

30 Short Musical Examples Encoded in MEI

Selected and typeset in SCORE by Craig Sapp
Encoded into MEI by Perry Roland

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1 beam-break

Demonstration of how to break a beam down to the sixteenth-note level and how to indicate two triplet "3" marks on a beam.
Beethoven piano sonata no. 5 in C minor, op. 10/1, mvmt. 2: 11 layer-lhrh5
Adagio molto.

2 beam-grace

Demonstration of how grace notes interact with <beam> elements. The first subexample shows how to place a gracenote inside of a grouping of beamed regular notes. The second subexample shows how beamed grace notes are represented within a group of regular notes.

3 beam-secondary

Demonstration of how to break secondary beams. The first subexample shows a beam without breaks. The second subexample shows a break for every three notes. The third subexample shows a break for every two notes.

4 chord-artic

Demonstration of how to encode articulations on single notes and on chords. There are 4 staccato marks in this example applied to 6 notes.

5 chord-bidur

Demonstration of how to encode notes in a chord which do not all have the same duration. This example contains an arpeggiated chord containing two quarter notes and one half note. The logical duration of the chord is a half-note. This example is taken from Mozart's piano sonata no. 6 in D major (K¹<sup>284 / K⁶<sup>205b), mvmt. 3, variation 4 (Alte Mozart-Ausgabe).

6 chord-seconds

Demonstration of how to encode chords with the same pitches, but with different arrangement of seconds along the stem.

7 layer-lhrh

Demonstration of how to encode a single line of music which is displayed in multiple orthographic layers, but a single perceptual (analytic) layer. Stem directions in this example suggests which hand should play the notes. Beethoven piano sonata no. 2 in A major, op. 2, no. 2, mvmt. 4: Rondo grazioso.

8 layer-lhrh2

Example of a layer which starts out in one staff and then changes to another in a measure. Example from Beethoven's piano sonata no. 2 in A major, op. 2, no. 2, mvmt. 4: Rondo: Grazioso.

9 layer-lhrh3

Demonstration of a melody spanning two staves, and layers on a single staff with stems going the same direction. Example from Beethoven's piano sonata no. 4 in E-flat major, op. 7, mvmt. 4: Rondo: Poco allegretto grazioso.

10 layer-lhrh4

Demonstration of how to encode three musical lines on two staves when the middle line transfers to a different staff half-way through a measure. Beethoven piano sonata no. 4 in E-flat major, op. 7, mvmt. 1: Allegro molto con brio.

12 layer-x3staff

Demonstration of cross-staff layers. Beethoven piano sonata no. 4 in E-flat major, op. 7, mvmt. 1: Allegro molto con brio.

13 layer-xchord

Demonstration of how to encode notes of chords which occur on two different staves. Example from Mozart's piano sonata no. 1 in C major, K1 279, mvmt 2: Andante.

14 layer-xstaff

Demonstration of an unusual interaction of layers across staves. Note in particular that the first treble clef on the bottom staff comes before the end of the bar so that a note from the stop staff can be written in treble clef. Example from Joseph Haydn's keyboard sonata in G minor, Hoboken XVI:44 (Wiener Urtext no. 32), mvmt. 1.

15 layer-xtie

Demonstration of how to encode ties which start and end in different layers. This example is from Chopin's mazurka in A minor Op. 17/4.

16 lyrics-syllab

The vocal part contains the original text and a translation. In the third measure, the translation has two syllables while the original-language lyrics has one. This is reflected in the music with a quarter note for the original lyrics and two eighth notes for the translated lyrics. Similar double-stem notation is used for multiple verses when the number of syllables varies between the verses. Example from the piano reduction of Wagner's Rheingold.

17 note-caution

Demonstration of how to indicate a cautionary accidental. The first subexample has an E-flat at the end of the second measure, but there is no accidental displayed, since it is contained in the key signature. The second subexample displays the flat, which is not technically required, but is provided for clarity to the performer.

18 ornament-fltrn

Example of multiple finger numbers attached to an ornament (turn). From Beethoven's piano sonata no. 8 in C minor, op. 13, mvmt. 2: Adagio cantabile.

19 ornament-trill

Demonstration of how to encode trills with and without wavy lines after them. Also demonstration of how to encode accidental for upper neighboring tone on trill mark. Example from Joseph Haydn's keyboard sonata in D major, Hoboken XVI:33 (Wiener Urtext no. 34), mvmt. 1.

20 ornament-turn

Demonstration of how to encode turn ornaments. The example is from Beethoven's piano sonata no. 1 in F minor, op. 2, no. 1, mvmt. 2: Adagio. The first turn is centered above the note it applies to. The second turn in the next measure is centered *between* the note it is applied to and the following note in the layer. Both of the example turns have accidentals underneath them; the first has a natural sign which means play the lower diatonic note as a natural (B-natural). The second has a sharp sign underneath it which means play a sharped lower diatonic tone (F-sharp). Turns can also have accidentals placed above them which indicate the chromatic alteration of the upper diatonic tone.

21 ornament-turn2

Demonstration of how to encode inter-note turn with a chromatic alteration of the lower and upper diatonic neighboring tones. Beethoven piano sonata no. 2 in A major, op. 2, no. 2, mvmt. 1: Allegro vivace.

22 rhythm-fractup

Demonstration of how to encode tuplet notes which contain rhythms which are not integer subdivisions of the whole note.

23 staff-keytime

Demonstration of key and time signature changes, how they interact with sections, and non-sequential performance sections.

24 staff-layers

Demonstration of staff layers, particularly of how invisible rests in this measure are encoded.

25 tie-finger

Demonstration of how to encode finger slurs. This example is from Beethoven piano sonata no. 23 in F minor, Op. 57, mvmt. 4: Presto.

26 tie-finger2

Demonstration of finger pedaling with durations of notes explicitly written out. Beethoven piano sonata no. 3 in C major, mvmt. 1: Allegro con brio.

27 tie-xlayer

Demonstration of how to encode ties which cross layers (initial to medial, and medial to terminal are in different layers). Beethoven piano sonata no. 4 in E-flat major, op. 7, mvmt 1: Allegro molto brio.

28 tuplet-ambig

Demonstration of how to encode rhythms when the visual display of note rhythms is ambiguous.

29 tuplet-ambig2

Demonstration of how to encode rhythms when the visual display of note rhythms is ambiguous. This example is from Chopin's mazurka in A minor, Op. 17/4. The notes in the top staff are quintuplet sixteenth notes, but they are displayed with a single beam rather than two beams. The tuplet notes are also cue-sized in the printed edition.

30 tuplet-nested

This example simulates a written out ornament played as a quintuplet 32nd notes within a triplet-eighth note pattern.

beam-break

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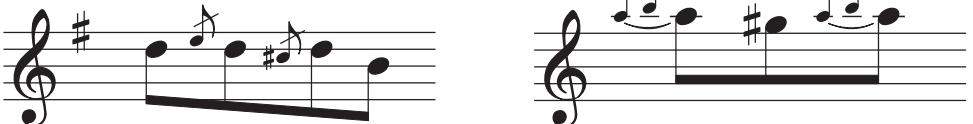
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beam-grace



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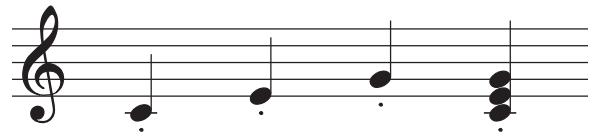
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beam-secondary



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chord-artic



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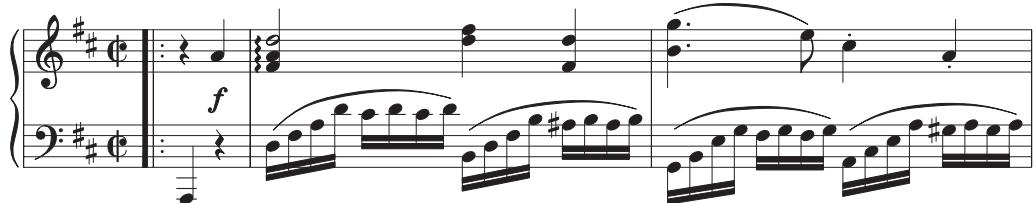
chord-bidur

