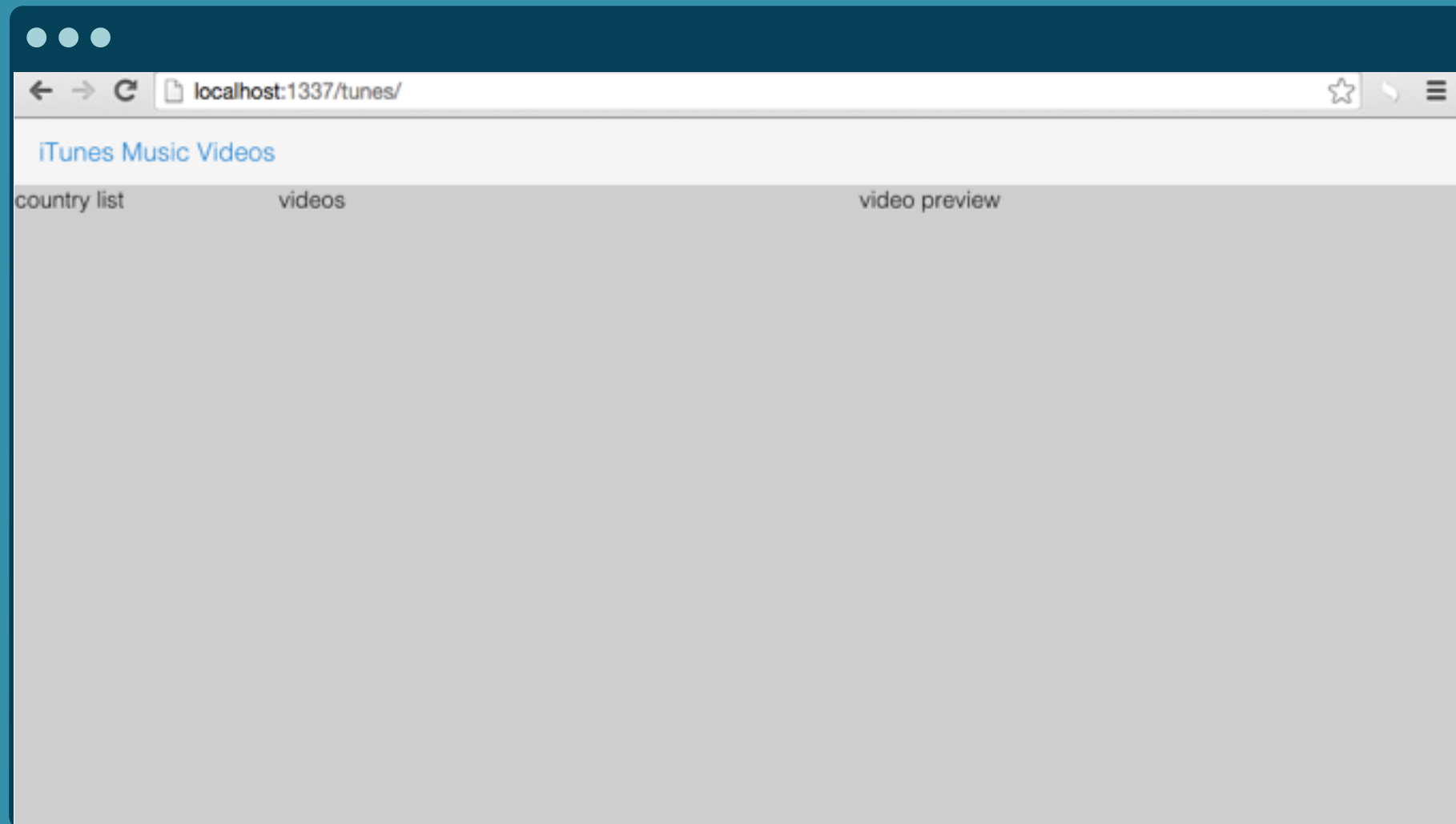
Let's get started...



