

## Musical Data on the CCARH Data Test Set #1 (September 2003)

This CD-ROM musical-data sampler includes *MuseData* Encodings of 53 classical works (69 movements) ranging in length and complexity from keyboard preludes to a complete symphony. MIDI files for the same works are also included on the CD.

### Contents

Vocal/choral/instrumental (one multi-movement work):

1. J. S. Bach: Cantata No. 1, *Wie schön leuchtet der Morgenstern*
  - a. Data formats: *MuseData* (Stage 2), MIDI 1 (quantized)
  - b. Movements: 6 (Chorus-Recitative-Aria-Recitative-Aria-Chorus)
  - c. No. of parts (maximum) per movement: 15 (2 Horns, Oboes da caccia 1 and 2, Concertante Violins 1 and 2, Ripieno Violins 1 and 2, Viola, S,A,T,B, Violoncello, Basso continuo)

Keyboard:

2. J. S. Bach: *Well-Tempered Clavier*, Book I (24 preludes, 24 fugues)
  - a. Works: Prelude and Fugue in C Major, Prelude and Fugue in C Minor, Prelude and Fugue in C# Major, Prelude and Fugue in C# Minor
  - b. Data formats: *MuseData* (Stage 2), MIDI 1 (quantized)
  - c. Movements: 2 per title (one prelude, one fugue)
  - d. Parts per movement: variable (depends on texture and voice-leading of work), since individual voices (fluctuating in number) of the keyboard score are represented

Full orchestral (one multi-movement work):

3. L. van Beethoven: Symphony No. 5 in C Minor
  - a. Data formats: *MuseData* (Stage 2), MIDI 1 (quantized)
  - b. Movements: 4
  - c. Maximum number of parts per movement: 23

String ensemble (two multi-movement works):

4. A. Corelli: *Sonate a tre* (trio sonatas) in F Major, Op. 1, Nos. 1 and 2
  - a. Data formats: *MuseData* (Stage 2), MIDI 1 (quantized)
  - b. Movements: 4 each (slow-fast-slow-fast)
  - c. Parts per movement: 4 (Violins 1 and 2, Violone (approx. = double bass), Basso continuo)

String orchestral (one multi-movement work):

5. A. Vivaldi: Concerto in Eb Major, Op. 8, No. 5 (“La Tempesta di Mare”/“The Sea Tempest”)
  - a. Data formats: *MuseData* (Stage 2), MIDI 1 (quantized)
  - b. Movements: 3 (fast-slow-fast)
  - c. Parts per movement: 5 (Violino Principale, Violins 1 and 2, Viola, Basso continuo)

## Release Notes (September 2003)

For MIDI assignments, see the *mchan\** files in the *MuseData* folder. We have found that not all synthesizers interpret timing commands uniformly. If the oboe cadenza in Beethoven's Fifth Symphony seems to be shifted off the beat, try other playback software (if we fix that passage for your software, it will be off the beat in someone else's).

All data is encoded in low-order ASCII characters. The file names have no extensions. They should be openable with most text editors.

The *MuseData* format is documented by Walter B. Hewlett in *Beyond MIDI*, ed. E. Selfridge-Field (MIT Press, 1997) with substantial portions on the internet at <http://www.ccarh.org/publications/books/beyondmidi/online/musedata/>

Data files in *MuseData* and derivative formats are posted on the internet at <http://www.musedata.org>. Metadata for encoded works can also be found at this site. CD-ROM distribution insures data integrity, and CCARH recommends it over web downloads for applications development.

The data is for academic use only. See the license agreement at <http://www.musedata.org/legal/lcr.html>.

Those requiring greater volumes of data have two choices: they may download it file-by-file from [www.musedata.org](http://www.musedata.org) or they may order a CD-ROM with more substantial portions of the material from [www.ccarh.org](http://www.ccarh.org)

Although some Stage-1 files can still be found on our website, they are only preliminary files and are eventually replaced with the Stage-2 files (see *MuseData* documentation for details). Stage-1 files are neither intended or recommended for data translation. None appear on this CD-ROM.

The Center for Computer Assisted Research in the Humanities at Stanford University (Braun #129, Stanford University, Stanford, CA 94305-3076, USA) is a non-profit enterprise founded in 1984.