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      <p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
    </projectdesc>
  </encodingdesc>
  <revisiondesc>
    <change>
      <respstmt>
        <name>Perry Roland</name>
      </respstmt>
      <changedesc>
        <p>hand-edited</p>
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    </change>
  </revisiondesc>
</meihead>
<music>
  <body>
    <mdiv>
      <scoredef meter.count="4" meter.unit="4" meter.sym="cut" key.sig="2s">
        <staffgrp xml:id="group1" symbol="brace" label.full="Part_1"
          barthru="true">
          <staffdef n="1" lines="5" clef.line="2" clef.shape="G"
            midi.div="4" key.sig="2s"/>
          <staffdef n="2" lines="5" clef.line="4" clef.shape="F"
            midi.div="4" key.sig="2s"/>
        </staffgrp>
      </scoredef>
    <section>
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        <staff n="1">
          <layer n="1">
            <rest xml:id="d1e46" dur="4" dur.ges="4"/>
            <note xml:id="d1e63" pname="a" oct="4" dur="4" dur.ges="4"
              stem.dir="up"/>
          </layer>
        </staff>
        <staff n="2">
          <layer n="1">
            <note xml:id="d1e83" pname="a" oct="1" dur="4" dur.ges="4"
              stem.dir="up"/>
            <rest xml:id="d1e100" dur="4" dur.ges="4"/>
          </layer>
        </staff>
        <dynam tstamp="1.5" place="below" staff="1">f</dynam>
      </measure>
      <measure n="1" xml:id="d1e111">
        <staff n="1">
          <layer n="1">
            <chord xml:id="d25e1" dur="2" dur.ges="4" stem.dir="up">
              <note xml:id="d1e116" pname="d" oct="5"/>
              <note xml:id="d1e136" pname="a" oct="4" coloration="inverse"/>
              <note xml:id="d1e153" pname="f" oct="4" accid.ges="s"
                coloration="inverse"/>
            </chord>
            <chord dur="4">
              <note xml:id="d1e176" pname="f" oct="5" accid.ges="s"/>
              <note xml:id="d1e195" pname="d" oct="5"/>
            </chord>
            <chord xml:id="d31e1" dur="4" dur.ges="4" stem.dir="up">
              <note xml:id="d1e213" pname="d" oct="5"/>
              <note xml:id="d1e230" pname="f" oct="4" accid.ges="s"/>
            </chord>
          </layer>
        </staff>
        <staff n="2">
          <layer n="1">
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                stem.dir="down"/>
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                stem.dir="down" accid.ges="s"/>
              <note xml:id="d1e299" pname="a" oct="3" dur="16" dur.ges="1"
                stem.dir="down"/>
              <note xml:id="d1e320" pname="d" oct="4" dur="16" dur.ges="1"
                stem.dir="down"/>
            </beam>
            <beam>
              <note xml:id="d1e341" pname="c" oct="4" dur="16" dur.ges="1"
                stem.dir="down" accid.ges="s"/>
              <note xml:id="d1e364" pname="d" oct="4" dur="16" dur.ges="1"
                stem.dir="down"/>
            </beam>
          </layer>
        </staff>
      </measure>
      <measure n="2" xml:id="d1e385" pname="c" oct="4" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e409" pname="d" oct="4" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e452" pname="d" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e473" pname="f" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e497" pname="b" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e518" pname="a" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <accid value="s"/>
      </note>
      <note xml:id="d1e543" pname="b" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
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        stem.dir="down" accid.ges="s"/>
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        stem.dir="down"/>
      <note xml:id="d1e609" pname="a" oct="4" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d65e1" dur="4" dots="1" dur.ges="6"
        stem.dir="down">
        <note xml:id="d1e611" pname="g" oct="5"/>
        <note xml:id="d1e630" pname="b" oct="4"/>
      </chord>
      <note xml:id="d1e649" pname="e" oct="5" dur="8" dur.ges="2"
        stem.dir="down"/>
      <note xml:id="d1e667" pname="c" oct="5" dur="4" dur.ges="4"
        stem.dir="down" accid.ges="s"/>
      <artic value="stacc"/>
      </note>
      <note xml:id="d1e688" pname="a" oct="4" dur="4" dur.ges="4"
        stem.dir="up"/>
      <artic value="stacc"/>
      </note>
      <note xml:id="d1e708" pname="g" oct="2" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e730" pname="b" oct="2" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e751" pname="e" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e772" pname="g" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e793" pname="f" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e817" pname="g" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e838" pname="f" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e861" pname="g" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e883" pname="a" oct="2" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e905" pname="c" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e928" pname="e" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e949" pname="a" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
      <note xml:id="d1e970" pname="g" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <accid value="s"/>
      </note>
    </measure>
  </music>
</body>
</mdiv>
<score>
  <scoredef meter.count="4" meter.unit="4" meter.sym="cut" key.sig="2s">
    <staffgrp xml:id="group1" symbol="brace" label.full="Part_1"
      barthru="true">
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        midi.div="4" key.sig="2s"/>
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        midi.div="4" key.sig="2s"/>
    </staffgrp>
  </scoredef>
  <section>
    <measure n="0" xml:id="d1e12" left="rptstart">
      <staff n="1">
        <layer n="1">
          <rest xml:id="d1e46" dur="4" dur.ges="4"/>
          <note xml:id="d1e63" pname="a" oct="4" dur="4" dur.ges="4"
            stem.dir="up"/>
        </layer>
      </staff>
      <staff n="2">
        <layer n="1">
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            stem.dir="up"/>
          <rest xml:id="d1e100" dur="4" dur.ges="4"/>
        </layer>
      </staff>
      <dynam tstamp="1.5" place="below" staff="1">f</dynam>
    </measure>
    <measure n="1" xml:id="d1e111">
      <staff n="1">
        <layer n="1">
          <chord xml:id="d25e1" dur="2" dur.ges="4" stem.dir="up">
            <note xml:id="d1e116" pname="d" oct="5"/>
            <note xml:id="d1e136" pname="a" oct="4" coloration="inverse"/>
            <note xml:id="d1e153" pname="f" oct="4" accid.ges="s"
              coloration="inverse"/>
          </chord>
          <chord dur="4">
            <note xml:id="d1e176" pname="f" oct="5" accid.ges="s"/>
            <note xml:id="d1e195" pname="d" oct="5"/>
          </chord>
          <chord xml:id="d31e1" dur="4" dur.ges="4" stem.dir="up">
            <note xml:id="d1e213" pname="d" oct="5"/>
            <note xml:id="d1e230" pname="f" oct="4" accid.ges="s"/>
          </chord>
        </layer>
      </staff>
      <staff n="2">
        <layer n="1">
          <beam>
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              stem.dir="down"/>
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              stem.dir="down" accid.ges="s"/>
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              stem.dir="down"/>
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              stem.dir="down"/>
          </beam>
          <beam>
            <note xml:id="d1e341" pname="c" oct="4" dur="16" dur.ges="1"
              stem.dir="down" accid.ges="s"/>
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              stem.dir="down"/>
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        </layer>
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    </measure>
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      stem.dir="down"/>
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      stem.dir="down"/>
    <note xml:id="d1e452" pname="d" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e473" pname="f" oct="3" dur="16" dur.ges="1"
      stem.dir="down" accid.ges="s"/>
    <note xml:id="d1e497" pname="b" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e518" pname="a" oct="3" dur="16" dur.ges="1"
      stem.dir="down" accid.ges="s"/>
    <accid value="s"/>
    </note>
    <note xml:id="d1e543" pname="b" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e564" pname="a" oct="3" dur="16" dur.ges="1"
      stem.dir="down" accid.ges="s"/>
    <note xml:id="d1e587" pname="b" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e609" pname="a" oct="4" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d65e1" dur="4" dots="1" dur.ges="6"
      stem.dir="down">
      <note xml:id="d1e611" pname="g" oct="5"/>
      <note xml:id="d1e630" pname="b" oct="4"/>
    </chord>
    <note xml:id="d1e649" pname="e" oct="5" dur="8" dur.ges="2"
      stem.dir="down"/>
    <note xml:id="d1e667" pname="c" oct="5" dur="4" dur.ges="4"
      stem.dir="down" accid.ges="s"/>
    <artic value="stacc"/>
    </note>
    <note xml:id="d1e688" pname="a" oct="4" dur="4" dur.ges="4"
      stem.dir="up"/>
    <artic value="stacc"/>
    </note>
    <note xml:id="d1e708" pname="g" oct="2" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e730" pname="b" oct="2" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e751" pname="e" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e772" pname="g" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e793" pname="f" oct="3" dur="16" dur.ges="1"
      stem.dir="down" accid.ges="s"/>
    <note xml:id="d1e817" pname="g" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e838" pname="f" oct="3" dur="16" dur.ges="1"
      stem.dir="down" accid.ges="s"/>
    <note xml:id="d1e861" pname="g" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e883" pname="a" oct="2" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e905" pname="c" oct="3" dur="16" dur.ges="1"
      stem.dir="down" accid.ges="s"/>
    <note xml:id="d1e928" pname="e" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e949" pname="a" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e970" pname="g" oct="3" dur="16" dur.ges="1"
      stem.dir="down" accid.ges="s"/>
    <accid value="s"/>
    </note>
  </measure>
</score>

```

chord-bidur (p2)

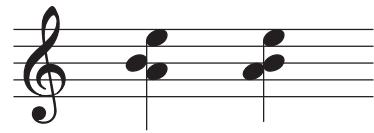


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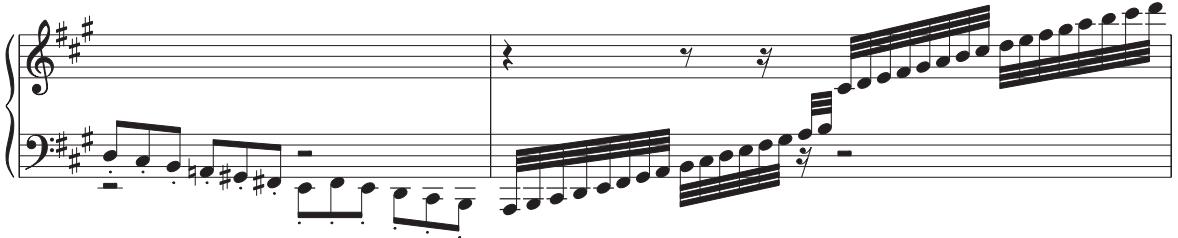
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<note xml:id="d1e1016_1" pname="g" oct="3" dur="16"
  dur.ges="1" stem.dir="down" accid.ges="s"/>
<note xml:id="d1e1039_1" pname="a" oct="3" dur="16"
  dur.ges="1" stem.dir="down"/>
</beam>
</layer>
</staff>
<slur tstamp="1" dur="0m+2.5" place="above" startid="d1e611"
  endid="d1e649" staff="1"/>
<slur tstamp="1" dur="0m+1.75" place="above" startid="d1e708"
  endid="d1e861" staff="2"/>
<slur tstamp="2" dur="0m+2.75" place="above" startid="d1e883"
  endid="d1e1039" staff="2"/>
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</section>
<section restart="true">
<measure n="0" xml:id="d1e12_1" left="rptstart">
<staff n="1">
  <layer n="1">
    <rest xml:id="d1e46_1" dur="4" dur.ges="4"/>
    <note xml:id="d1e63_1" pname="a" oct="4" dur="4" dur.ges="4"
      stem.dir="up"/>
  </layer>
</staff>
<staff n="2">
  <layer n="1">
    <note xml:id="d1e83_1" pname="a" oct="1" dur="4" dur.ges="4"
      stem.dir="up"/>
    <rest xml:id="d1e100_1" dur="4" dur.ges="4"/>
  </layer>
</staff>
<dynam tstamp="1.5" place="below" staff="1">f</dynam>
</measure>
<measure n="1" xml:id="d1e111_1">
<staff n="1">
  <layer n="1">
    <note xml:id="d1e116_1" pname="d" oct="5" dur="2" dur.ges="4" stem.dir="up"/>
    <chord dur="4">
      <note xml:id="d1e176_1" pname="f" oct="5" accid.ges="s"/>
      <note xml:id="d1e195_1" pname="d" oct="5"/>
    </chord>
    <chord xml:id="d31e1_1" dur="4" dur.ges="4" stem.dir="up">
      <note xml:id="d1e213_1" pname="d" oct="5"/>
      <note xml:id="d1e230_1" pname="f" oct="4" accid.ges="s"/>
    </chord>
  </layer>
  <layer n="2">
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      <note pname="a" oct="4"/>
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  </layer>
</staff>
<staff n="2">
  <layer n="1">
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      <note xml:id="d1e276_1" pname="f" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e299_1" pname="a" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
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        stem.dir="down"/>
    </beam>
    <beam>
      <note xml:id="d1e341_1" pname="c" oct="4" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e364_1" pname="d" oct="4" dur="16" dur.ges="1"
        stem.dir="down"/>
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        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e409_1" pname="d" oct="4" dur="16" dur.ges="1"
        stem.dir="down"/>
    </beam>
    <beam>
      <note xml:id="d1e430_1" pname="b" oct="2" dur="16" dur.ges="1"
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        stem.dir="down"/>
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        stem.dir="down"/>
    </beam>
    <beam>
      <note xml:id="d1e518_1" pname="a" oct="3" dur="16" dur.ges="1"
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      <accid value="s"/>
    </note>
    <note xml:id="d1e543_1" pname="b" oct="3" dur="16" dur.ges="1"
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    </mei>
  </layer>
</staff>
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  endid="d1e87" staff="2"/>
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      stem.dir="down">
      <note xml:id="d1e611_1" pname="g" oct="5"/>
      <note xml:id="d1e630_1" pname="b" oct="4"/>
    </chord>
    <note xml:id="d1e649_1" pname="e" oct="5" dur="8" dur.ges="2"
      stem.dir="down"/>
    <note xml:id="d1e667_1" pname="c" oct="5" dur="4" dur.ges="4"
      stem.dir="down" accid.ges="s">
      <artic value="stacc"/>
    </note>
    <note xml:id="d1e688_1" pname="a" oct="4" dur="4" dur.ges="4"
      stem.dir="up">
      <artic value="stacc"/>
    </note>
  </layer>
</staff>
<staff n="2">
  <layer n="1">
    <beam>
      <note xml:id="d1e708_1" pname="g" oct="2" dur="16" dur.ges="1"
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        stem.dir="down"/>
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        stem.dir="down"/>
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        stem.dir="down"/>
    </beam>
    <beam>
      <note xml:id="d1e793_1" pname="f" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
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        stem.dir="down"/>
      <note xml:id="d1e838_1" pname="f" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e861_1" pname="g" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
    </beam>
    <beam>
      <note xml:id="d1e883_1" pname="a" oct="2" dur="16" dur.ges="1"
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        stem.dir="down" accid.ges="s"/>
      <note xml:id="d1e928_1" pname="e" oct="3" dur="16" dur.ges="1"
        stem.dir="down"/>
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        stem.dir="down"/>
    </beam>
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      <note xml:id="d1e970_1" pname="g" oct="3" dur="16" dur.ges="1"
        stem.dir="down" accid.ges="s">
      <accid value="s"/>
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    <note xml:id="d1e995_1" pname="a" oct="3" dur="16" dur.ges="1"
      stem.dir="down"/>
    <note xml:id="d1e1016_1" pname="g" oct="3" dur="16"
      dur.ges="1" stem.dir="down" accid.ges="s"/>
    <note xml:id="d1e1039_1" pname="a" oct="3" dur="16"
      dur.ges="1" stem.dir="down"/>
  </layer>
</staff>
<slur tstamp="1" dur="0m+2.5" place="above" startid="d1e611"
  endid="d1e649" staff="1"/>
<slur tstamp="1" dur="0m+1.75" place="above" startid="d1e708"
  endid="d1e861" staff="2"/>
<slur tstamp="2" dur="0m+2.75" place="above" startid="d1e883"
  endid="d1e1039" staff="2"/>
</measure>
</section>
</score>
</mdiv>
</body>
</music>
</mei>

```

chord-seconds



layer-lhrh



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="./mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="./mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
<filedesc>
<titlestmt>
<title/>
</titlestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-05</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
<revisiondesc>
<change>
<respmnt>
<name>Perry Roland</name>
</respmnt>
<changedesc>
<p>hand-edited</p>
</changedesc>
<date>2009-11-12</date>
</change>
</revisiondesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoredef meter.count="4" meter.unit="4" key.sig="3s"
meter.render="invis">
<staffgrp xml:id="P1" symbol="brace" label.full="Part_1"
barthru="true">
<staffdef n="1" lines="5" clef.line="2" clef.shape="G"
midi.div="24" key.sig="3s"/>
<staffdef n="2" lines="5" clef.line="4" clef.shape="F"
midi.div="24" key.sig="3s"/>
</staffgrp>
</scoredef>
<section>
<measure n="1" xml:id="d1e12">
<staff n="1">
<!-- "visual" reading: staff 1 is empty -->
<layer n="1">
<mspace xml:id="d1e41" dur.ges="96"/>
</layer>
</staff>
<staff n="2">
<!-- "visual" reading: 2 layers -->
<layer n="1">
<beam>
<note xml:id="d1e57" pname="d" oct="3" dur="8" dur.ges="8"
tuplet="i1" stem.dir="up">
<artic value="stacc"/>
</note>
<note xml:id="d1e84" pname="c" oct="3" dur="8" dur.ges="8"
tuplet="m1" stem.dir="up" accid.ges="s">
<artic value="stacc"/>
</note>
<note xml:id="d1e112" pname="b" oct="2" dur="8" dur.ges="8"
tuplet="t1" stem.dir="up">
<artic value="stacc"/>
</note>
<note xml:id="d1e139" pname="a" oct="2" dur="8" dur.ges="8"
tuplet="i1" stem.dir="up">
<accid value="n"/>
<artic value="stacc"/>
</note>
<note xml:id="d1e168" pname="g" oct="2" dur="8" dur.ges="8"
tuplet="m1" stem.dir="up" accid.ges="s">
<accid value="s"/>
<artic value="stacc"/>
</note>
<note xml:id="d1e198" pname="f" oct="2" dur="8" dur.ges="8"
tuplet="t1" stem.dir="up" accid.ges="s">
<accid value="s"/>
<artic value="stacc"/>
</note>
<rest dur="2"/>
<layer n="2">
<rest dur="2"/>
<beam>
<note xml:id="d1e229" pname="e" oct="2" dur="8" dur.ges="8"
tuplet="i1" stem.dir="down">
<artic value="stacc"/>
</note>
<note xml:id="d1e256" pname="f" oct="5" dur="8" dur.ges="8"
tuplet="m1" stem.dir="down" accid.ges="s">
<artic value="stacc"/>
</note>
<note xml:id="d1e285" pname="e" oct="2" dur="8" dur.ges="8"
tuplet="i1" stem.dir="down">
<artic value="stacc"/>
</note>
<beam>
<note xml:id="d1e312" pname="d" oct="2" dur="8" dur.ges="8"
tuplet="i1" stem.dir="down">
<artic value="stacc"/>
</note>
<note xml:id="d1e339" pname="c" oct="2" dur="8" dur.ges="8"
tuplet="m1" stem.dir="down" accid.ges="s">
<artic value="stacc"/>
</note>
<note xml:id="d1e367" pname="b" oct="1" dur="8" dur.ges="8"
tuplet="i1" stem.dir="down">
<artic value="stacc"/>
</note>
<note xml:id="d1e394" pname="a" oct="3" dur="8" dur.ges="8"
tuplet="i1" stem.dir="down">
<artic value="stacc"/>
</note>
<note xml:id="d1e407" pname="c" oct="4" dur="8" dur.ges="8"
tuplet="m1" stem.dir="up" accid.ges="s">
<artic value="stacc"/>
</note>
<note xml:id="d1e418" pname="d" oct="4" dur="8" dur.ges="8"
tuplet="t1" stem.dir="up">
<artic value="stacc"/>
</note>
<note xml:id="d1e429" pname="e" oct="4" dur="8" dur.ges="8"
tuplet="i1" stem.dir="up">
<space xml:id="d1e429" dur="16" ges="6"/>
<beam>
<note xml:id="d1e440" pname="c" oct="4" dur="8" dur.ges="8"
tuplet="m1" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e465" pname="d" oct="4" dur="8" dur.ges="8"
tuplet="t1" stem.dir="up">
<note xml:id="d1e488" pname="e" oct="4" dur="8" dur.ges="8"
tuplet="i1" stem.dir="up">
<note xml:id="d1e511" pname="f" oct="4" dur="8" dur.ges="8"
tuplet="m1" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e536" pname="g" oct="4" dur="8" dur.ges="8"
tuplet="t1" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e561" pname="a" oct="4" dur="8" dur.ges="8"
tuplet="i1" stem.dir="up">
<note xml:id="d1e584" pname="b" oct="4" dur="8" dur.ges="8"
tuplet="m1" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e608" pname="c" oct="5" dur="8" dur.ges="8"
tuplet="t1" stem.dir="up" accid.ges="s"/>
<beam>
<note xml:id="d1e633" pname="d" oct="5" dur="8" dur.ges="8"
tuplet="i1" stem.dir="up">
<note xml:id="d1e656" pname="e" oct="5" dur="32" dur.ges="3"
stem.dir="down"/>
<note xml:id="d1e679" pname="f" oct="5" dur="32" dur.ges="3"
stem.dir="down" accid.ges="s"/>
<note xml:id="d1e704" pname="g" oct="5" dur="32" dur.ges="3"
stem.dir="down" accid.ges="s"/>
<note xml:id="d1e729" pname="a" oct="5" dur="32" dur.ges="3"
stem.dir="down"/>
<note xml:id="d1e752" pname="b" oct="5" dur="32" dur.ges="3"
stem.dir="down"/>
<note xml:id="d1e775" pname="c" oct="6" dur="32" dur.ges="3"
stem.dir="down" accid.ges="s"/>
<note xml:id="d1e800" pname="d" oct="6" dur="32" dur.ges="3"
stem.dir="down"/>
<beam>
</layer>
</staff>
<staff n="2">
<l -- "visual" reading: 2 layers -->
<layer n="1">
<space xml:id="d66e21a1544" dur.ges="42"/>
<beam>
<note xml:id="d1e1176.1" pname="a" oct="3" dur="32"
dges="3" stem.dir="up"/>
<note xml:id="d1e1199.1" pname="b" oct="3" dur="32"
dges="3" stem.dir="up"/>
<beam>
<layer n="2">
<beam>
<note xml:id="d1e826" pname="a" oct="1" dur="32" dur.ges="3"
stem.dir="up"/>
<note xml:id="d1e850" pname="b" oct="1" dur="32" dur.ges="3"
stem.dir="up"/>
<note xml:id="d1e873" pname="c" oct="2" dur="32" dur.ges="3"
stem.dir="up" accid.ges="s"/>
<note xml:id="d1e898" pname="d" oct="2" dur="32" dur.ges="3"
stem.dir="up"/>
<note xml:id="d1e921" pname="e" oct="2" dur="32" dur.ges="3"
stem.dir="up"/>
<note xml:id="d1e944" pname="f" oct="2" dur="32" dur.ges="3"
stem.dir="up" accid.ges="s"/>
<note xml:id="d1e969" pname="g" oct="2" dur="32" dur.ges="3"
stem.dir="up" accid.ges="s"/>
<note xml:id="d1e994" pname="a" oct="2" dur="32" dur.ges="3"
stem.dir="up"/>
<beam>
<beam>
<note xml:id="d1e1017" pname="b" oct="2" dur="32"
dges="3" stem.dir="down"/>
<note xml:id="d1e1040" pname="c" oct="3" dur="32"
dges="3" stem.dir="down" accid.ges="s"/>
<note xml:id="d1e1065" pname="d" oct="3" dur="32"
dges="3" stem.dir="down"/>
<note xml:id="d1e1088" pname="e" oct="3" dur="32"
dges="3" stem.dir="down"/>
<note xml:id="d1e1112" pname="f" oct="3" dur="32"
dges="3" stem.dir="down" accid.ges="s"/>
<note xml:id="d1e1137" pname="g" oct="3" dur="32"
dges="3" stem.dir="down" accid.ges="s"/>
<beam>
<rest xml:id="d1e1162" dur="16" dur.ges="6"/>
<rest xml:id="d1e1222" dur="2" dur.ges="48"/>
</layer>
</staff>
</measure>
</section>
</score>
</mdiv>
</music>
</mei>

