

NEON.js

Neume Editor Online

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Outline

Project Overview

Editor Requirements

Implementation Details

Demo

SIMSSA

Single Interface for Music Score Searching and Analysis



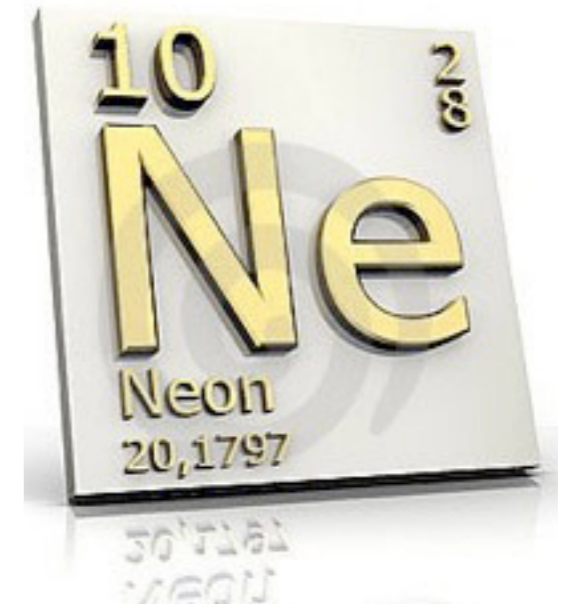
RODAN

Remote Online Document Analysis Network



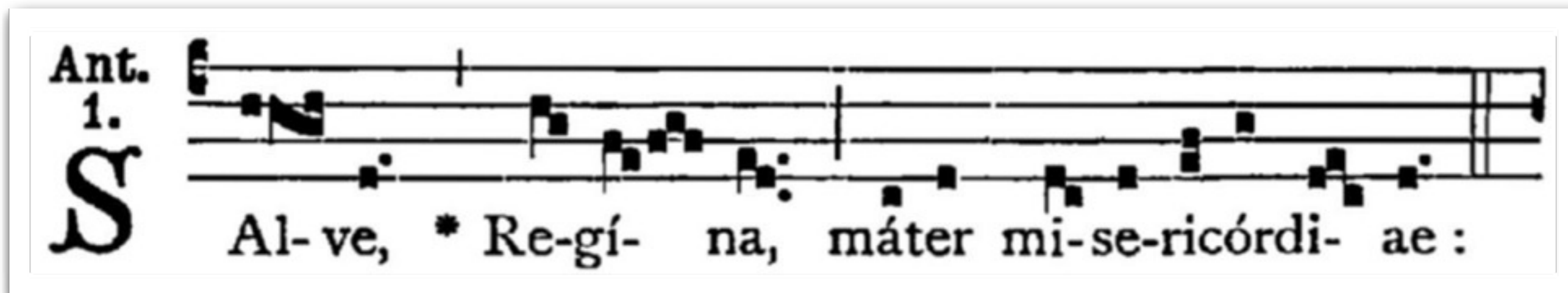
NEON.js

Neume Editor ONline



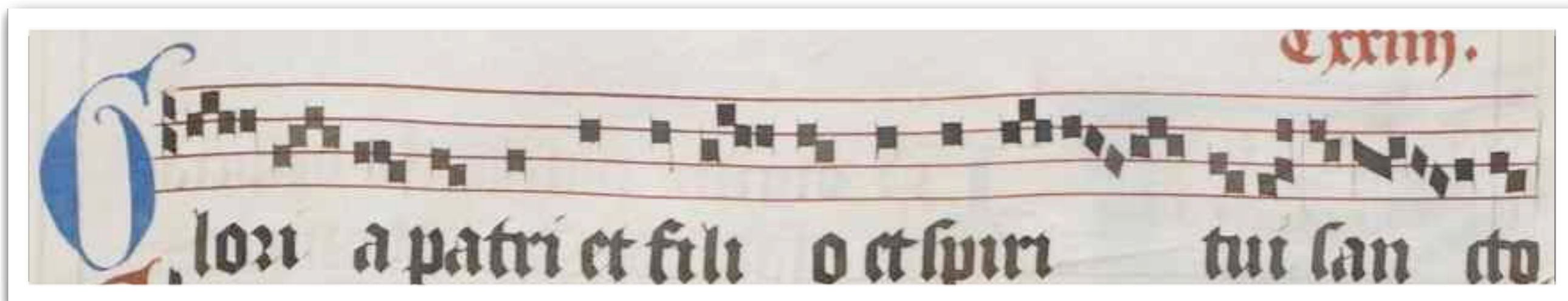
Neume Notation Editor

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



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Liber Usualis



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Salzennes Antiphonal

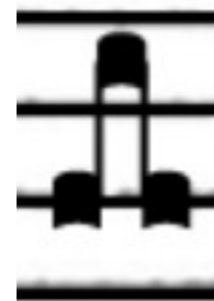
Square-note Notation

This is a neume:

