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

Liber Usualis

Salzinnes Antiphonal
Square-note Notation

This is a neume:

This is also a neume:

- punctum

- 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  HTML canvas and SVG
Neon.js Editor
More Information

Neon.js is developed by:
• Gregory Burlet
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Project managers:
• Andrew Hankinson
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Open Source - MIT License

Thank you!