NEON.js

Neume Editor Online

Gregory Burlet
Music Technology
Schulich School of Music
McGill University

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Outline

Project Overview

Editor Requirements

Implementation Details

Demo

SIMSSA

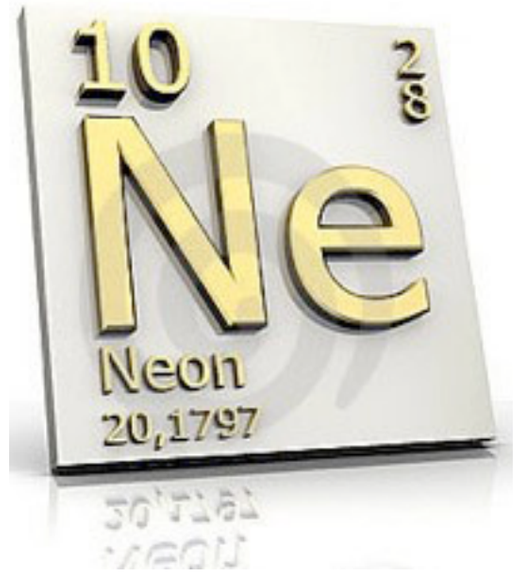
Single Interface for Music Score Searching and Analysis

RODAN

Remote Online Document Analysis Network

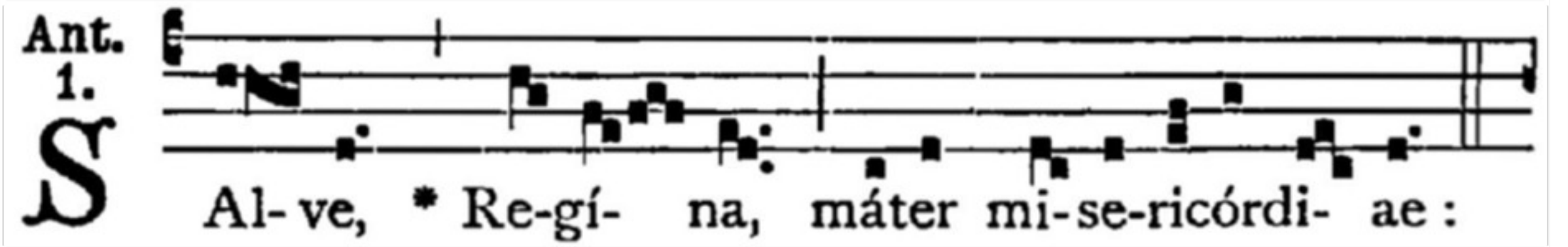
NEON.js

Neume Editor ONline



Neume Notation Editor

A web-based music notation editor for square-note (neume) notation



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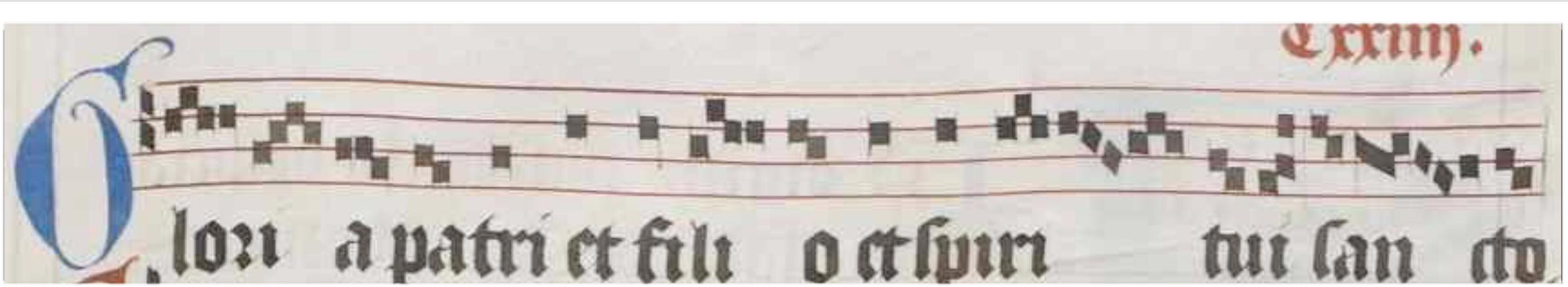
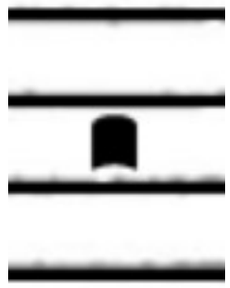