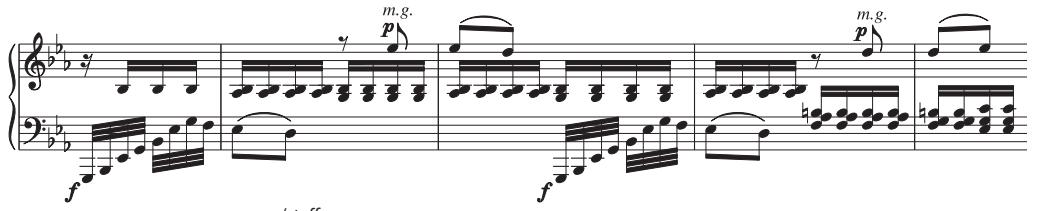
```

layer-lhrh2

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng" type="compact"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
  <meihead>
    <filedesc>
      <titlestmt>
        <title/>
      </titlestmt>
      <pubstmt/>
    </filedesc>
    <encodingdesc>
      <projectdesc>
        <p>Transcribed from a MusicXML version 1.0 file on
          <date>2009-11-05</date> using an XSLT stylesheet (2mei v.
          2.2.1).</p>
        <p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
      </projectdesc>
    </encodingdesc>
    <revisiondesc>
      <change>
        <respstmt>
          <name>Perry Roland</name>
        </respstmt>
        <changedesc>
          <p>hand-edited</p>
        </changedesc>
        <date>2009-11-15</date>
      </change>
    </revisiondesc>
  </meihead>
  <music>
    <body>
      <mdiv>
        <score>
          <scoredef meter.count="4" meter.unit="4" key.sig="3s"
            meter.render="invis">
            <staffgrp id="P1" symbol="brace" label.full="Part_1" barthru="true">
              <staffdef n="1" lines="5" clef.line="2" clef.shape="G"
                midi.div="24" key.sig="3s"/>
              <staffdef n="2" lines="5" clef.line="4" clef.shape="F"
                midi.div="24" key.sig="3s"/>
            </staffgrp>
          </scoredef>
        <section>
          <measure n="1" xml:id="d1e12">
            <staff n="1">
              <layer n="1">
                <space xml:id="d1e41" dur="4" dur.ges="24"/>
                <beam>
                  <note xml:id="d1e52" pname="e" oct="4" dur="32" dur.ges="3"
                    stem.dir="down"/>
                  <note xml:id="d1e75" pname="f" oct="4" dur="32" dur.ges="3"
                    stem.dir="down" accid.ges="s"/>
                  <note xml:id="d1e100" pname="g" oct="4" dur="32" dur.ges="3"
                    stem.dir="down" accid.ges="s"/>
                  <note xml:id="d1e125" pname="a" oct="4" dur="32" dur.ges="3"
                    stem.dir="down"/>
                  <note xml:id="d1e148" pname="b" oct="4" dur="32" dur.ges="3"
                    stem.dir="down"/>
                  <note xml:id="d1e171" pname="c" oct="5" dur="32" dur.ges="3"
                    stem.dir="down" accid.ges="s"/>
                  <note xml:id="d1e196" pname="d" oct="5" dur="32" dur.ges="3"
                    stem.dir="down" accid.ges="s"/>
                  <accid value="s"/>
                </note>
                <note xml:id="d1e223" pname="e" oct="5" dur="32" dur.ges="3"
                  stem.dir="down"/>
              </beam>
              <beam>
                <note xml:id="d1e246" pname="f" oct="5" dur="16" dur.ges="4"
                  tuplet="1" stem.dir="down" accid.ges="s"/>
                <note xml:id="d1e277" pname="g" oct="5" dur="16" dur.ges="4"
                  tuplet="1" stem.dir="down" accid.ges="s"/>
                <note xml:id="d1e305" pname="a" oct="5" dur="16" dur.ges="4"
                  tuplet="1" stem.dir="down"/>
                <note xml:id="d1e331" pname="b" oct="5" dur="16" dur.ges="4"
                  tuplet="1" stem.dir="down"/>
                <note xml:id="d1e357" pname="c" oct="6" dur="16" dur.ges="4"
                  tuplet="1" stem.dir="down" accid.ges="s"/>
                <note xml:id="d1e385" pname="d" oct="6" dur="16" dur.ges="4"
                  tuplet="1" stem.dir="down" accid.ges="s"/>
                <accid value="s"/>
              </note>
            </beam>
            <note xml:id="d1e417" pname="e" oct="6" dur="8" dur.ges="12"
              stem.dir="down"/>
            <note xml:id="d1e436" pname="e" oct="6" dur="8" dur.ges="12"
              stem.dir="down"/>
          </beam>
        </layer>
      <staff n="2">
        <layer n="1">
          <beam>
```

A musical score for piano, featuring two staves. The top staff uses a treble clef and has a key signature of four sharps. The bottom staff uses a bass clef and has a key signature of one sharp. Measure 6 begins with a sixteenth-note scale run on the treble staff. Measure 7 continues the scale run and introduces eighth-note chords on the bass staff.

layer-lhrh3

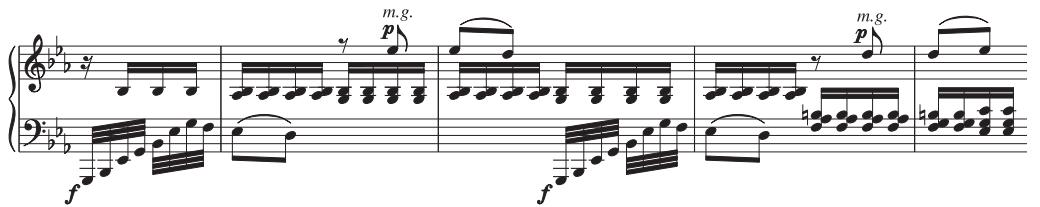


```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema=".../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema=".../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
<filedesc>
<titlestmt>
<title/>
</titlestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-05</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
<revisiondesc>
<change>
<respsmt>
<name>Perry Roland</name>
</respsmt>
<changedesc>
<p>hand-edited</p>
</changedesc>
<date>2009-11-15</date>
</change>
</revisiondesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoredef meter.count="2" meter.unit="4" key.sig="3f"
meter.render="invis">
<staffgrp xml:id="P1" symbol="brace" label.full="Part_1">
<staffdef n="1" lines="5" clef.line="2" clef.shape="G"
midi.div="8" key.sig="3f"/>
<staffdef n="2" lines="5" clef.line="4" clef.shape="F"
midi.div="8" key.sig="3f"/>
</staffgrp>
</scoredef>
<section>
<measure n="0" xml:id="d1e12" join="d1e1847" complete="i">
<staff n="1">
<layer n="2">
<rest xml:id="d1e41" dur="16" dur.ges="2"/>
<beam>
<note xml:id="d1e52" pname="b" oct="3" dur="16" dur.ges="2"
stem.dir="up" accid.ges="f"/>
<note xml:id="d1e75" pname="b" oct="3" dur="16" dur.ges="2"
stem.dir="up" accid.ges="f"/>
<note xml:id="d1e98" pname="b" oct="3" dur="16" dur.ges="2"
stem.dir="up" accid.ges="f"/>
</beam>
</layer>
</staff>
<staff n="2">
<layer n="1">
<beam>
<note xml:id="d1e130" pname="g" oct="1" dur="32" dur.ges="1"
stem.dir="up"/>
<note xml:id="d1e153" pname="b" oct="1" dur="32" dur.ges="1"
stem.dir="up" accid.ges="f"/>
<note xml:id="d1e178" pname="e" oct="2" dur="32" dur.ges="1"
stem.dir="up" accid.ges="f"/>
<note xml:id="d1e203" pname="g" oct="2" dur="32" dur.ges="1"
stem.dir="up"/>
</beam>
<beam>
<note xml:id="d1e227" pname="b" oct="2" dur="32" dur.ges="1"
stem.dir="down" accid.ges="f"/>
<note xml:id="d1e252" pname="e" oct="3" dur="32" dur.ges="1"
stem.dir="down" accid.ges="f"/>
<note xml:id="d1e277" pname="g" oct="3" dur="32" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e300" pname="f" oct="3" dur="32" dur.ges="1"
stem.dir="down"/>
</beam>
</layer>
</staff>
<dynam tstamp="1" place="below" staff="2">f</dynam>
<measure n="1" xml:id="d1e323">
<staff n="1">
<layer n="2">
<beam>
<chord xml:id="d27e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e325" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e348" pname="a" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d33e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e368" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e391" pname="a" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d39e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e411" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e434" pname="a" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d45e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e454" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e477" pname="a" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d51e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e515" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e539" pname="g" oct="3"/>
</chord>
<chord xml:id="d57e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e557" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e580" pname="g" oct="3"/>
</chord>
<chord xml:id="d63e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e604" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e627" pname="g" oct="3"/>
</chord>
<chord xml:id="d70e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e670" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e693" pname="g" oct="3"/>
</chord>
</beam>
</layer>
<layer n="1">
<space xml:id="d85e18a1544" dur.ges="8"/>
<rest vo="4" xml:id="d1e497" dur="8" dur.ges="4"/>
<note xml:id="d1e648" pname="e" oct="5" dur="8" dur.ges="4"
stem.dir="up" accid.ges="f"/>
</layer>
<staff n="2">
<layer n="1">
<beam>
<note xml:id="d1e715" pname="e" oct="3" dur="8" dur.ges="4"
stem.dir="down" accid.ges="f"/>
<note xml:id="d1e737" pname="d" oct="3" dur="8" dur.ges="4"
stem.dir="down"/>
</beam>
</layer>
</staff>
<slur tstamp="0m+1.5" place="above" startid="d1e715"
endid="d1e737" staff="2"/>
<dynam tstamp="2.5" place="above" staff="1" vo="1" ho="-1">p</dynam>
<dir staff="1" place="above" tstamp="2.5" vo="5" ho="-1">
<rend fontstyle="ital">m.g.</rend>
</dir>
</measure>
<measure n="2" xml:id="d1e762">
<staff n="1">
<layer n="2">
<beam>
<chord xml:id="d89e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e789" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e812" pname="a" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d95e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e832" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e855" pname="a" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d102e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e898" pname="b" oct="3" accid.ges="f"/>
<note xml:id="d1e921" pname="a" oct="3" accid.ges="f"/>
</chord>
</beam>
</layer>
</staff>

```

layer-lhrh3 (p2)



```

</chord>
<chord xml:id="d108e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e941" pname="b" oct="-3" accid.ges="f"/>
<note xml:id="d1e965" pname="a" oct="-3" accid.ges="f"/>
</chord>
</beam>
<beam>
<chord xml:id="d114e1" dur="16" dur.ges="2" stem.dir="up"
stem.len="4">
<note xml:id="d1e985" pname="b" oct="-3" accid.ges="f"/>
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dur.ges="1" stem.dir="up"/>
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endid="d1e1588" staff="2"/>
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<dynam tstamp="2.5" place="above" staff="1" vo="1" ho="-1">p</dynam>
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stem.dir="up"/>
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stem.dir="up" accid.ges="f"/>
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<beam>
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<note xml:id="d1e1917" pname="g" oct="3"/>
<note xml:id="d1e1935" pname="f" oct="3"/>
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<chord xml:id="d237e1" dur="16" dur.ges="2" stem.dir="up">
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<note xml:id="d1e2109" pname="e" oct="3" accid.ges="f"/>
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endid="d1e1869" staff="1"/>
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</score>
</div>
</body>
</music>
</mei>
</chord>

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layer-lhrh4

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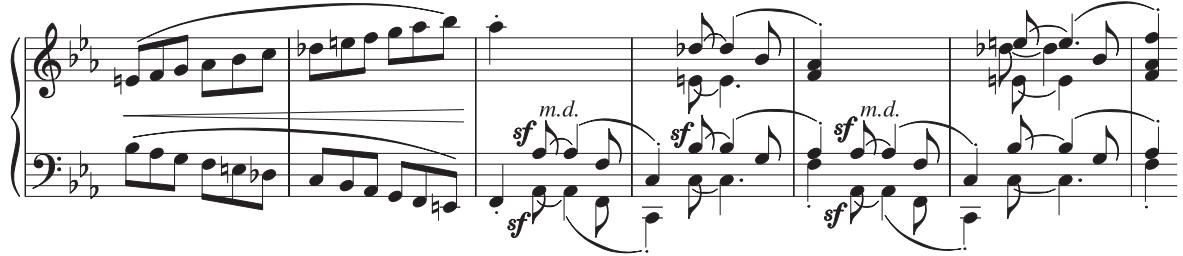
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<?oxygen RNGSchema=".:/mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
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</filedesc>
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2.2.1).</p>
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</change>
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<staffdef n="2" lines="5" clef.line="4" clef.shape="F"
midi.div="2" key.sig="2f"/>
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</scoredef>
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<beam>
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<note xml:id="d1e73" pname="e" oct="5" accid.ges="f"/>
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<note xml:id="d1e1184" pname="b" oct="3" dur="4" dur.ges="2"
stem.dir="down" accid.ges="f"/>
<rest xml:id="d1e1203" dur="8" dur.ges="1"/>
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<slur tstamp="1" dur="0m+2" place="above" startid="d1e753"
endid="d1e791" staff="1"/>
<dynam staff="1" tstamp="6" place="below">cresc.</dynam>
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<measure n="3" xml:id="d1e1214">
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<beam>
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<note xml:id="d1e1334" pname="g" oct="4"/>
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<note xml:id="d1e1414" pname="g" oct="4"/>
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<rest xml:id="d1e1432" dur="8" dur.ges="1"/>
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</chord>
</beam>
</layer>

```

layer-Ihrh4 (n²)

A musical score for piano, featuring two staves. The top staff is in treble clef and the bottom staff is in bass clef. Both staves have a key signature of one flat. The music consists of a series of eighth-note chords and eighth-note patterns. A dynamic marking "cresc." is placed above the bass staff around measure 10.