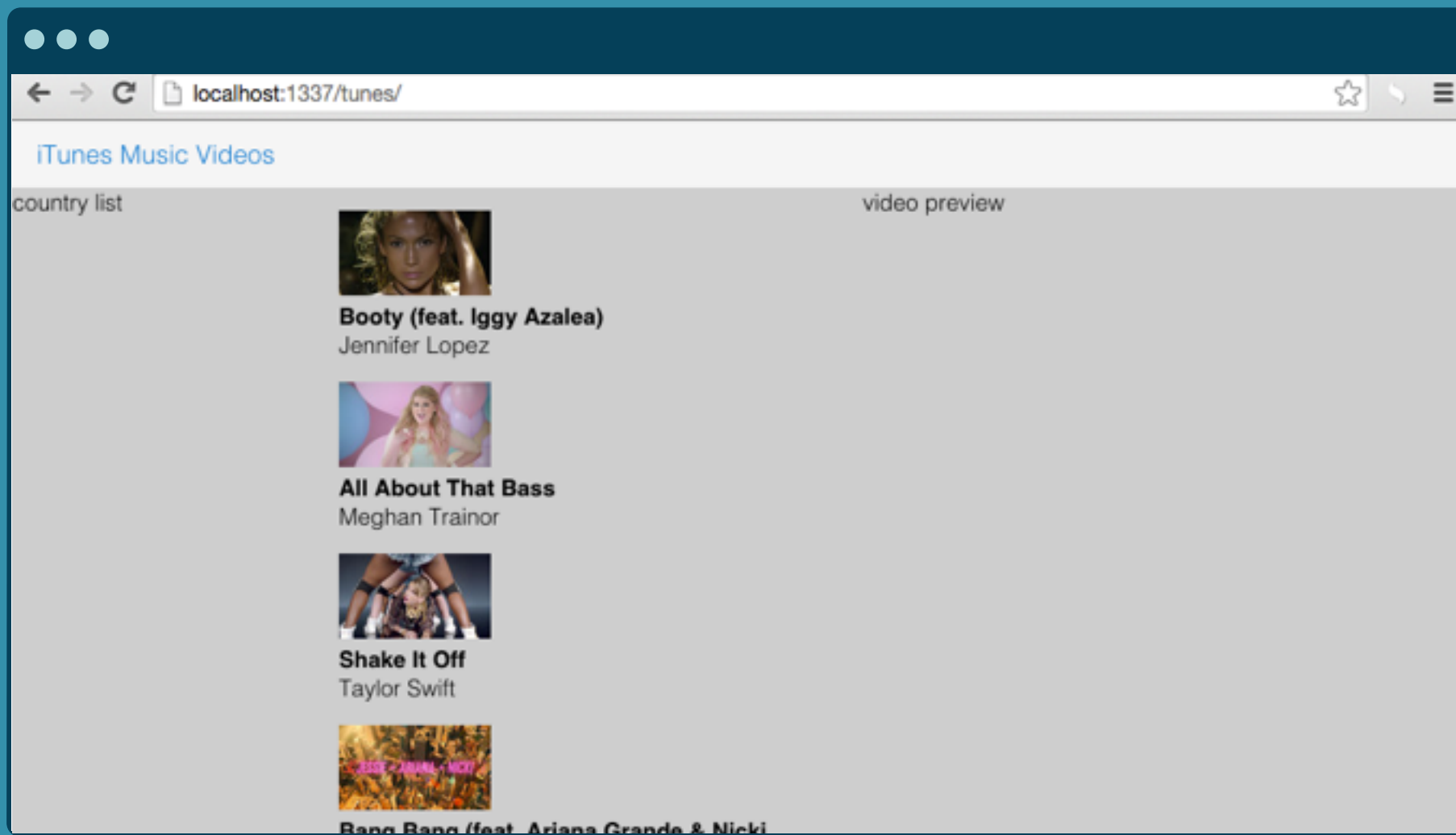
Starter App



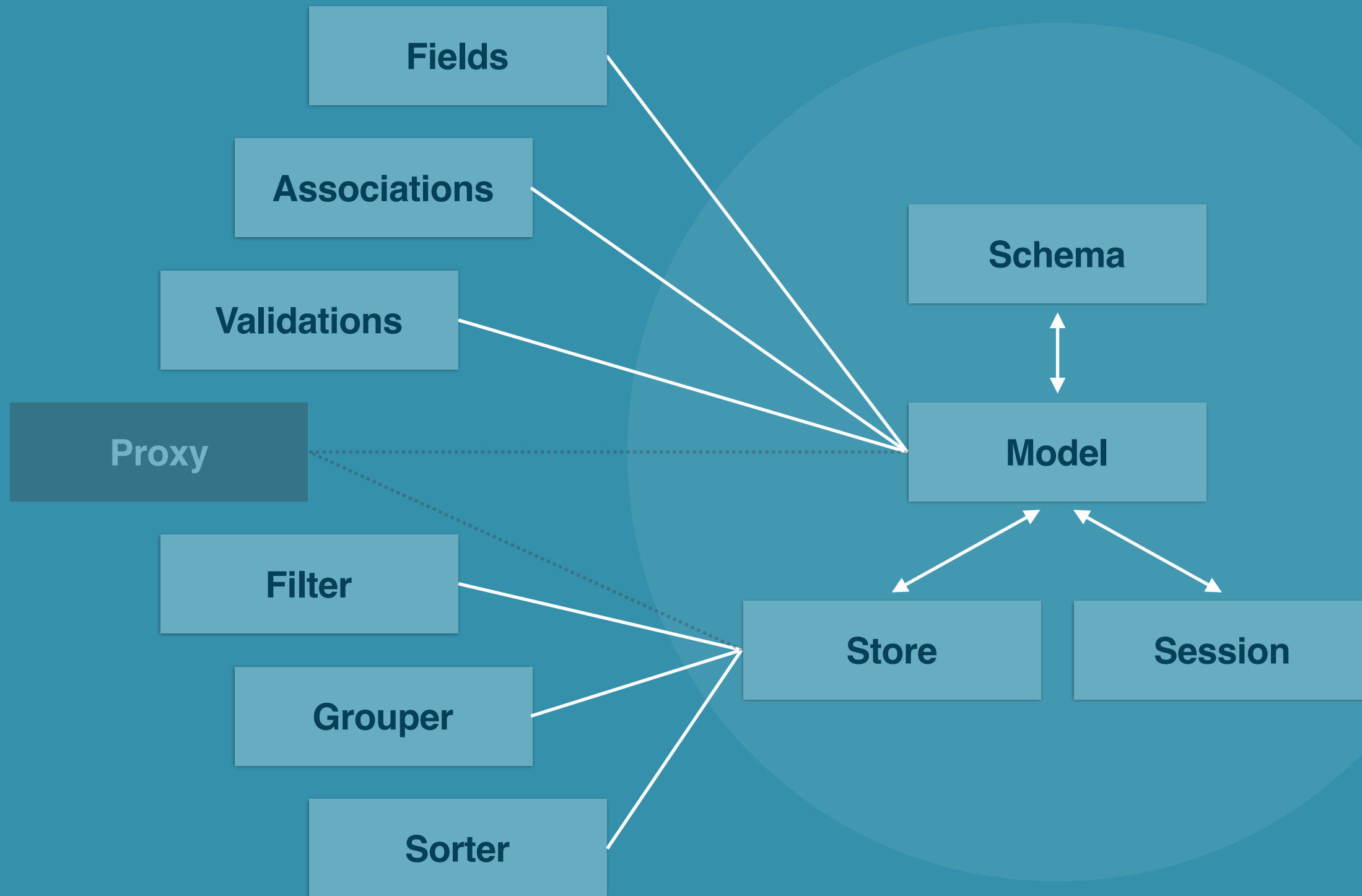