Salzinnes Antiphonal

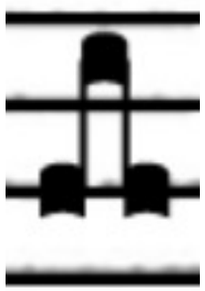
Square-note Notation

This is a neume:

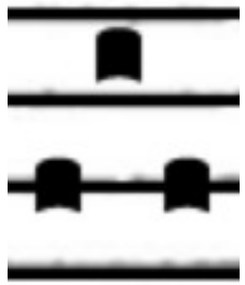


punctum

This is also a neume:



torculus

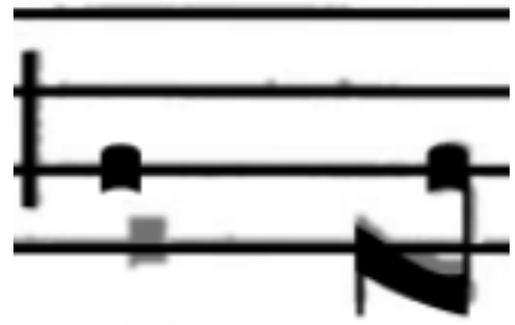


underlying notes

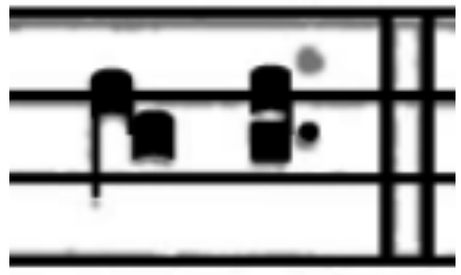
Project Aim

Allow the user to fix Optical Music Recognition (OMR) errors.

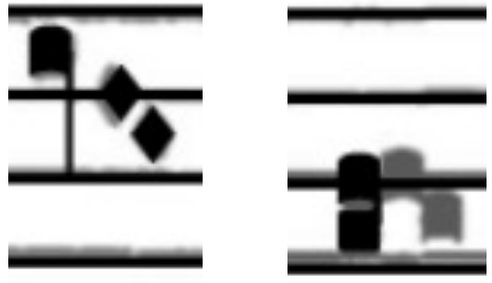
1. Pitch and position errors



2. Ornamentation errors



3. Neume recognition errors



Project Aim

1. Editor can be accessed through a web browser

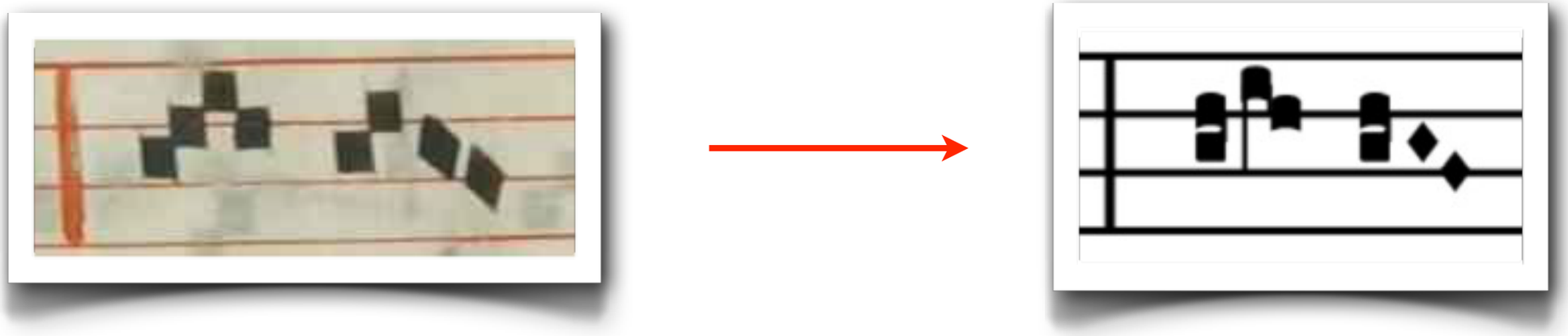
2. Interface that requires minimal musical knowledge to fix OMR errors