layer-lhrh5

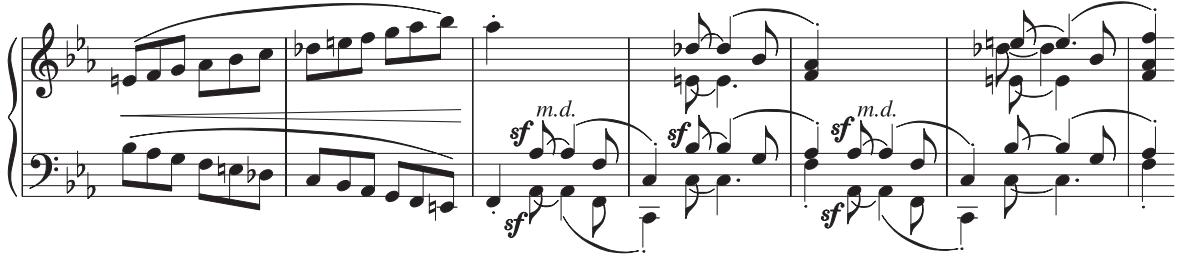


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2.2.1).</p>
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<changedesc>
<p>hand-edited</p>
</changedesc>
<date>2009-11-15</date>
</change>
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midi.div="2" key.sig="3f"/>
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midi.div="2" key.sig="3f"/>
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accid.ges="f"/>
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tie="t" stem.dir="up" accid.ges="f"/>
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stem.dir="down"/>
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tie="i" stem.dir="down"/>
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dur.ges="3" tie="t" stem.dir="down"/>
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<space xml:id="d96e9a1544" dur="4" dur.ges="2"/>
<note xml:id="d1e795" pname="d" oct="5" dur="8" dur.ges="1"
tie="i" stem.dir="up" accid.ges="f"/>
<accid value="f"/>
</note>
<note xml:id="d1e844" pname="d" oct="5" dur="4" dur.ges="2"
tie="t" stem.dir="up" accid.ges="f"/>
<note pname="b" oct="4" dur="8" dur.ges="1" stem.dir="up"
accid.ges="f"/>
</beam>
<beam>
<note xml:id="d1e821" pname="e" oct="4" dur="4" dots="1"
dur.ges="3" tie="t" stem.dir="down"/>
</beam>
</layer>
<staff n="2">
<layer n="1">
<note xml:id="d1e910" pname="c" oct="3" dur="4" dur.ges="2"
stem.dir="up"/>
<artic value="stacc"/>
</note>
<note xml:id="d1e928" pname="b" oct="3" dur="8" dur.ges="1"
tie="i" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e994" pname="b" oct="3" dur="4" dur.ges="2"
tie="t" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e1016" pname="g" oct="3" dur="8" dur.ges="1"
stem.dir="up"/>
</beam>
<beam>
<note xml:id="d1e888" pname="c" oct="2" dur="4" dur.ges="2"
stem.dir="down"/>
<artic value="stacc"/>
</note>
<note xml:id="d1e952" pname="c" oct="3" dur="8" dur.ges="1"
tie="i" stem.dir="down"/>
<note xml:id="d1e971" pname="c" oct="3" dur="4" dots="1"
dur.ges="3" tie="t" stem.dir="down"/>
</beam>
</layer>
</staff>
<staff n="1">
<layer n="2">
<beam>
<note xml:id="d96e9a1544" dur="4" dur.ges="2"/>
<note xml:id="d1e795" pname="d" oct="5" dur="8" dur.ges="1"
tie="i" stem.dir="up" accid.ges="f"/>
<accid value="f"/>
</note>
<note xml:id="d1e844" pname="d" oct="5" dur="4" dur.ges="2"
tie="t" stem.dir="up" accid.ges="f"/>
<note pname="b" oct="4" dur="8" dur.ges="1" stem.dir="up"
accid.ges="f"/>
</beam>
<beam>
<note xml:id="d1e821" pname="e" oct="4" dur="4" dots="1"
dur.ges="3" tie="t" stem.dir="down"/>
</beam>
</layer>
</staff>
<staff n="2">
<layer n="1">
<note xml:id="d1e910" pname="c" oct="3" dur="4" dur.ges="2"
stem.dir="up"/>
<artic value="stacc"/>
</note>
<note xml:id="d1e928" pname="b" oct="3" dur="8" dur.ges="1"
tie="i" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e994" pname="b" oct="3" dur="4" dur.ges="2"
tie="t" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e1016" pname="g" oct="3" dur="8" dur.ges="1"
stem.dir="up"/>
</beam>
<beam>
<note xml:id="d1e888" pname="c" oct="2" dur="4" dur.ges="2"
stem.dir="down"/>
<artic value="stacc"/>
</note>
<note xml:id="d1e952" pname="c" oct="3" dur="8" dur.ges="1"
tie="i" stem.dir="down"/>
<note xml:id="d1e971" pname="c" oct="3" dur="4" dots="1"
dur.ges="3" tie="t" stem.dir="down"/>
</beam>
</layer>
</staff>
<dynam tstamp="2" place="above" staff="2">sf</dynam>
<slur tstamp="4" dur="1m+1" place="above" startid="d1e844"
endid="d1e1041" staff="1"/>
<slur tstamp="4" dur="1m+1" place="above" startid="d1e994"
endid="d1e1125" staff="2"/>
</measure>
<measure n="5" xml:id="d1e1033">
<staff n="1">
<layer n="1">
<chord xml:id="d99e1" dur="4" dur.ges="2" stem.dir="up">
<artic value="stacc"/>
<note xml:id="d1e1041" pname="a" oct="4" accid.ges="f"/>
<note xml:id="d1e1061" pname="f" oct="4"/>
</chord>
<space xml:id="d1e1079" dur="8" dur.ges="1"/>
<space xml:id="d1e1090" dur="4" dots="1" dur.ges="3"/>
</layer>
</staff>
<staff n="2">
<layer n="1">
<note xml:id="d1e1125" pname="a" oct="3" dur="4" dur.ges="2"
stem.dir="up" accid.ges="f"/>
<artic value="stacc"/>
</note>
<note xml:id="d1e1151" pname="a" oct="3" dur="8" dur.ges="1"
tie="i" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e1222" pname="a" oct="3" dur="4" dur.ges="2"
tie="i" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e1244" pname="a" oct="3" dur="8" dur.ges="1"
stem.dir="up"/>
</layer>
</staff>
<staff n="1">
<layer n="2">
<beam>
<note xml:id="d1e1125" pname="a" oct="3" dur="4" dur.ges="2"
stem.dir="up" accid.ges="f"/>
<artic value="stacc"/>
</note>
<note xml:id="d1e1151" pname="a" oct="3" dur="8" dur.ges="1"
tie="i" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e1222" pname="a" oct="3" dur="4" dur.ges="2"
tie="i" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e1244" pname="a" oct="3" dur="8" dur.ges="1"
stem.dir="up"/>
</beam>
</layer>
</staff>

```

layer-Ihrh5 (p2)