App Layout



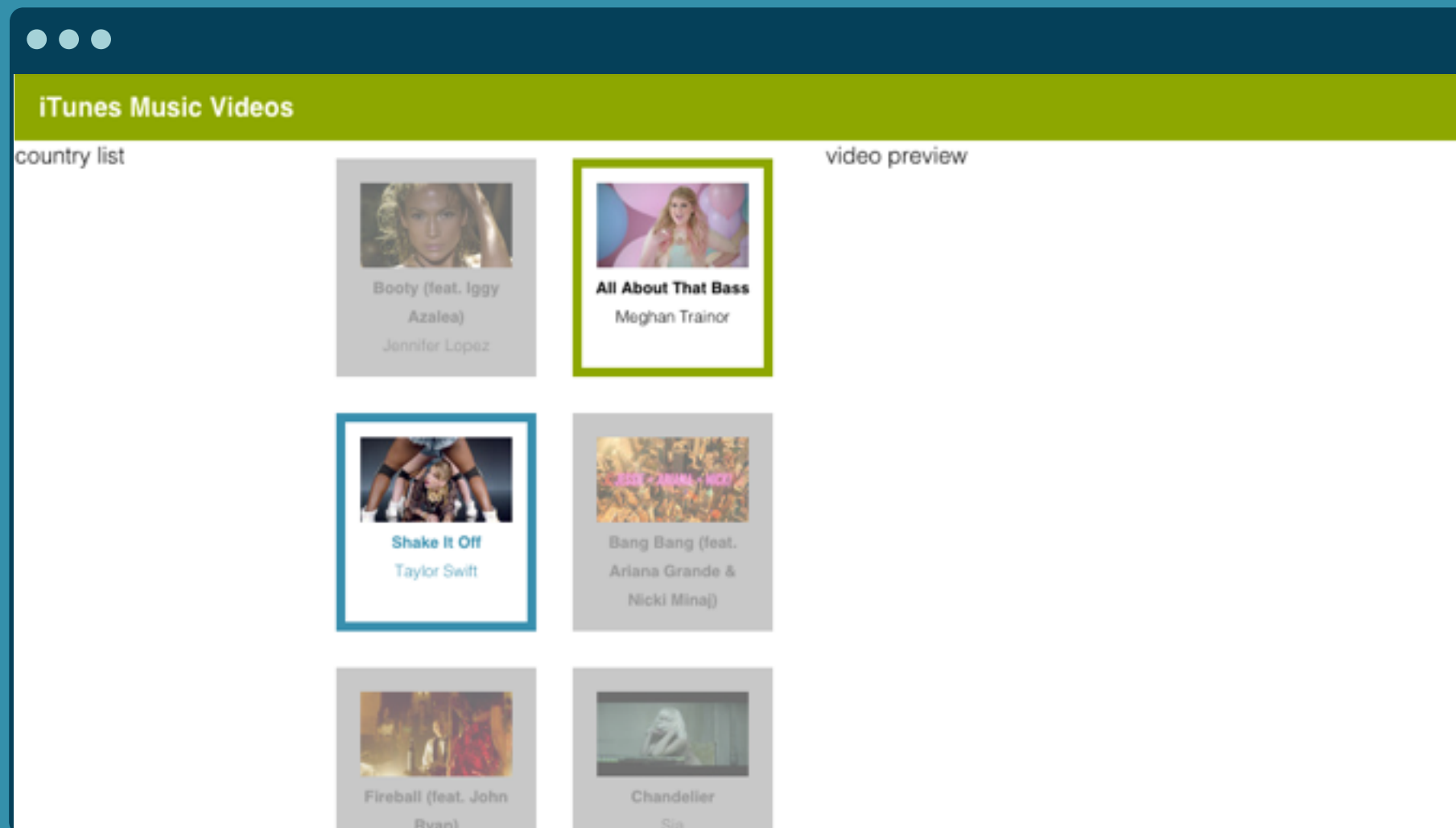
Tunes Model & Store



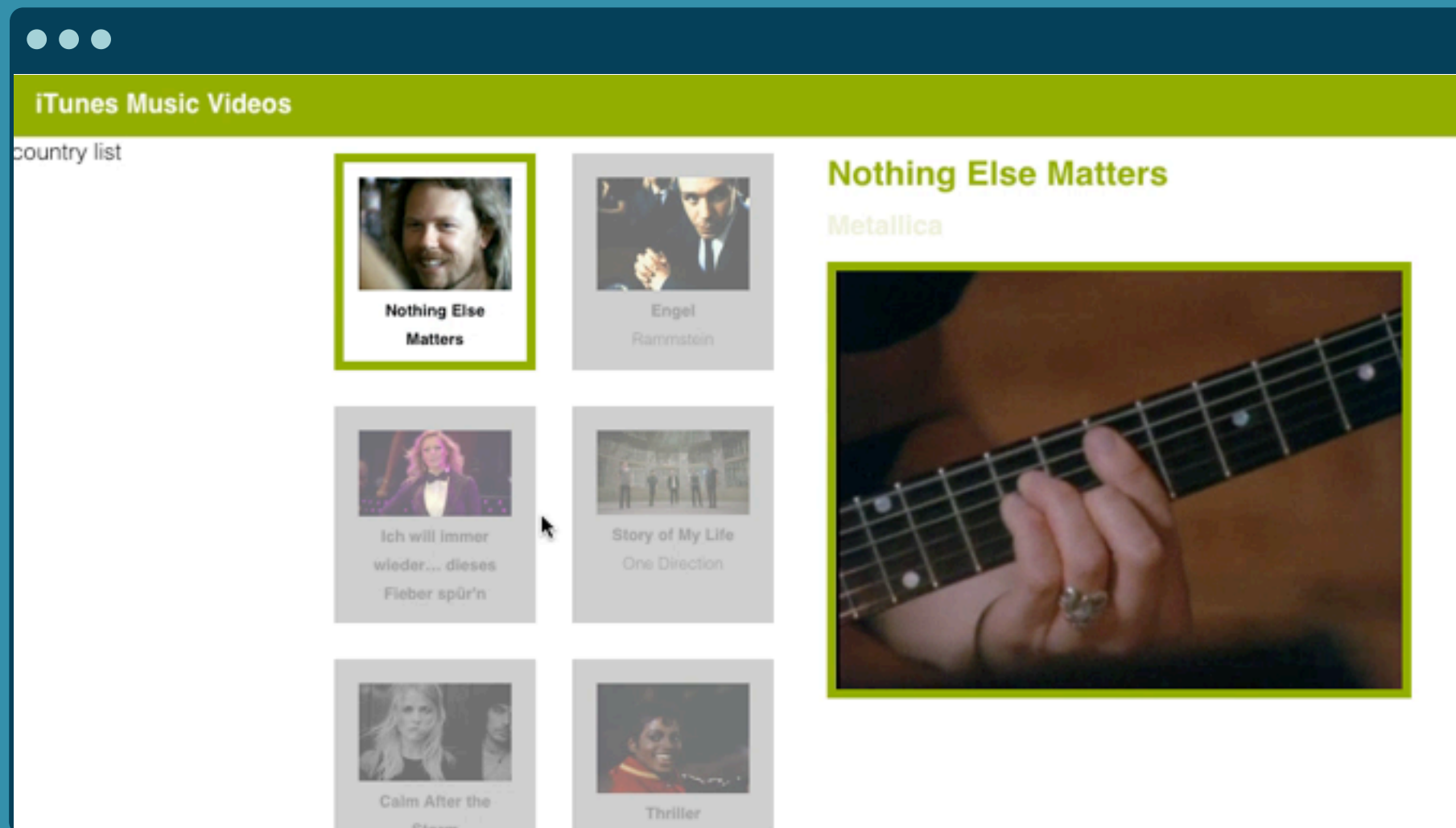
