Contents of the CCARH Data Test Set #1 (updated for ISMIR, 17 July 2007)

All works are in two data formats: MIDI and *MuseData*. <u>*MuseData* </u>is a richer data format than MIDI because it specifies enharmonic information and other details useful in printing and analysis. In appropriate cases, the MIDI data includes realized ornaments.

1. J. S. Bach: Cantata No. 1, *Wie schön leuchtet der Morgenstern*
   a. Data formats: *MuseData* (Stage 2), MIDI 1 (quantized, with realized ornaments)
   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)

2. J. S. Bach: *Well-Tempered Clavier*, Book I,
   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

3. L. van Beethoven: Symphony No. 5 in C Minor
   a. Data formats: *MuseData* (Stage 2), MIDI 1 (quantized)
   b. Movements: 4
   c. No. of parts (maximum per movement): 18

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)

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)

MIDI users, please note: We are aware that the oboe cadenza in Beethoven's Fifth is not rendered in a consistent way by MIDI players. If the parts sound misaligned in your player, try a different player.

For MIDI assignments, see the mchan* files in the MuseData folder.

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

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