```

<layer n="2">
<note xml:id="d1e1105" pname="f" oct="3" dur="4" dur.ges="2"
      stem.dir="down">
<artic value="stacc"/>
</note>
<note xml:id="d1e1176" pname="a" oct="2" dur="8" dur.ges="1"
      tie="i" stem.dir="down" accid.ges="f"/>
<note xml:id="d1e1197" pname="a" oct="2" dur="4" dur.ges="2"
      tie="t" stem.dir="down" accid.ges="f"/>
<note xml:id="d1e1264" pname="f" oct="2" dur="8" dur.ges="1"
      stem.dir="down"/>
</layer>
</staff>
<dynam tstamp="2" place="above" staff="2">sf</dynam>
<dynam tstamp="2" place="below" staff="2">sf</dynam>
<dir staff="2" place="above" tstamp="3">
  <rend fontstyle="ital">m.d.</rend>
</dir>
<slur tstamp="4" dur="1m+1" place="above" startid="d1e1197"
  endid="d1e1463" staff="2"/>
<slur tstamp="4" dur="1m+1" place="below" startid="d1e1222"
  endid="d1e1442" staff="2"/>
</measure>
<measure n="6" xml:id="d1e1281">
<staff n="1">
<layer n="1">
  <space xml:id="d152e7a1544" dur="4" dur.ges="2"/>
  <note xml:id="d1e1329" pname="e" oct="5" dur="8" dur.ges="1"
    tie="i" stem.dir="up">
    <accid value="n"/>
  </note>
  <note xml:id="d1e1372" pname="e" oct="5" dur="4" dots="1"
    dur.ges="3" tie="t" stem.dir="up"/>
</layer>
<layer n="2">
  <space xml:id="d1e1302" dur="4" dur.ges="2"/>
  <note xml:id="d1e1283" pname="d" oct="5" dur="8" dur.ges="1"
    tie="i" stem.dir="down" ho="-3">
    <accid value="f"/>
  </note>
  <note xml:id="d1e1353" pname="d" oct="5" dur="4" dur.ges="2"
    tie="t" stem.dir="down"/>
  <note xml:id="d1e1420" pname="b" oct="4" dur="8" dur.ges="1"
    stem.dir="up" accid.ges="f"/>
</layer>
<layer n="3">
  <space xml:id="d152e12a1544" dur="4" dur.ges="2"/>
  <note xml:id="d1e1305" pname="e" oct="4" dur="8" dur.ges="1"
    tie="i" stem.dir="down" ho="-1">
    <accid value="n"/>
  </note>
  <note xml:id="d1e1396" pname="e" oct="4" dur="4" dur.ges="3"
    tie="t" stem.dir="down" ho="1.25"/>
</layer>
</staff>
<staff n="2">
<layer n="1">
  <note xml:id="d1e1442" pname="c" oct="3" dur="4" dur.ges="2"
    stem.dir="up">
    <artic value="stacc"/>
  </note>
  <note xml:id="d1e1503" pname="b" oct="3" dur="8" dur.ges="1"
    tie="i" stem.dir="up" accid.ges="f"/>
  <note xml:id="d1e1524" pname="b" oct="3" dur="4" dur.ges="2"
    stem.dir="up"/>
  <note xml:id="d1e1573" pname="g" oct="3" dur="8" dur.ges="1"
    stem.dir="up"/>
</layer>
<layer n="2">
  <note xml:id="d1e1463" pname="c" oct="2" dur="4" dur.ges="2"
    stem.dir="down">
    <artic value="stacc"/>
  </note>
  <note xml:id="d1e1481" pname="c" oct="3" dur="8" dur.ges="1"
    tie="i" stem.dir="down"/>
  <note xml:id="d1e1549" pname="c" oct="3" dur="4" dots="1"
    dur.ges="3" tie="t" stem.dir="down"/>
</layer>
<staff>
<slur tstamp="4" dur="1m+1" place="above" startid="d1e1372"
  endid="d1e1592" staff="1"/>
<slur tstamp="4" dur="1m+1" place="above" startid="d1e1524"
  endid="d1e1651" staff="2"/>
</measure>
<measure n="7" xml:id="d1e1590" right="invis">
<staff n="1">
<layer n="1">
  <chord xml:id="d155e1" dur="4" dur.ges="2" stem.dir="up">
    <artic value="stacc"/>
    <note xml:id="d1e1592" pname="f" oct="5"/>
    <note xml:id="d1e1610" pname="a" oct="4" accid.ges="f"/>
    <note xml:id="d1e1630" pname="f" oct="4"/>
  </chord>
</layer>
</staff>
<staff n="2">
<layer n="1">
  <note xml:id="d1e1651" pname="a" oct="3" dur="4" dur.ges="2"
    stem.dir="up" accid.ges="f">
    <artic value="stacc"/>
  </note>
</layer>
</staff>
<staff n="3">
<layer n="2">
  <note xml:id="d1e1674" pname="f" oct="3" dur="4" dur.ges="2"
    stem.dir="down">
    <artic value="stacc"/>
  </note>
</layer>
</staff>
</measure>
</section>
</score>
</mdiv>
</body>
</music>
</mei>

```

layer-x3staff

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
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<?oxygent RNGSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng" type="mei"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
</filedesc>
<filedesc>
<titlestmt>
<title>
</title>
</titlestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-06</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
<revisiondesc>
<change>
<respsmt>
<name>Perry Roland</name>
</respsmt>
<changedesc>
<p>hand-edited</p>
</changedesc>
<date>2009-11-15</date>
</change>
</revisiondesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoreddef meter.count="2" meter.unit="4" key.sig="4f"
meter.render="invis">
<staffgrp xmid="P1" symbol="brace" label.full="Part_1">
<staffdef n="1" lines="5" clef.line="2" clef.shape="G"
midi.div="8" key.sig="4f"/>
<staffdef n="2" lines="5" clef.line="2" clef.shape="G"
midi.div="8" key.sig="4f"/>
</staffgrp>
</scoreddef>
<section>
<measure n="1" xml:id="d1e12">
<staff n="1">
<layer n="1">
<beam>
<note xml:id="d1e41" grace="unacc" pname="b" oct="4"
dur="32" dur.ges="0" stem.dir="up">
<accid value="n"/>
</note>
<note xml:id="d1e65" grace="unacc" pname="c" oct="5"
dur="32" dur.ges="0" stem.dir="up"/>
<note xml:id="d1e87" grace="unacc" pname="d" oct="5"
dur="32" dur.ges="0" stem.dir="up">
<accid value="n"/>
</note>
<note>
<note xml:id="d1e111" pname="c" oct="5" dur="32" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e134" pname="b" oct="4" dur="32" dur.ges="1"
stem.dir="down" accid.ges="f">
<accid value="f"/>
</note>
<note xml:id="d1e161" pname="g" oct="5" dur="16" dur.ges="2"
tie="l" stem.dir="down"/>
</beam>
<beam>
<note xml:id="d1e184" pname="g" oct="5" dur="16" dur.ges="2"
tie="t" stem.dir="down"/>
<note xml:id="d1e208" pname="f" oct="5" dur="32" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e231" pname="e" oct="5" dur="32" dur.ges="1"
stem.dir="down" accid.ges="f"/>
</beam>
<beam>
<note xml:id="d1e256" pname="d" oct="5" dur="32" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e280" pname="c" oct="5" dur="32" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e303" pname="b" oct="4" dur="32" dur.ges="1"
stem.dir="down" accid.ges="f"/>
<note xml:id="d1e328" pname="a" oct="4" dur="32" dur.ges="1"
stem.dir="down">
<accid value="n"/>
</note>
<note xml:id="d1e353" pname="c" oct="5" dur="32" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e376" pname="b" oct="4" dur="32" dur.ges="1"
stem.dir="down" accid.ges="f"/>
<note xml:id="d1e401" pname="a" oct="4" dur="32" dur.ges="1"
stem.dir="down" accid.ges="f">
<accid value="f"/>
</note>
<note xml:id="d1e428" pname="f" oct="4" dur="32" dur.ges="1"
stem.dir="down"/>

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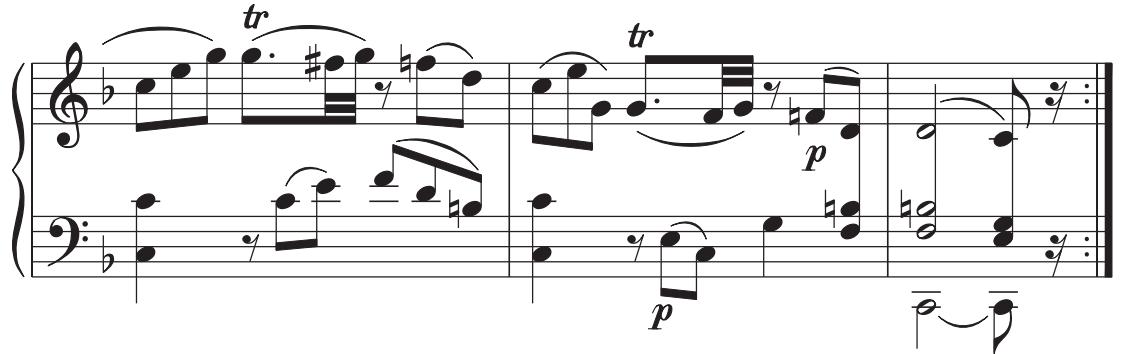
xml"?>

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</beam>
</layer>
<staff n="2">
<layer n="1">
<rest xml:id="d1e455" dur="16" dur.ges="2"/>
<beam>
<chord xml:id="d25e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e466" pname="g" oct="4"/>
<note xml:id="d1e487" pname="e" oct="4" accid.ges="f"/>
<note xml:id="d1e508" pname="b" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d32e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e528" pname="g" oct="4"/>
<note xml:id="d1e549" pname="e" oct="4" accid.ges="f"/>
<note xml:id="d1e569" pname="b" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d39e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e589" pname="g" oct="4"/>
<note xml:id="d1e610" pname="e" oct="4" accid.ges="f"/>
<note xml:id="d1e630" pname="b" oct="3" accid.ges="f"/>
</chord>
</beam>
<clef change shape="F" line="4"/>
<rest xml:id="d1e658" dur="16" dur.ges="2"/>
<beam>
<chord xml:id="d46e1" dur="16" dur.ges="2" stem.dir="down">
<note xml:id="d1e672" pname="a" oct="3" accid.ges="f"/>
<note xml:id="d1e696" pname="d" oct="3">
<accid value="n"/>
</note>
<note xml:id="d1e716" pname="b" oct="2" accid.ges="f"/>
</chord>
<chord xml:id="d53e1" dur="16" dur.ges="2" stem.dir="down">
<note xml:id="d1e736" pname="a" oct="3" accid.ges="f"/>
<note xml:id="d1e759" pname="d" oct="3"/>
<note xml:id="d1e777" pname="b" oct="2" accid.ges="f"/>
</chord>
<chord xml:id="d60e1" dur="16" dur.ges="2" stem.dir="down">
<note xml:id="d1e797" pname="a" oct="3" accid.ges="f"/>
<note xml:id="d1e820" pname="d" oct="3"/>
<note xml:id="d1e838" pname="b" oct="2" accid.ges="f"/>
</chord>
</beam>
</layer>
</staff>
<slur tstamp="1" dur="0m+1.125" place="above" startid="d1e111" endid="d1e134" staff="1"/>
<slur staff="1" startid="d1e41" endid="d1e87" place="below" bulge="1"/>
<slur tstamp="1.5" dur="0m+2.875" place="above" startid="d1e184" endid="d1e428" staff="1"/>
</measure>
<measure n="2" xml:id="d1e858">
<staff n="1">
<layer n="1">
<note xml:id="d1e860" pname="e" oct="4" dur="8" dur.ges="4" stem.dir="up" accid.ges="f"/>
<rest xml:id="d1e879" dur="16" dur.ges="2"/>
<space xml:id="d1e896" dur="16" dur.ges="2"/>
<space xml:id="d1e907" dur="4" dur.ges="8"/>
</layer>
</staff>
<staff n="2">
<layer n="1">
<space xml:id="d1e921" dur="8" dots="1" dur.ges="6"/>
<note xml:id="d1e992" pname="b" oct="3" dur="16" dur.ges="2" stem.dir="up" accid.ges="f"/>
<beam>
<note xml:id="d1e1030" pname="g" oct="3" dur="16" dur.ges="2" stem.dir="up"/>
<note xml:id="d1e1051" pname="b" oct="3" dur="16" dur.ges="2" stem.dir="up" accid.ges="f"/>
<note xml:id="d1e1074" pname="g" oct="3" dur="16" dur.ges="2" stem.dir="up"/>
<note xml:id="d1e1095" pname="e" oct="3" dur="16" dur.ges="2" stem.dir="up" accid.ges="f"/>
</beam>
</layer>
<layer n="2">
<chord xml:id="d78e1" dur="8" dur.ges="4" stem.dir="down">
<note xml:id="d1e940" pname="g" oct="3"/>
<note xml:id="d1e957" pname="e" oct="3" accid.ges="f"/>
</chord>
<rest xml:id="d1e977" dur="8" dur.ges="4"/>
<rest vo="-2" xml:id="d1e1012" dur="4" dur.ges="8"/>
</layer>
</staff>
<dir tstamp="1.75" place="above" staff="2">
<rend fontstyle="ital">m.d.</rend>
</dir>
<slur tstamp="1.75" dur="0m+2.75" place="above" startid="d1e992" endid="d1e1095" staff="2"/>
</measure>
<measure n="3" xml:id="d1e1119">
<staff n="1">
<layer n="1">

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layer-xchord

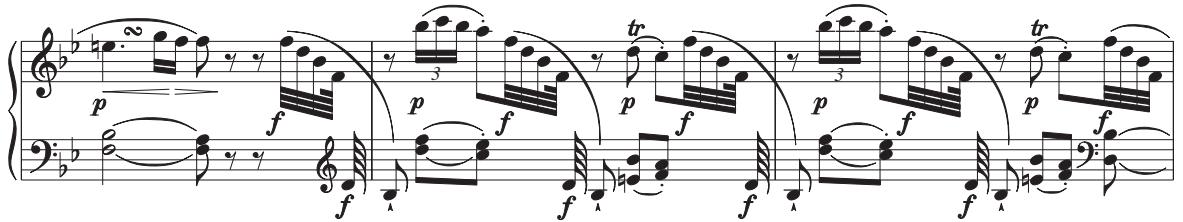


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<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
<filedesc>
<titlestmt>
<title/>
</titlestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcribed from a MusicXML version 1.0 file on
<date>2009-11-06</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
<revisiondesc>
<change>
<respmnt>
<name>Perry Roland</name>
</respmnt>
<changedesc>
<p>hand-edited</p>
</changedesc>
<date>2009-11-17</date>
</change>
</revisiondesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoredef meter.count="3" meter.unit="4" key.sig="1f"
meter.render="invis">
<staffgrp xml:id="P1" symbol="brace" label.full="Part_1"
barthru="true">
<staffdef n="1" lines="5" clef.line="2" clef.shape="G"
midi.div="24" key.sig="1f"/>
<staffdef n="2" lines="5" clef.line="4" clef.shape="F"
midi.div="24" key.sig="1f"/>
</staffgrp>
</scoredef>
<section>
<measure n="1" xml:id="d1e12">
<staff n="1">
<layer n="1">
<beam>
<note xml:id="d1e41" pname="c" oct="5" dur="8" dur.ges="8"
tuplet="i1" stem.dir="down"/>
<note xml:id="d1e66" pname="e" oct="5" dur="8" dur.ges="8"
tuplet="m1" stem.dir="down"/>
<note xml:id="d1e90" pname="g" oct="5" dur="8" dur.ges="8"
tuplet="t1" stem.dir="down"/>
</beam>
<beam>
<note xml:id="d1e121" pname="g" oct="5" dur="8" dots="1"
dur.ges="18" stem.dir="down"/>
<note xml:id="d1e142" pname="f" oct="5" dur="32" dur.ges="3"
stem.dir="down" accid.ges="s"/>
<accid value="s"/>
</note>
<note xml:id="d1e169" pname="g" oct="5" dur="32" dur.ges="3"
stem.dir="down"/>
</beam>
<rest xml:id="d1e193" dur="8" dur.ges="8" tuplet="i1"/>
<beam>
<note xml:id="d1e210" pname="f" oct="5" dur="8" dur.ges="8"
tuplet="m1" stem.dir="down"/>
<accid value="n"/>
</note>
<note xml:id="d1e237" pname="d" oct="5" dur="8" dur.ges="8"
tuplet="t1" stem.dir="down"/>
</beam>
</layer>
<staff n="2">
<layer n="1">
<chord xml:id="d1e1" dur="4" dur.ges="24" stem.dir="down">
<note xml:id="d1e267" pname="c" oct="4"/>
<note xml:id="d1e284" pname="c" oct="3"/>
</chord>
<rest xml:id="d1e302" dur="8" dur.ges="8" tuplet="i1"/>
<beam>
<note xml:id="d1e319" pname="c" oct="4" dur="8" dur.ges="8"
tuplet="m1" stem.dir="down"/>
<note xml:id="d1e344" pname="e" oct="4" dur="8" dur.ges="8"
tuplet="t1" stem.dir="down"/>
</beam>
<beam>
<note xml:id="d1e370" pname="f" oct="4" dur="8" dur.ges="8"
tuplet="i1" stem.dir="up"/>
<note xml:id="d1e396" pname="d" oct="4" dur="8" dur.ges="8"
tuplet="m1" stem.dir="up"/>
<note xml:id="d1e420" pname="b" oct="3" dur="8" dur.ges="8"
tuplet="t1" stem.dir="up"/>
<accid value="n"/>
</note>
</beam>
</layer>
<staff>
<tripletspan staff="1" startid="d1e41" endid="d1e90" num="3"
numbase="2" num.visible="false"
num.format="count"/>
<tripletspan staff="1" startid="d1e193" endid="d1e237" num="3"
numbase="2" num.visible="false"
num.format="count"/>
<tripletspan staff="2" startid="d1e302" endid="d1e344" num="3"
numbase="2" num.visible="false"
num.format="count"/>
<tripletspan staff="2" startid="d1e370" endid="d1e420" num="3"
numbase="2" num.visible="false"
num.format="count"/>
<trill staff="1" tstamp="2" place="above" startid="d1e121"/>
<slur tstamp="2" dur="0m+2.875" place="above" startid="d1e121"
endid="d1e169" staff="1"/>
<slur tstamp="3.333" dur="0m+3.667" place="above" startid="d1e210"
endid="d1e237" staff="1"/>
<slur tstamp="2.333" dur="0m+2.667" place="above" startid="d1e319"
endid="d1e344" staff="2"/>
<slur tstamp="3" dur="0m+3.667" place="above" startid="d1e370"
endid="d1e420" staff="2"/>
<trill staff="1" tstamp="2" place="above" startid="d1e121"/>
<slur tstamp="2" dur="0m+2.875" place="below" startid="d1e526"
endid="d1e572" staff="1"/>
<trill tstamp="2" place="above" startid="d1e526"/>
<dynam tstamp="2.333" place="below" staff="2">p</dynam>
<slur tstamp="2.333" dur="0m+2.667" place="above" startid="d1e730"
endid="d1e755" staff="2"/>
<dynam tstamp="3.333" place="below" staff="1">p</dynam>
<slur tstamp="3.333" dur="0m+3.667" place="above" startid="d1e619"
endid="d1e644" staff="1"/>
</measure>
<measure n="3" xml:id="d1e872" right="rptend">
<staff n="1">
<layer n="1">
<beam>
<chord xml:id="d84e1" dur="2" dur.ges="48" stem.dir="up">
<note xml:id="d1e874" pname="d" oct="4"/>
<note xml:id="d1e924" pname="b" oct="3" staff="2"/>
<accid value="n"/>
</note>
<note xml:id="d1e943" pname="f" oct="3" staff="2"/>
</chord>
<chord xml:id="d91e1" dur="8" dur.ges="12" stem.dir="up">
<note xml:id="d1e892" pname="c" oct="4"/>
<note xml:id="d1e983" pname="g" oct="3" staff="2"/>
<note xml:id="d1e1000" pname="e" oct="3" staff="2"/>
</chord>
<rest xml:id="d1e910" dur="16" dur.ges="12"/>
</layer>
<staff>
<staff n="2">
<layer n="1">
<space dur="2"/>
<space dur="8"/>
<rest vo="2" xml:id="d1e1041" dur="16" dur.ges="12"/>
</layer>
<layer n="2">
<note xml:id="d1e964" pname="c" oct="2" dur="2" dur.ges="48"
tie="i" stem.dir="down"/>
<note xml:id="d1e1022" pname="c" oct="2" dur="8" dur.ges="12"
tie="t" stem.dir="down"/>
</layer>
<staff>
<rest xml:id="d1e892" staff="1"/>
</measure>
</section>
</score>
</mdiv>
</body>
</music>
</mei>

```

layer-xstaff



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="./.mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="./.mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
  <meihead>
    <filedesc>
      <titlestmt>
        <title/>
      </titlestmt>
      <pubstmt/>
    </filedesc>
    <encodingdesc>
      <projectdesc>
        <p>Transcoded from a MusicXML version 1.0 file on
          <date>2009-11-06</date> using an XSLT stylesheet (2mei v.
          2.2.1).</p>
        <p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
      </projectdesc>
    </encodingdesc>
  </meihead>
  <music>
    <body>
      <mdiv>
        <scoredef meter.count="4" meter.unit="4" key.sig="2f"
          meter.render="invis">
          <staffgrp xml:id="P1" symbol="brace" label.full="Part_1">
            <staffdef n="1" lines="5" clef.line="2" clef.shape="G"
              midi.div="48" key.sig="2f"/>
            <staffdef n="2" lines="5" clef.line="4" clef.shape="F"
              midi.div="48" key.sig="2f"/>
          </staffgrp>
        </scoredef>
        <section>
          <measure n="1" xml:id="d1e12">
            <staff n="1">
              <layer n="1">
                <note xml:id="d1e49" pname="e" oct="5" dur="4" dots="1"
                  dur.ges="72" stem.dir="down">
                  <accid value="n"/>
                </note>
                <beam>
                  <note xml:id="d1e70" pname="g" oct="5" dur="16" dur.ges="12"
                    stem.dir="down"/>
                  <note xml:id="d1e101" pname="f" oct="5" dur="16"
                    dur.ges="12" stem.dir="down"/>
                </beam>
                <note xml:id="d1e122" pname="f" oct="5" dur="8" dur.ges="24"
                  stem.dir="down"/>
                <rest xml:id="d1e145" dur="8" dur.ges="24"/>
                <rest xml:id="d1e156" dur="8" dur.ges="24"/>
                <beam>
                  <note xml:id="d1e174" pname="f" oct="5" dur="32" dur.ges="6"
                    stem.dir="down"/>
                  <note xml:id="d1e197" pname="d" oct="5" dur="32" dur.ges="6"
                    stem.dir="down"/>
                  <note xml:id="d1e220" pname="b" oct="4" dur="32" dur.ges="6"
                    stem.dir="down" accid.ges="f"/>
                  <note xml:id="d1e245" pname="f" oct="4" dur="64" dur.ges="3"
                    stem.dir="down"/>
                </beam>
                <space xml:id="d1e270" dur="64" dur.ges="3"/>
              </layer>
            </staff>
            <staff n="2">
              <layer n="1">
                <chord xml:id="d1e161" dur="2" dur.ges="96" stem.dir="down">
                  <note xml:id="d1e284" pname="b" oct="3" accid.ges="f"/>
                  <note xml:id="d1e304" pname="f" oct="3" tie="i"/>
                </chord>
                <chord xml:id="d22e1" dur="8" dur.ges="24" stem.dir="down">
                  <note xml:id="d1e324" pname="a" oct="3"/>
                  <note xml:id="d1e342" pname="f" oct="3" tie="t"/>
                </chord>
                <rest xml:id="d1e363" dur="8" dur.ges="24"/>
                <rest xml:id="d1e374" dur="8" dur.ges="24"/>
                <space xml:id="d1e385" dur="16" dur.ges="12"/>
                <space xml:id="d1e396" dur="32" dur.ges="6"/>
                <space xml:id="d1e407" dur="64" dur.ges="3"/>
                <clefchange shape="G" line="2"/>
                <note xml:id="d1e432" pname="d" oct="4" dur="64" dur.ges="3"
                  stem.dir="up"/>
              </layer>
            </staff>
            <slur tstamp="0.5" dur="0m+3" place="above" startid="d1e49"
              endid="d1e122" staff="1"/>
            <dynam tstamp="1" place="below" staff="1">p</dynam>
            <hairpin tstamp="1" dur="0m+2.75" form="cres" place="below"
              staff="1"/>
            <slur tstamp="1" dur="0m+3" place="above" startid="d1e284"