Data Package



Tunes Theming



Video Preview



MVVM

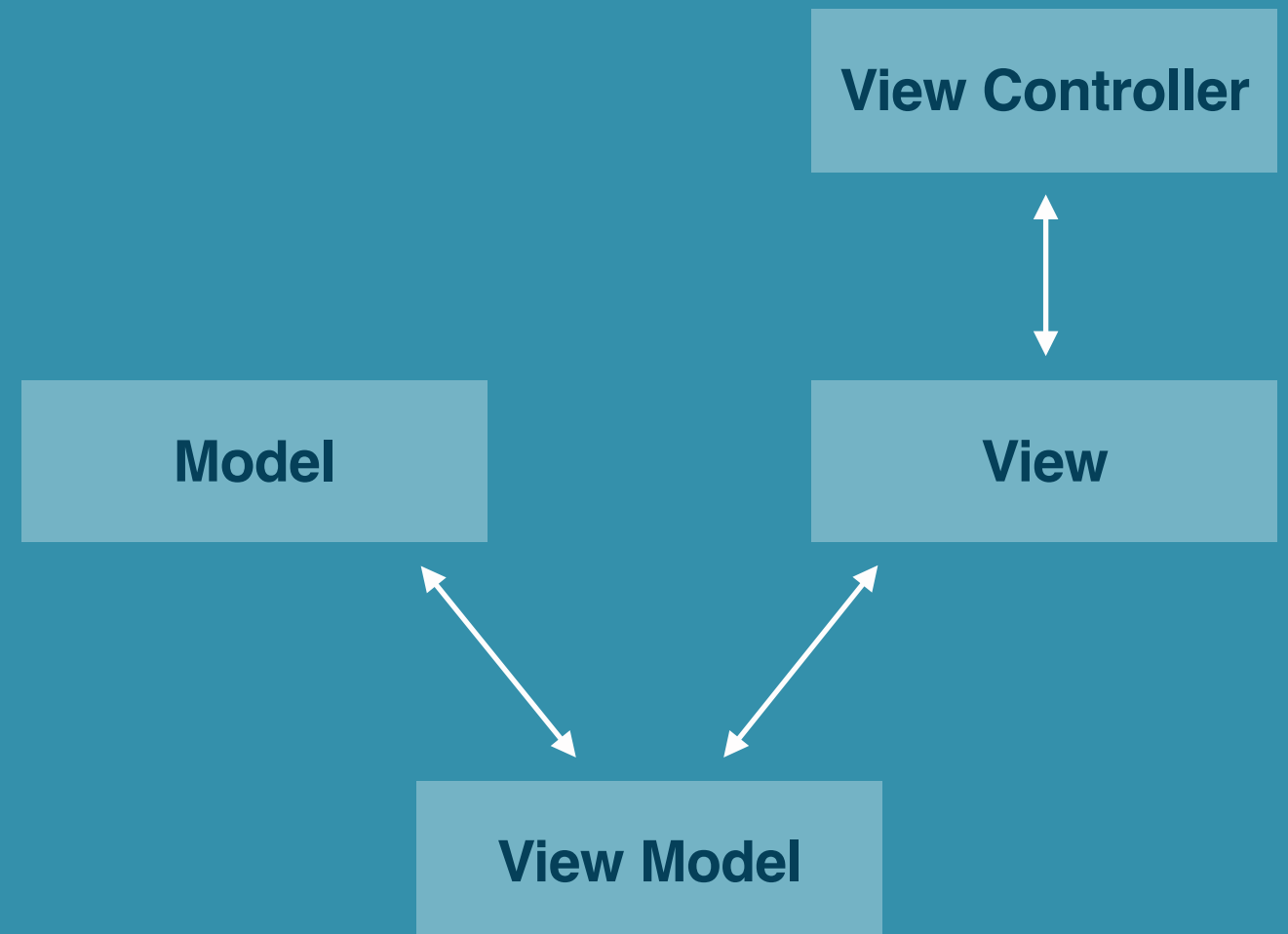