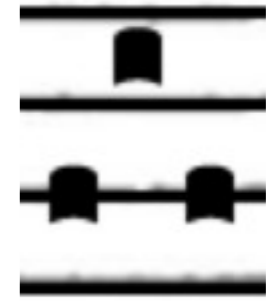


punctum

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

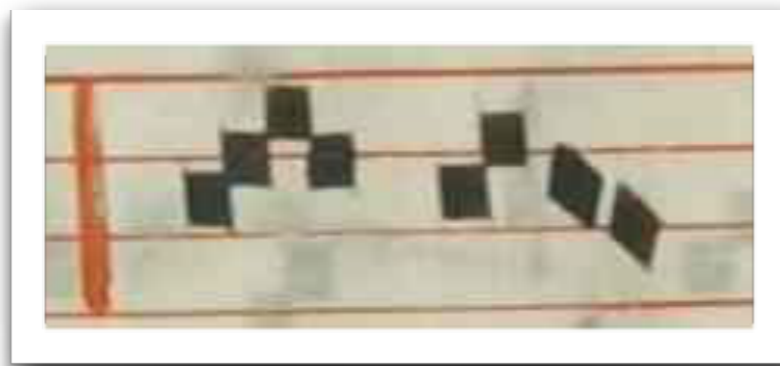


Project Aim

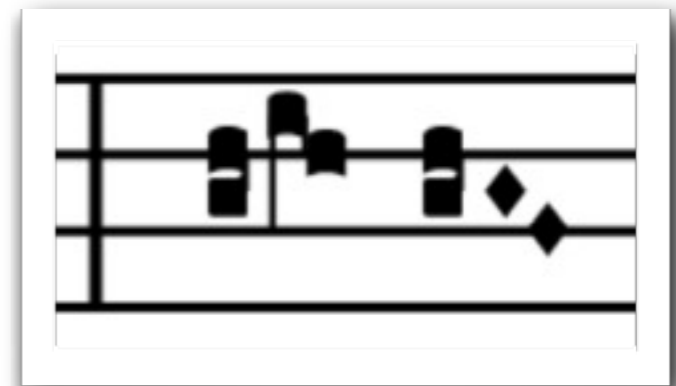
1. Editor can be accessed through a web browser
2. Interface that requires minimal musical knowledge to fix OMR errors
3. Edit properties of individual notes within complex neumes
4. Modify underlying symbolic music file: MEI

Software Design

- Pluggable drawing libraries for different manuscripts



Salzinnes Antiphonal

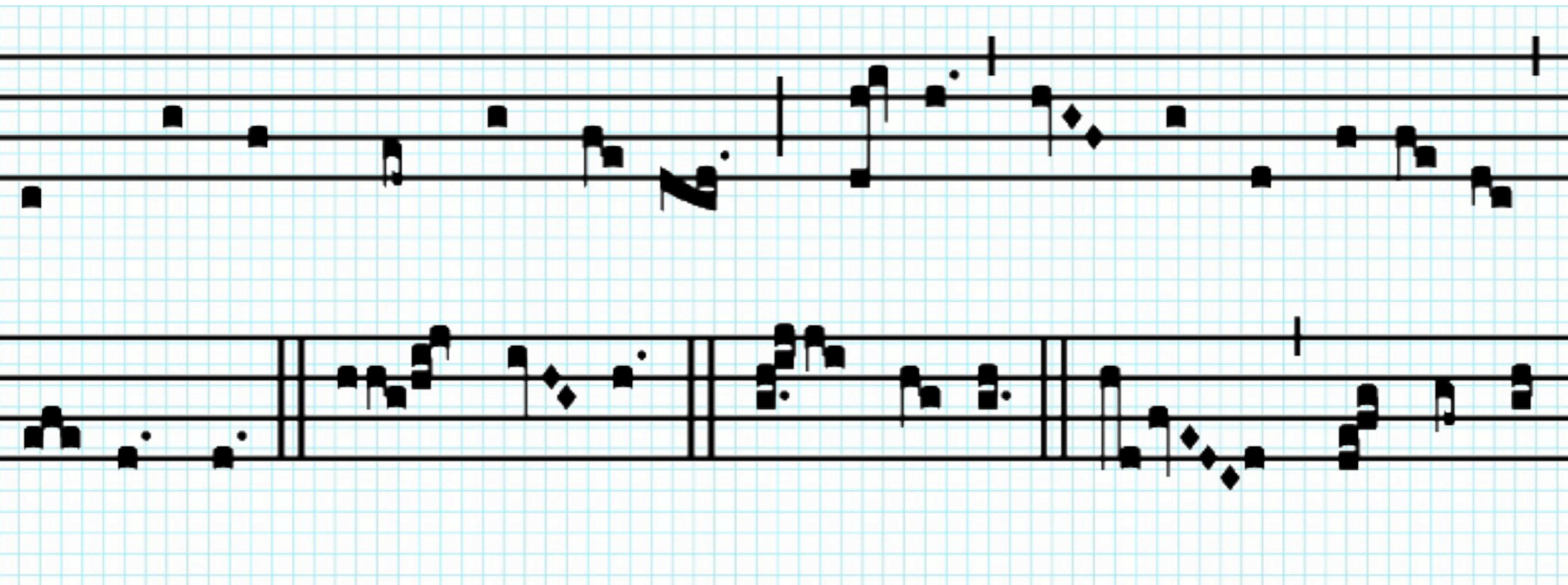


Liber Usualis

- Client-server architecture

Technical Details

- Drawing in the web browser
MEI \longrightarrow HTML canvas and SVG



Editing 0400_corr.mei

BACKGROUND
Image Opacity:

MODE
+ Insert / Edit

EDIT

Information

Selected: Porrectus
 Pitch(es): A3, G3, A3

The image shows a screenshot of a music editor interface. On the left is a sidebar with controls for background opacity, editing modes (Insert, Edit), and editing actions (Delete, Neumify, Ungroup). Below the sidebar is an information box showing the selected element is 'Porrectus' with pitches 'A3, G3, A3'. The main area displays four staves of musical notation. The notation consists of square notes on a five-line staff, with stems and beams. The notes are arranged in a sequence across the staves, representing a musical score.

Neon.js Editor

More Information

Neon.js is developed by:

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- Alastair Porter

Project managers:

- Andrew Hankinson
- Ichiro Fujinaga

Open Source - MIT License

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

Thank you!



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