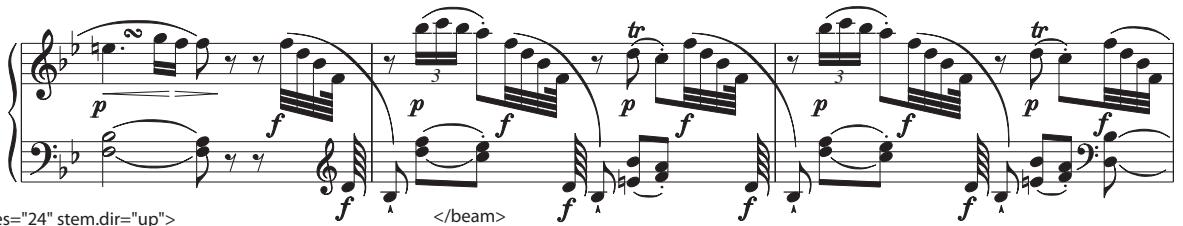
```

```

              endid="d1e324" staff="2"/>
            <slur tstamp="4.5" dur="1m+1" place="above" startid="d1e174"
              endid="d1e865" staff="1 2"/>
            <turn staff="1" tstamp="1.5" place="above"/>
            <hairpin tstamp="2.75" dur="0m+3.5" form="dim" place="below"
              staff="1"/>
            <dynam tstamp="4.5" place="below" staff="1">f</dynam>
            <dynam tstamp="4.938" place="below" staff="2">f</dynam>
          </measure>
          <measure n="2" xml:id="d1e449">
            <staff n="1">
              <layer n="1">
                <rest xml:id="d1e451" dur="8" dur.ges="24"/>
                <beam>
                  <note xml:id="d1e468" pname="b" oct="5" dur="16" dur.ges="8"
                    tuplet="11" stem.dir="down" accid.ges="f"/>
                  <note xml:id="d1e498" pname="c" oct="6" dur="16" dur.ges="8"
                    tuplet="m1" stem.dir="down"/>
                  <note xml:id="d1e524" pname="b" oct="5" dur="16" dur.ges="8"
                    tuplet="t1" stem.dir="down" accid.ges="f"/>
                </beam>
                <beam>
                  <note xml:id="d1e553" pname="a" oct="5" dur="8" dur.ges="24"
                    stem.dir="down">
                    <artic value="stacc"/>
                  </note>
                  <note xml:id="d1e581" pname="f" oct="5" dur="32" dur.ges="6"
                    stem.dir="down"/>
                  <note xml:id="d1e604" pname="d" oct="5" dur="32" dur.ges="6"
                    stem.dir="down"/>
                  <note xml:id="d1e627" pname="b" oct="4" dur="32" dur.ges="6"
                    stem.dir="down" accid.ges="f"/>
                  <note xml:id="d1e652" pname="f" oct="4" dur="64" dur.ges="3"
                    stem.dir="down"/>
                </beam>
                <space xml:id="d1e678" dur="64" dur.ges="3"/>
                <rest xml:id="d1e689" dur="8" dur.ges="24"/>
                <note xml:id="d1e706" pname="d" oct="5" dur="8" dur.ges="24"
                  stem.dir="down"/>
                <beam>
                  <note xml:id="d1e726" pname="c" oct="5" dur="8" dur.ges="24"
                    stem.dir="down">
                    <artic value="stacc"/>
                  </note>
                  <note xml:id="d1e754" pname="f" oct="5" dur="32" dur.ges="6"
                    stem.dir="down"/>
                  <note xml:id="d1e777" pname="d" oct="5" dur="32" dur.ges="6"
                    stem.dir="down"/>
                  <note xml:id="d1e800" pname="b" oct="4" dur="32" dur.ges="6"
                    stem.dir="down" accid.ges="f"/>
                  <note xml:id="d1e825" pname="f" oct="4" dur="64" dur.ges="3"
                    stem.dir="down"/>
                </beam>
                <space xml:id="d1e850" dur="64" dur.ges="3"/>
              </layer>
            </staff>
            <staff n="2">
              <layer n="1">
                <note xml:id="d1e865" pname="b" oct="3" dur="8" dur.ges="24"
                  stem.dir="up" accid.ges="f"/>
                <artic value="stacciss"/>
              </layer>
              <beam>
                <chord xml:id="d58e1" dur="8" dur.ges="24" stem.dir="down">
                  <note xml:id="d1e886" pname="f" oct="5"/>
                  <note xml:id="d1e906" pname="d" oct="5"/>
                </chord>
                <chord xml:id="d4e1" dur="8" dur.ges="24" stem.dir="down">
                  <artic value="stacc"/>
                  <note xml:id="d1e925" pname="e" oct="5" accid.ges="f"/>
                  <note xml:id="d1e949" pname="c" oct="5"/>
                </chord>
                <beam>
                  <space xml:id="d1e968" dur="16" dur.ges="12"/>
                  <space xml:id="d1e979" dur="32" dur.ges="6"/>
                  <space xml:id="d1e990" dur="64" dur.ges="3"/>
                  <note xml:id="d1e1007" pname="d" oct="4" dur="64" dur.ges="3"
                    stem.dir="up"/>
                  <note xml:id="d1e1025" pname="b" oct="3" dur="8" dur.ges="24"
                    stem.dir="up" accid.ges="f"/>
                  <artic value="stacciss"/>
                </beam>
                <beam>
                  <chord xml:id="d72e1" dur="8" dur.ges="24" stem.dir="up">
                    <note xml:id="d1e1046" pname="b" oct="4" accid.ges="f"/>
                    <note xml:id="d1e1067" pname="e" oct="4"/>
                    <accid value="n"/>
                  </chord>

```

layer-xstaff (p2)

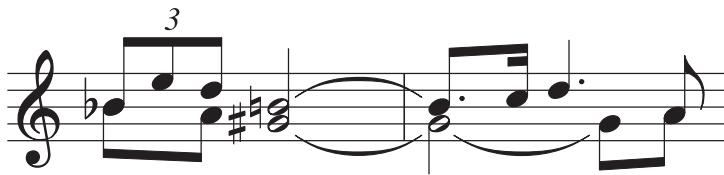


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<chord xml:id="d78e1" dur="8" dur.ges="24" stem.dir="up">
<artic value="stacc"/>
<note xml:id="d1e1088" pname="a" oct="4"/>
<note xml:id="d1e1109" pname="f" oct="4"/>
</chord>
</beam>
<space xml:id="d1e1128" dur="16" dur.ges="12"/>
<space xml:id="d1e1139" dur="32" dur.ges="6"/>
<space xml:id="d1e1150" dur="64" dur.ges="3"/>
<note xml:id="d1e1167" pname="d" oct="4" dur="64" dur.ges="3"
      stem.dir="up"/>
</layer>
</staff>
<tuplespan staff="1" startid="d1e468" endid="d1e524" num="3"
  numbase="2" num.visible="true" num.place="above"
  num.format="count"/>
<dynam tstamp="1.5" place="below" staff="1">p</dynam>
<slur tstamp="1.5" dur="0m+2" place="above" startid="d1e468"
  endid="d1e553" staff="1"/>
<slur tstamp="1.5" dur="0m+2" place="above" startid="d1e886"
  endid="d1e925" staff="2"/>
<slur tstamp="2" dur="0m+2.5" place="below" startid="d1e906"
  endid="d1e949" staff="2"/>
<slur tstamp="2.5" dur="0m+3" place="above" startid="d1e581"
  endid="d1e1025" staff="1 2"/>
<dynam tstamp="2.5" place="below" staff="1">f</dynam>
<dynam tstamp="2.937" place="below" staff="2">f</dynam>
<dynam tstamp="3.5" place="below" staff="1">p</dynam>
<slur tstamp="3.5" dur="0m+4" place="above" startid="d1e706"
  endid="d1e726" staff="1"/>
<slur tstamp="3.5" dur="0m+4" place="below" startid="d1e1067"
  endid="d1e1109" staff="2"/>
<trill tstamp="3.5" place="above" staff="1" startid="d1e706"/>
<slur tstamp="4.5" dur="1m+1" place="above" startid="d1e754"
  endid="d1e1589" staff="1 2"/>
<dynam tstamp="4.5" place="below" staff="1">f</dynam>
<dynam tstamp="4.938" place="below" staff="2">f</dynam>
</measure>
<measure n="3" xml:id="d1e1184">
<staff n="1">
  <layer n="1">
    <rest xml:id="d1e1186" dur="8" dur.ges="24"/>
    <beam>
      <note xml:id="d1e1203" pname="b" oct="5" dur="16"
          dur.ges="8" tuplet="i1" stem.dir="down" accid.ges="f"/>
      <note xml:id="d1e1233" pname="c" oct="6" dur="16"
          dur.ges="8" tuplet="m1" stem.dir="down"/>
      <note xml:id="d1e1259" pname="b" oct="5" dur="16"
          dur.ges="8" tuplet="t1" stem.dir="down" accid.ges="f"/>
    </beam>
    <beam>
      <note xml:id="d1e1288" pname="a" oct="5" dur="8"
          dur.ges="24" stem.dir="down">
        <artic value="stacc"/>
      </note>
      <note xml:id="d1e1316" pname="f" oct="5" dur="32"
          dur.ges="6" stem.dir="down"/>
      <note xml:id="d1e1330" pname="d" oct="5" dur="32"
          dur.ges="6" stem.dir="down"/>
      <note xml:id="d1e1362" pname="b" oct="4" dur="32"
          dur.ges="6" stem.dir="down" accid.ges="f"/>
      <note xml:id="d1e1387" pname="f" oct="4" dur="64"
          dur.ges="3" stem.dir="down"/>
    </beam>
    <space xml:id="d1e1413" dur="64" dur.ges="3"/>
    <rest xml:id="d1e1424" dur="8" dur.ges="24"/>
    <note xml:id="d1e1441" pname="d" oct="5" dur="8" dur.ges="24"
          stem.dir="down"/>
    <beam>
      <note xml:id="d1e1461" pname="c" oct="5" dur="8"
          dur.ges="24" stem.dir="down">
        <artic value="stacc"/>
      </note>
      <note xml:id="d1e1489" pname="f" oct="5" dur="32"
          dur.ges="6" stem.dir="down"/>
      <note xml:id="d1e1513" pname="d" oct="5" dur="32"
          dur.ges="6" stem.dir="down"/>
      <note xml:id="d1e1536" pname="b" oct="4" dur="32"
          dur.ges="6" stem.dir="down" accid.ges="f"/>
      <note xml:id="d1e1561" pname="f" oct="4" dur="32"
          dur.ges="6" stem.dir="down"/>
    </beam>
  </layer>
  </staff>
  <clefchange shape="F" line="4"/>
  <chord xml:id="d144e1" dur="8" dur.ges="24" stem.dir="down">
    <note xml:id="d1e1858" pname="b" oct="3" accid.ges="f"/>
    <note xml:id="d1e1877" pname="d" oct="3"/>
  </chord>
  </layer>
  <tuplespan staff="1" startid="d1e1203" endid="d1e1259" num="3"
    numbase="2" num.visible="true" num.place="above"
    num.format="count"/>
  <dynam tstamp="1.5" place="below" staff="1">p</dynam>
  <slur tstamp="1.5" dur="0m+2" place="above" startid="d1e1203"
    endid="d1e1288" staff="1"/>
  <slur tstamp="1.5" dur="0m+2" place="above" startid="d1e1610"
    endid="d1e1649" staff="2"/>
  <slur tstamp="2" dur="0m+2.5" place="below" startid="d1e1630"
    endid="d1e1671" staff="2"/>
  <slur tstamp="2.5" dur="0m+3" place="above" startid="d1e1316"
    endid="d1e1746" staff="1 2"/>
  <dynam tstamp="2.5" place="below" staff="1">f</dynam>
  <dynam tstamp="2.937" place="below" staff="2">f</dynam>
  <dynam tstamp="3.5" place="below" staff="1">p</dynam>
  <slur tstamp="3.5" dur="0m+4" place="above" startid="d1e1441"
    endid="d1e1461" staff="1"/>
  <slur tstamp="3.5" dur="0m+4" place="below" staff="2"/>
  <trill tstamp="3.5" place="above" staff="1" startid="d1e1441"/>
  <slur tstamp="4.5" dur="0m+4.875" place="above" startid="d1e1489"
    staff="1"/>
  <slur tstamp="4.5" dur="0m+4.875" place="above" startid="d1e1858"
    staff="2"/>
  <slur tstamp="4.5" dur="0m+4.875" place="below" startid="d1e1877"
    staff="2"/>
  <dynam tstamp="4.5" place="below" staff="1">f</dynam>
</measure>
</section>
</score>
</div>
</body>
</music>
</mei>