MVVM

Enables two-way data binding

Separation of concerns

More scalable and modular
app development



Two-Way Data Binding

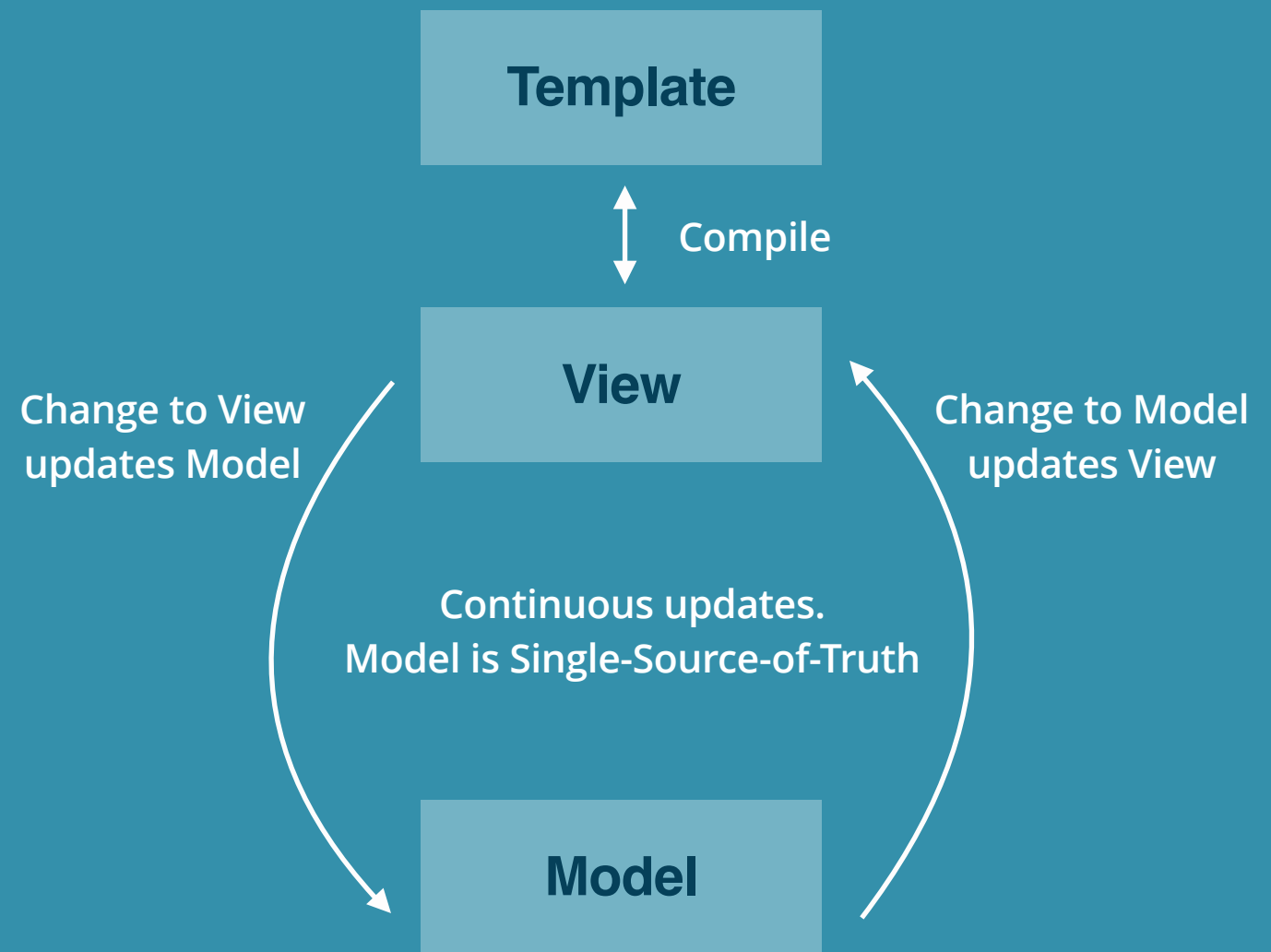


