MuseData

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MuseData | Overview
° Description
° Usage
° Organization
° Example Excerpt

MuseData | Description
° Muse Data is generic ASCII-based code, which is viewable by any text editor, and can be appropriated by a variety of software
° It is designed to represent both musical notation and sound information
° It is optimized for data entry and storage, and not for application software

MuseData | Description
° Representation is not intended to be complete, and all files can be further edited by the user. This provides more flexibility for the use of the files
° Makes print and sound suggestions as separate records that can be ignored by the application software
MuseData | Usage

° The code is currently being used in “full-text” databases for several composers

° Databases are intended to be used for the printing of scores, musical analysis, and the production of audio files

° For the purpose of data interchange, MuseData writes its own translation programs for a variety of formats. Its primary use is with MIDI for sound output, SCORE for printing musical scores, and Kern for musical analysis.

° Interchange with SCORE and Kern results in almost no data loss, but MIDI has a tendency to filter data out, or to distort—particularly with rests, grace notes, and unisons between parts

MuseData | Organization

° Files are part-oriented: each individual part (voice or instrument) has its own file

° Movements are typically divided into several files and collected in a specific directory

° Data records are organized in 80-column rows

° The first character in each record uses a control key to identify the record type

° There are 23 record control keys
Rest

Note G
Note F
Note E
Note D
Note C
Note B
Note A

// End of music, or End of file
/

Figured harmony
Invisible rest
Backspace in time
Grace note
Cue note
Extra note in a chord

Bar (measure) line

° Regular Note Records
- Columns 1-9: pitch/rest identification (1-5) and duration information (6-9)
- Columns 10-12: always left blank
- Columns 13-80: interpretation and graphic (printing) information

$ Musical attribute
* Musical directions
a Append to previous file
& Comment mode toggle switch
@ Single line comment
P Print suggestions
S Sound suggestions