```

layer-xtie



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="..../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="..../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
<filedesc>
<timestmt>
<title/>
</timestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-06</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoredef meter.count="3" meter.unit="4" key.sig="0"
meter.rnd="invis">
<staffgrp>
<staffdef n="1" xml:id="P1" label.full="Part_1" lines="5"
clef.line="2" clef.shape="G" midi.div="12" key.sig="0"/>
</staffgrp>
</scoredef>
<section>
<!-- In this section the tied chord in the first measure is
split between layers such that the tied G# notes are in the same
layer. Mup can render this encoding using its ~ syntax for tied
notes. --&gt;
&lt;measure n="1" xml:id="d1e12"&gt;
&lt;staff n="1"&gt;
&lt;layer n="1"&gt;
&lt;beam&gt;
&lt;note xml:id="d1e34" pname="b" oct="4" dur="8" dur.ges="4"
tuplet="i1" stem.dir="up" accid.ges="f"/&gt;
&lt;accid value="f"/&gt;
&lt;/note&gt;
&lt;note xml:id="d1e89" pname="e" oct="5" dur="8" dur.ges="4"
tuplet="m1" stem.dir="up"/&gt;
&lt;note xml:id="d1e111" pname="d" oct="5" dur="8" dur.ges="4"
tuplet="t1" stem.dir="up"/&gt;
&lt;/beam&gt;
&lt;note xml:id="d1e163" pname="b" oct="4" dur="2" dur.ges="24"
stem.dir="up" tie="i"&gt;
&lt;accid value="n"/&gt;
&lt;/note&gt;
&lt;/layer&gt;
&lt;layer n="2"&gt;
&lt;beam&gt;
&lt;note xml:id="d1e64" pname="b" oct="4" dur="8" dur.ges="4"
tuplet="i1" stem.dir="down" accid.ges="f"/&gt;
&lt;space xml:id="d1e160" dur="8" dur.ges="4" tuplet="m1"/&gt;
&lt;note xml:id="d1e137" pname="a" oct="4" dur="8" dur.ges="4"
tuplet="t1" stem.dir="down"/&gt;
&lt;/beam&gt;
&lt;note xml:id="d1e182" pname="g" oct="4" accid.ges="s" dur="2"
dur.ges="24" stem.dir="up" tie="i" tie.dir="down" ho="0"&gt;
&lt;accid value="s"/&gt;
&lt;/note&gt;
&lt;/layer&gt;
&lt;/staff&gt;
&lt; tuplets span="1" startid="d1e34" endid="d1e111" num="3"
numbase="2" num.visible="true" num.place="above"
num.format="count" /&gt;
&lt; tuplets span="1" startid="d1e64" endid="d1e137" num="3"
numbase="2" num.visible="false" /&gt;
&lt;/measure&gt;
&lt;measure n="2" xml:id="d1e204"&gt;
&lt;staff n="1"&gt;
&lt;layer n="1"&gt;
&lt;beam&gt;
&lt;note xml:id="d1e230" pname="b" oct="4" dur="8" dots="1"
dur.ges="9" tie="t" stem.dir="up"/&gt;
&lt;note xml:id="d1e250" pname="c" oct="5" dur="16" dur.ges="3"
stem.dir="up"/&gt;
&lt;/beam&gt;
&lt;note xml:id="d1e269" pname="d" oct="5" dur="4" dots="1"
dur.ges="18" stem.dir="up"/&gt;
&lt;note xml:id="d1e329" pname="a" oct="4" dur="8" dur.ges="6"
stem.dir="up"/&gt;
&lt;/layer&gt;
&lt;layer n="2"&gt;
&lt;note xml:id="d1e206" pname="g" oct="4" dur="2" dur.ges="24"
tie="m" stem.dir="down" accid.ges="s"/&gt;
&lt;/beam&gt;
&lt;note xml:id="d1e288" pname="g" oct="4" dur="8" dur.ges="6"
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```

lyrics-syllab

lyrics-syllab (p2)

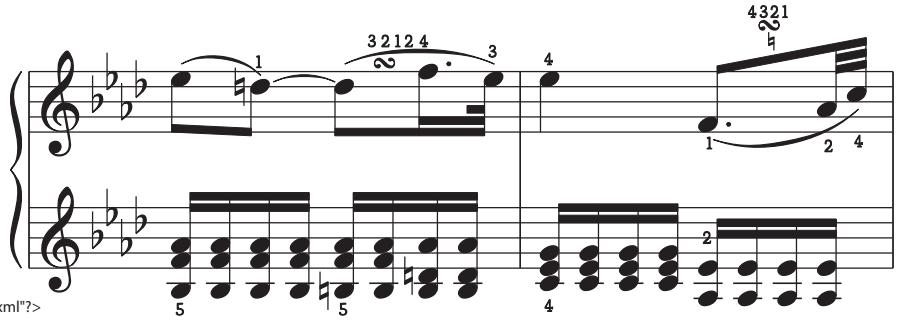
note-caution

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema=".//mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema=".//mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
<filedesc>
<titlestmt>
<title/>
</titlestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-06</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoredef meter.count="2" meter.unit="4" key.sig="3f">
<staffgrp>
<staffdef n="1" xml:id="P1" label.full="Part_1" lines="5"
clef.line="2" clef.shape="G" midi.div="2" key.sig="3f"/>
</staffgrp>
</scoredef>
<section>
<measure n="1" xml:id="d1e12">
<staff n="1">
<layer n="1">
<beam>
<note xml:id="d1e34" pname="g" oct="4" dur="8" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e51" pname="c" oct="5" dur="8" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e68" pname="d" oct="5" dur="8" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e85" pname="e" oct="5" dur="8" dur.ges="1"
stem.dir="down">
<accid value="n"/>
</note>
</beam>
</layer>
</staff>
</measure>
<measure n="2" xml:id="d1e104">
<staff n="1">
<layer n="1">
<beam>
<note xml:id="d1e106" pname="d" oct="5" dur="8" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e123" pname="c" oct="5" dur="8" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e140" pname="d" oct="5" dur="8" dur.ges="1"
stem.dir="down"/>
<note xml:id="d1e157" pname="e" oct="5" dur="8" dur.ges="1"
stem.dir="down" accid.ges="f"/>
<!-- It might be possible to infer the cautionary nature of
the accidental when @value equals @accid.ges. --&gt;
&lt;accid value="f" func="caution"/&gt;
&lt;/note&gt;
&lt;/beam&gt;
&lt;/layer&gt;
&lt;/staff&gt;
&lt;/measure&gt;
&lt;/section&gt;
&lt;/score&gt;
&lt;/mdiv&gt;
&lt;/body&gt;
&lt;/music&gt;
&lt;/mei&gt;
</pre>

```

ornament-fturn



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="..../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="..../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
</filedesc>
<titlestmt>
</title/>
</titlestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
</>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-06</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
</>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
</meihead>
<music>
<mdiv>
<score>
<scoredef meter.count="2" meter.unit="4" key.sig="4f"
meter.render="invis">
<staffgrp xml:id="P1" symbol="brace" label.full="Part_1">
<staffdef n="1" lines="5" clef.line="2" clef.shape="G"
midi.div="8" key.sig="4f"/>
<staffdef n="2" lines="5" clef.line="2" clef.shape="G"
midi.div="8" key.sig="4f"/>
</staffgrp>
</scoredef>
<section>
<measure n="1" xml:id="d1e12">
<staff n="1">
<layer n="1">
<beam>
<note xml:id="d1e41" pname="e" oct="5" dur="8" dur.ges="4"
stem.dir="down" accid.ges="f"/>
<note xml:id="d1e63" pname="d" oct="5" dur="8" dur.ges="4"
tie="i" stem.dir="down" accid="n" accid.ges="n"/>
</beam>
<beam>
<note xml:id="d1e87" pname="d" oct="5" dur="8" dur.ges="4"
tie="t" stem.dir="down" accid.ges="f"/>
<note xml:id="d1e111" pname="f" oct="5" dur="16" dots="1"
dur.ges="3" stem.dir="down"/>
<note xml:id="d1e133" pname="e" oct="5" dur="32" dur.ges="1"
stem.dir="down" accid.ges="f"/>
</beam>
</layer>
</staff>
<staff n="2">
<layer n="1">
<beam>
<chord xml:id="d13e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e162" pname="a" oct="4" accid.ges="f"/>
<note xml:id="d1e185" pname="f" oct="4"/>
<note xml:id="d1e203" pname="b" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d20e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e223" pname="a" oct="4" accid.ges="f"/>
<note xml:id="d1e247" pname="f" oct="4"/>
<note xml:id="d1e265" pname="b" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d27e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e285" pname="a" oct="4" accid.ges="f"/>
<note xml:id="d1e308" pname="f" oct="4"/>
<note xml:id="d1e326" pname="b" oct="3" accid.ges="f"/>
</chord>
<chord xml:id="d34e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e346" pname="a" oct="4" accid.ges="f"/>
<note xml:id="d1e369" pname="f" oct="4"/>
<note xml:id="d1e387" pname="b" oct="3" accid.ges="f"/>
</chord>
</beam>
<beam>
<chord xml:id="d41e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e407" pname="a" oct="4" accid.ges="f"/>
<note xml:id="d1e430" pname="f" oct="4"/>
<note xml:id="d1e448" pname="b" oct="3"/>
<accid value="n"/>
</note>
</chord>
<chord xml:id="d48e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e469" pname="a" oct="4" accid.ges="f"/>
<note xml:id="d1e492" pname="f" oct="4"/>
<note xml:id="d1e510" pname="b" oct="3"/>
</chord>
<chord xml:id="d55e1" dur="16" dur.ges="2" stem.dir="up">
<note xml:id="d1e528" pname="a" oct="4" accid.ges="f"/>
<note xml:id="d1e551" pname="d" oct="4"/>
</chord>
<slur tstamp="2" dur="0m+2.875" place="below" startid="d1e669"
endid="d1e715" staff="1"/>
<dir tstamp="1" place="above" staff="1" type="fingering">4</dir>
<dir tstamp="2" place="below" staff="1" type="fingering">1</dir>
<dir tstamp="2.75" place="below" staff="1" type="fingering">

```

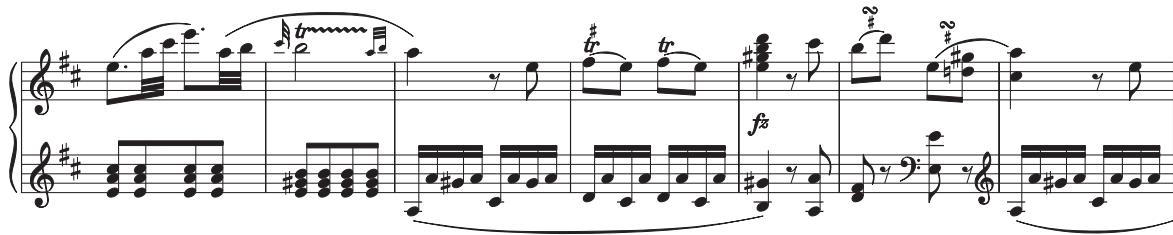
ornament-trill

A musical score for piano, featuring two staves. The top staff uses a treble clef and the bottom staff uses a bass clef. Both staves are in common time and G major. Measure 11 begins with a sixteenth-note pattern in the right hand and eighth-note chords in the left hand. Measure 12 continues with a similar pattern, followed by a dynamic marking 'f' (fortissimo) and a melodic line in the right hand.

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
 <?oxygen SCHSchema="../../mei19.1/ModularizationTesting/mei-all.rng"?>
 <?oxygen RNGSchema="../../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
 <mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
 <meihead>
 </filedesc>
 <titlestmt>
 <title/>
 </titlestmt>
 <pubstmt/>
 </filedesc>
 <encodingdesc>
 <projectdesc>
 <p>Transcoded from a MusicXML version 1.0 file on
 <date>2009-11-06</date> using an XSLT stylesheet (2mei v.
 2.2.1).</p>
 <p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
 </projectdesc>
 </encodingdesc>
 </meihead>
 <music>
 <body>
 <mdiv>
 <score>
 <scoredef meter.count="2" meter.unit="4" key.sig="2s"
 meter.render="invis">
 <staffgrp xml:id="P1" symbol="brace" label.full="Part_1">
 <staffdef n="1" lines="5" clef.line="2" clef.shape="G"
 midi.div="8" key.sig="2s"/>
 <staffdef n="2" lines="5" clef.line="2" clef.shape="G"
 midi.div="8" key.sig="2s"/>
 </staffgrp>
 </scoredef>
 <section>
 <measure n="1" xml:id="d1e12">
 <staff n="1">
 <layer n="1">
 <beam>
 <note xml:id="d1e41" pname="e" oct="5" dur="8" dots="1" dur ges="6"
 stem.dir="down"/>
 <note xml:id="d1e61" pname="a" oct="5" dur="32" dur ges="1"
 stem.dir="down" accid.ges="s"/>
 </beam>
 <beam>
 <note xml:id="d1e112" pname="e" oct="6" dur="8" dots="1"
 dur ges="6" stem.dir="down"/>
 <note xml:id="d1e133" pname="a" oct="5" dur="32" dur ges="1"
 stem.dir="down"/>
 <note xml:id="d1e157" pname="b" oct="5" dur="32" dur ges="1"
 stem.dir="down"/>
 </beam>
 <layer>
 </staff>
 <staff n="2">
 <layer n="1">
 <beam>
 <chord xml:id="d1e41" dur="8" dur ges="4" stem.dir="up">
 <note xml:id="d1e183" pname="c" oct="5" accid.ges="s"/>
 <note xml:id="d1e204" pname="a" oct="4"/>
 <note xml:id="d1e223" pname="e" oct="4"/>
 </chord>
 <chord xml:id="d21e1" dur="8" dur ges="4" stem.dir="up">
 <note xml:id="d1e241" pname="c" oct="5" accid.ges="s"/>
 <note xml:id="d1e262" pname="a" oct="4"/>
 <note xml:id="d1e280" pname="e" oct="4"/>
 </chord>
 <chord xml:id="d28e1" dur="8" dur ges="4" stem.dir="up">
 <note xml:id="d1e298" pname="c" oct="5" accid.ges="s"/>
 <note xml:id="d1e319" pname="a" oct="4"/>
 <note xml:id="d1e337" pname="e" oct="4"/>
 </chord>
 <chord xml:id="d35e1" dur="8" dur ges="4" stem.dir="up">
 <note xml:id="d1e355" pname="c" oct="5" accid.ges="s"/>
 <note xml:id="d1e376" pname="a" oct="4"/>
 <note xml:id="d1e394" pname="e" oct="4"/>
 </chord>
 </beam>
 </layer>
 </staff>
 <slur tstamp="1" dur="0m+2" place="above" startid="d1e41"
 endid="d1e112" staff="1"/>
 <slur tstamp="2.75" dur="2m+1" place="above" startid="d1e133"
 endid="d1e685" staff="1"/>
 </measure>
 <measure n="2" xml:id="d1e412">
 <staff n="1">
 <layer n="1">
 <note xml:id="d1e414" grace="unacc" pname="c" oct="6" dur="32"
 dur ges="0" stem.dir="up" accid.ges="s"/>
 <note xml:id="d1e432" pname="b" oct="5" dur="2" dur ges="16"

ornament-trill

(p2)