Two-way Data Binding

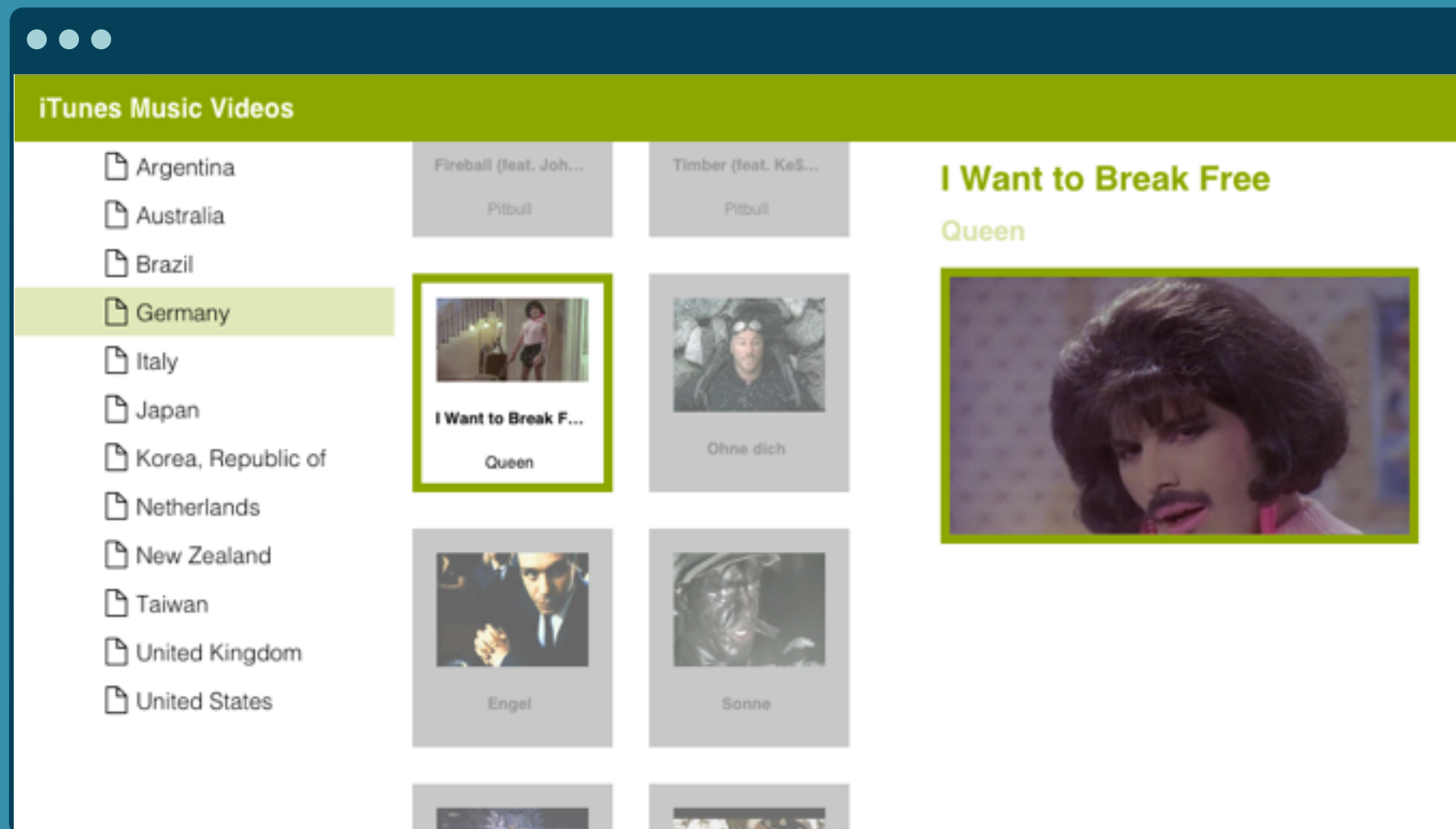
Live synchronisation between Views and Models