3. Edit properties of individual notes within complex neumes

4. Modify underlying symbolic music file: MEI

Software Design

- Pluggable drawing libraries for different manuscripts



Salzinnes Antiphonal

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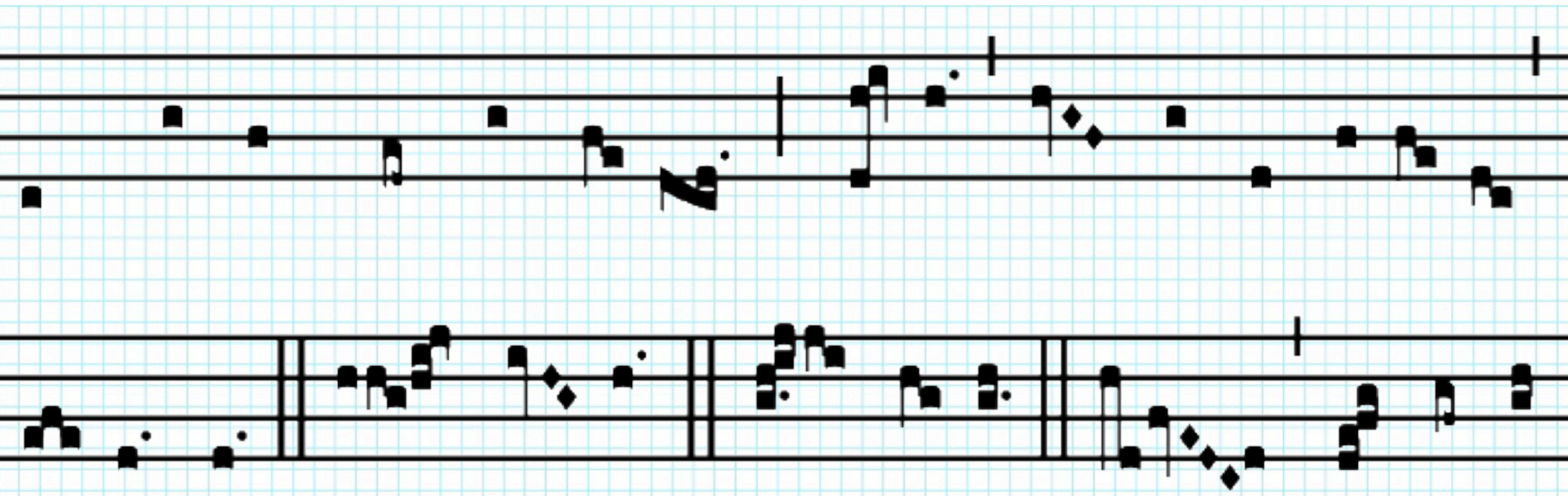
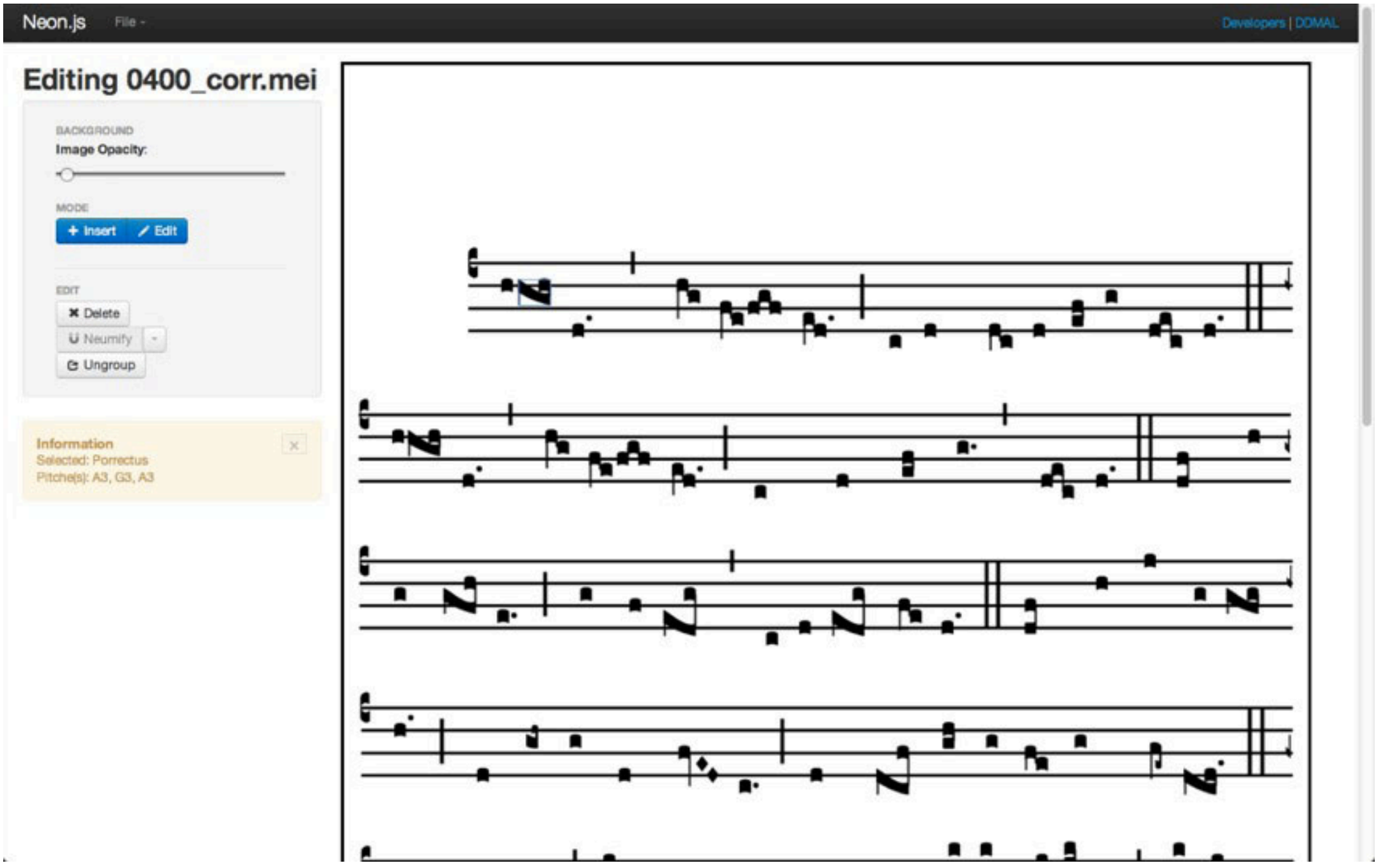
- Client-server architecture

Technical Details

- Drawing in the web browser

  MEI ⟶ HTML canvas and SVG





Neon.js Editor

More Information

Neon.js is developed by:	Project managers:
• Gregory Burlet	• Andrew Hankinson
• Alastair Porter	• Ichiro Fujinaga

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http://ddmal.music.mcgill.ca/neon

Thank you!

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