Computed values and fields

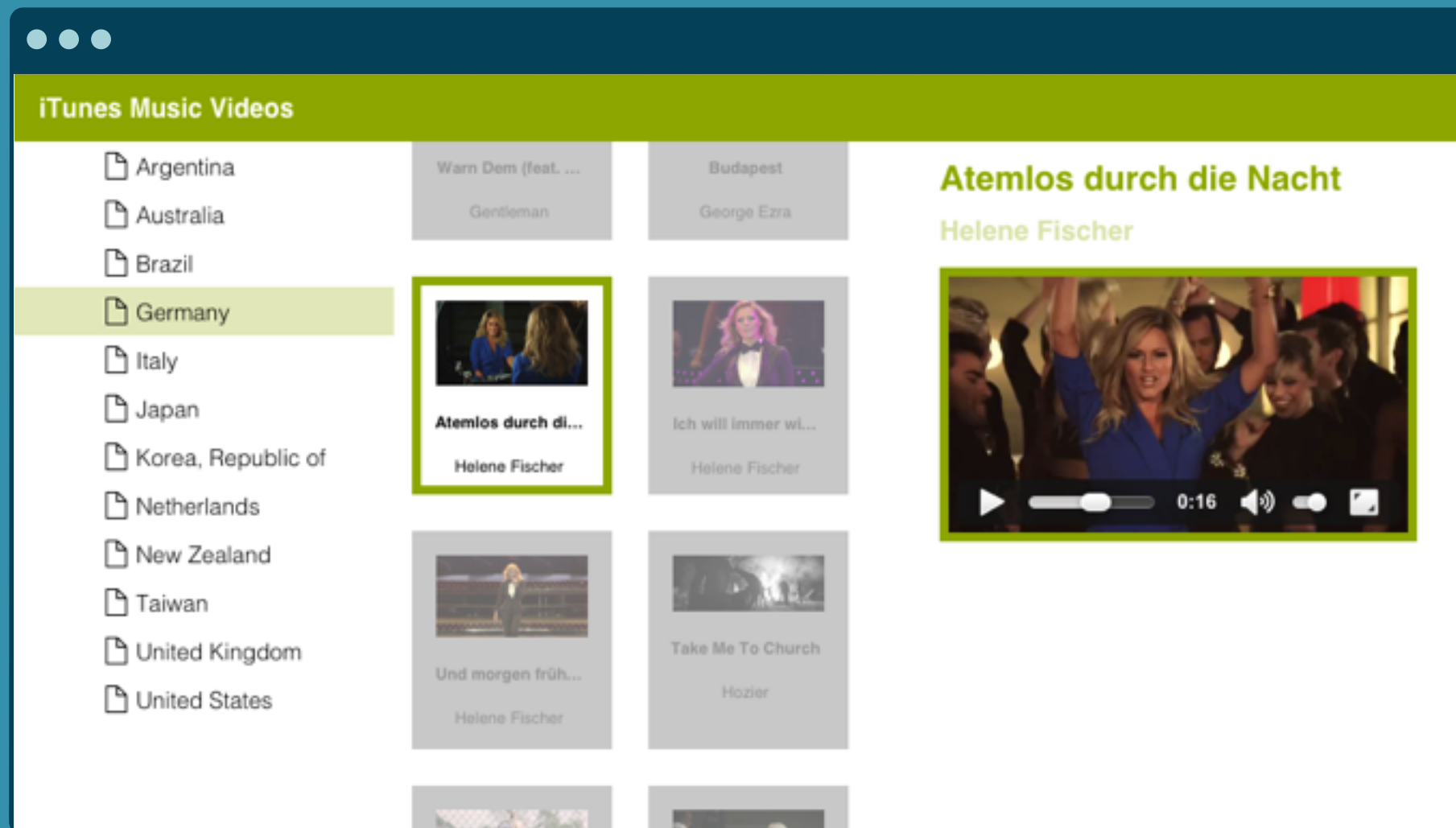
Save time and reduce errors through less custom code



Country Selection



Final App



Q&A

Thank YOU!



Tools

Sencha Cmd



Design

Sencha Architect



Develop

**Sencha Ext JS
Sencha Touch
Sencha GXT**



Deploy

Sencha Space

Professional Services

Training

Technical Support



Support



create amazing apps built on web standards