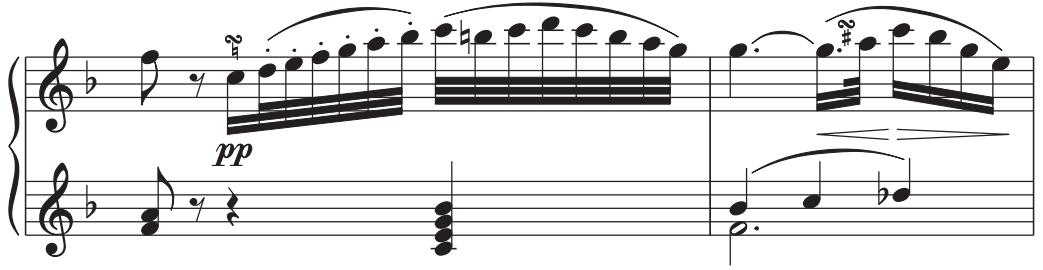


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    stem.dir="down"/>
  </beam>
</layer>
<staff n="2">
<layer n="1">
<beam>
<note xml:id="d1e1003" pname="d" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
<note xml:id="d1e1024" pname="a" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
<note xml:id="d1e1045" pname="c" oct="4" dur="16"
dur.ges="2" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e1068" pname="a" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
</beam>
<beam>
<note xml:id="d1e1089" pname="d" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
<note xml:id="d1e1110" pname="a" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
<note xml:id="d1e1132" pname="c" oct="4" dur="16"
dur.ges="2" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e1155" pname="a" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
</beam>
</layer>
</staff>
<slur tstamp="1" dur="0m+1.5" place="above" startid="d1e914"
endid="d1e936" staff="1"/>
<slur tstamp="2" dur="0m+2.5" place="above" startid="d1e955"
endid="d1e980" staff="1"/>
<trill tstamp="1" place="above" staff="1" startid="d1e914"
accid="s"/>
<trill tstamp="2" place="above" staff="1" startid="d1e955"/>
</measure>
<measure n="5" xml:id="d1e1177">
<staff n="1">
<layer n="1">
<chord xml:id="d140e1" dur="4" dur.ges="8" stem.dir="down">
<note xml:id="d1e1185" pname="d" oct="6"/>
<note xml:id="d1e1202" pname="b" oct="5"/>
<note xml:id="d1e1220" pname="g" oct="5" accid.ges="s">
<accid value="s"/>
</note>
<note xml:id="d1e1242" pname="e" oct="5"/>
</chord>
<rest xml:id="d1e1260" dur="8" dur.ges="4"/>
<note xml:id="d1e1271" pname="c" oct="6" dur="8" dur.ges="4"
stem.dir="down" accid.ges="s"/>
</layer>
</staff>
<staff n="2">
<layer n="1">
<chord xml:id="d149e1" dur="4" dur.ges="8" stem.dir="up">
<note xml:id="d1e1293" pname="g" oct="4" accid.ges="s">
<accid value="s"/>
</note>
<note xml:id="d1e1314" pname="b" oct="3"/>
</chord>
<rest xml:id="d1e1332" dur="8" dur.ges="4"/>
<chord xml:id="d155e1" dur="8" dur.ges="4" stem.dir="up">
<note xml:id="d1e1344" pname="a" oct="4"/>
<note xml:id="d1e1361" pname="a" oct="3"/>
</chord>
</layer>
</staff>
<dynam tstamp="1" place="below" staff="1">fz</dynam>
</measure>
<measure n="6" xml:id="d1e1379">
<staff n="1">
<layer n="1">
<beam>
<note xml:id="d1e1381" pname="b" oct="5" dur="8" dur.ges="4"
stem.dir="down"/>
<note xml:id="d1e1401" pname="d" oct="6" dur="8" dur.ges="4"
stem.dir="down"/>
</beam>
<beam>
<note xml:id="d1e1421" pname="e" oct="5" dur="8" dur.ges="4"
stem.dir="down"/>
<chord xml:id="d172e1" dur="8" dur.ges="4" stem.dir="down">
<note xml:id="d1e1441" pname="g" oct="5" accid.ges="s">
<accid value="s"/>
</note>
<note xml:id="d1e1464" pname="d" oct="5">
<accid value="n"/>
</note>
</beam>
</layer>
</staff>
<slur tstamp="2" dur="1m+1" place="above" startid="d1e1421"
endid="d1e1600" staff="1"/>
<turn tstamp="1.25" place="above" accid.lower="s" staff="1"/>
<turn tstamp="2.25" place="above" accid.lower="s" staff="1"/>
</measure>
<staffdef n="2" clef.shape="G" clef.line="2"/>
<measure n="7" xml:id="d1e1598">
<staff n="1">
<layer n="1">
<chord xml:id="d204e1" dur="4" dur.ges="8" stem.dir="down">
<note xml:id="d1e1600" pname="a" oct="5"/>
<note xml:id="d1e1618" pname="c" oct="5" accid.ges="s"/>
</chord>
<rest xml:id="d1e1638" dur="8" dur.ges="4"/>
<note xml:id="d1e1649" pname="e" oct="5" dur="8" dur.ges="4"
stem.dir="down"/>
</layer>
</staff>
<staff n="2">
<layer n="1">
<beam>
<note xml:id="d1e1669" pname="a" oct="3" dur="16"
dur.ges="2" stem.dir="up"/>
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dur.ges="2" stem.dir="up"/>
<note xml:id="d1e1712" pname="g" oct="4" dur="16"
dur.ges="2" stem.dir="up" accid.ges="s">
<accid value="s"/>
</note>
<note xml:id="d1e1737" pname="a" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
</beam>
<beam>
<note xml:id="d1e1758" pname="c" oct="4" dur="16"
dur.ges="2" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e1781" pname="a" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
<note xml:id="d1e1803" pname="g" oct="4" dur="16"
dur.ges="2" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e1826" pname="a" oct="4" dur="16"
dur.ges="2" stem.dir="up"/>
</beam>
</layer>
</staff>
<slur tstamp="1" dur="0m+2.75" place="below" startid="d1e1669"
endid="d1e1826" staff="2"/>
</measure>
</score>
</mdiv>
</body>
</music>
</mei>

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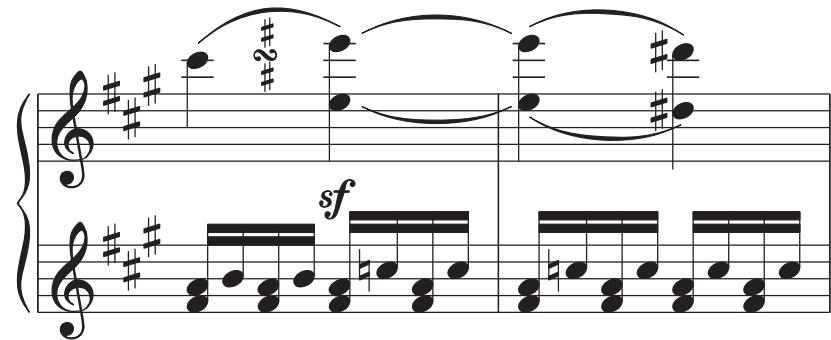
ornament-turn



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
  <meihead>
    <filedesc>
      <titlestmt>
        <title/>
      </titlestmt>
      <pubstmt/>
    </filedesc>
    <encodingdesc>
      <projectdesc>
        <p>Transcoded from a MusicXML version 1.0 file on
          <date>2009-11-06</date> using an XSLT stylesheet (2mei v.
          2.2.1).</p>
        <p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
      </projectdesc>
    </encodingdesc>
  </meihead>
  <music>
    <body>
      <mdiv>
        <score>
          <scoreddef meter.count="3" meter.unit="4" key.sig="1f"
            meter.render="invis">
            <staffgrp xml:id="P1" symbol="brace" label.full="Part_1">
              <staffdef n="1" lines="5" clef.line="2" clef.shape="G"
                midi.div="8" key.sig="1f"/>
              <staffdef n="2" lines="5" clef.line="2" clef.shape="G"
                midi.div="8" key.sig="1f"/>
            </staffgrp>
          </scoreddef>
          <measure n="1" xml:id="d1e12">
            <staff n="1">
              <layer n="1">
                <note xml:id="d1e41" pname="f" oct="5" dur="8" dur.ges="4"
                  stem.dir="down"/>
                <rest xml:id="d1e58" dur="8" dur.ges="4"/>
                <beam>
                  <note xml:id="d1e75" pname="c" oct="5" dur="16" dur.ges="2"
                    stem.dir="down"/>
                  <note xml:id="d1e96" pname="d" oct="5" dur="32" dur.ges="1"
                    stem.dir="down">
                    <artic value="stacc"/>
                  </note>
                  <note xml:id="d1e122" pname="e" oct="5" dur="32" dur.ges="1"
                    stem.dir="down">
                    <artic value="stacc"/>
                  </note>
                  <note xml:id="d1e147" pname="f" oct="5" dur="32" dur.ges="1"
                    stem.dir="down">
                    <artic value="stacc"/>
                  </note>
                  <note xml:id="d1e172" pname="g" oct="5" dur="32" dur.ges="1"
                    stem.dir="down">
                    <artic value="stacc"/>
                  </note>
                  <note xml:id="d1e197" pname="a" oct="5" dur="32" dur.ges="1"
                    stem.dir="down">
                    <artic value="stacc"/>
                  </note>
                  <note xml:id="d1e222" pname="b" oct="5" dur="32" dur.ges="1"
                    stem.dir="down" accid.ges="f">
                    <artic value="stacc"/>
                  </note>
                  <beam>
                    <note xml:id="d1e251" pname="c" oct="6" dur="32" dur.ges="1"
                      stem.dir="down"/>
                    <note xml:id="d1e275" pname="b" oct="5" dur="32" dur.ges="1"
                      stem.dir="down">
                      <accid value="n"/>
                    </note>
                    <note xml:id="d1e300" pname="c" oct="6" dur="32" dur.ges="1"
                      stem.dir="down"/>
                    <note xml:id="d1e323" pname="d" oct="6" dur="32" dur.ges="1"
                      stem.dir="down"/>
                    <note xml:id="d1e346" pname="c" oct="6" dur="32" dur.ges="1"
                      stem.dir="down"/>
                    <note xml:id="d1e369" pname="b" oct="5" dur="32" dur.ges="1"
                      stem.dir="down"/>
                    <note xml:id="d1e392" pname="a" oct="5" dur="32" dur.ges="1"
                      stem.dir="down"/>
                    <note xml:id="d1e415" pname="g" oct="5" dur="32" dur.ges="1"
                      stem.dir="down"/>
                  </beam>
                </layer>
              </staff>
              <staff n="2">
                <layer n="1">
                  <chord xml:id="d24e1" dur="8" dur.ges="4" stem.dir="up">
                    <note xml:id="d1e442" pname="a" oct="4"/>
                    <note xml:id="d1e459" pname="f" oct="4"/>
                  </chord>
                  <rest xml:id="d1e478" dur="8" dur.ges="4"/>
                  <rest xml:id="d1e489" dur="4" dur.ges="8"/>
                  <chord xml:id="d30e1" dur="4" dur.ges="8" stem.dir="up">
                    <note xml:id="d1e500" pname="b" oct="4" accid.ges="f"/>
                    <note xml:id="d1e519" pname="g" oct="4"/>
                    <note xml:id="d1e537" pname="e" oct="4"/>
                    <note xml:id="d1e555" pname="c" oct="4"/>
                  </chord>
                </layer>
              </staff>
              <dynam tstamp="2" place="below" staff="1">pp</dynam>
              <turn tstamp="2" place="above" staff="1" accidlower="n"/>
              <slur tstamp="2.25" dur="0m+2.875" place="above" startid="d1e96"
                endid="d1e222" staff="1"/>
              <slur tstamp="3" dur="0m+3.875" place="above" startid="d1e251"
                endid="d1e415" staff="1"/>
            </measure>
            <measure n="2" xml:id="d1e573">
              <staff n="1">
                <layer n="1">
                  <note xml:id="d1e575" pname="g" oct="5" dur="4" dots="1"
                    dur.ges="12" tie="t" stem.dir="down"/>
                  <note xml:id="d1e625" pname="a" oct="5" dur="32" dur.ges="1"
                    stem.dir="down"/>
                </layer>
              </staff>
              <note xml:id="d1e600" pname="g" oct="5" dur="16" dots="1"
                dur.ges="3" tie="t" stem.dir="down"/>
              <note xml:id="d1e658" pname="c" oct="6" dur="16" dur.ges="2"
                stem.dir="down"/>
              <note xml:id="d1e679" pname="b" oct="5" dur="16" dur.ges="2"
                stem.dir="down" accid.ges="f"/>
              <note xml:id="d1e702" pname="g" oct="5" dur="16" dur.ges="2"
                stem.dir="down"/>
              <note xml:id="d1e723" pname="e" oct="5" dur="16" dur.ges="2"
                stem.dir="down"/>
            </measure>
            <measure n="3" xml:id="d1e754">
              <staff n="2">
                <layer n="1">
                  <note xml:id="d1e754" pname="b" oct="4" dur="4" dur.ges="8"
                    stem.dir="up" accid.ges="f"/>
                  <note xml:id="d1e798" pname="c" oct="5" dur="4" dur.ges="8"
                    stem.dir="up"/>
                  <note xml:id="d1e815" pname="d" oct="5" dur="4" dur.ges="8"
                    stem.dir="up" accid.ges="f"/>
                  <accid value="f"/>
                </layer>
              </staff>
              <layer n="2">
                <note xml:id="d1e777" pname="f" oct="4" dur="2" dots="1"
                  dur.ges="24" stem.dir="down"/>
              </layer>
              <slur tstamp="1" dur="0m+3" place="above" startid="d1e754"
                endid="d1e815" staff="2"/>
              <hairpin tstamp="2.5" dur="0m+2.95" form="cres" place="below"
                staff="1"/>
              <slur tstamp="2.5" dur="0m+3.75" place="above" startid="d1e600"
                endid="d1e723" staff="1"/>
              <hairpin tstamp="3" dur="0m+4" form="dim" place="below" staff="1"/>
              <turn tstamp="2.75" place="above" staff="1" accidlower="s"/>
            </measure>
          </score>
        </mdiv>
      </music>
    </mei>
  
```

ornament-turn2



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="../../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="../../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
  <meihead>
    <filedesc>
      <titlestmt>
        <title/>
      </titlestmt>
      <pubstmt/>
    </filedesc>
    <encodingdesc>
      <projectdesc>
        <p>Transcoded from a MusicXML version 1.0 file on
          <date>2009-11-06</date> using an XSLT stylesheet (2mei v.
          2.2.1).</p>
        <p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
      </projectdesc>
    </encodingdesc>
  </meihead>
  <music>
    <body>
      <mdiv>
        <score>
          <scoredef meter.count="2" meter.unit="4" key.sig="3s"
            meter.render="invis">
            <staffgrp xml:id="P1" symbol="brace" label.full="Part_1">
              <staffdef n="1" lines="5" clef.line="2" clef.shape="G"
                midi.div="4" key.sig="3s"/>
              <staffdef n="2" lines="5" clef.line="2" clef.shape="G"
                midi.div="4" key.sig="3s"/>
            </staffgrp>
          </scoredef>
          <section>
            <measure n="1" xml:id="d1e12">
              <staff n="1">
                <layer n="1">
                  <note xml:id="d1e41" pname="c" oct="6" dur="4" dur.ges="4"
                    stem.dir="down" accid.ges="s"/>
                  <chord xml:id="d9e1" dur="4" dur.ges="4" stem.dir="down"
                    tie="t">
                    <note xml:id="d1e67" pname="e" oct="6"/>
                    <note xml:id="d1e87" pname="e" oct="5"/>
                  </chord>
                </layer>
              </staff>
              <staff n="2">
                <layer n="1">
                  <beam>
                    <chord xml:id="d15e1" dur="16" dur.ges="1" stem.dir="up">
                      <note xml:id="d1e110" pname="a" oct="4"/>
                      <note xml:id="d1e131" pname="f" oct="4" accid.ges="s"/>
                    </chord>
                    <note xml:id="d1e151" pname="b" oct="4" dur="16" dur.ges="1"
                      stem.dir="up"/>
                    <chord xml:id="d22e1" dur="16" dur.ges="1" stem.dir="up">
                      <note xml:id="d1e172" pname="a" oct="4"/>
                      <note xml:id="d1e193" pname="f" oct="4" accid.ges="s"/>
                    </chord>
                    <note xml:id="d1e214" pname="b" oct="4" dur="16" dur.ges="1"
                      stem.dir="up"/>
                  </beam>
                </layer>
              </staff>
              <staff n="1">
                <layer n="1">
                  <beam>
                    <chord xml:id="d29e1" dur="16" dur.ges="1" stem.dir="up">
                      <note xml:id="d1e235" pname="a" oct="4"/>
                      <note xml:id="d1e256" pname="f" oct="4" accid.ges="s"/>
                    </chord>
                    <note xml:id="d1e276" pname="c" oct="5" dur="16" dur.ges="1"
                      stem.dir="up"/>
                    <accid value="n"/>
                  </note>
                  <chord xml:id="d36e1" dur="16" dur.ges="1" stem.dir="up">
                    <note xml:id="d1e299" pname="a" oct="4"/>
                    <note xml:id="d1e320" pname="f" oct="4" accid.ges="s"/>
                  </chord>
                    <note xml:id="d1e340" pname="c" oct="5" dur="16" dur.ges="1"
                      stem.dir="up"/>
                  </beam>
                </layer>
              </staff>
              <slur tstamp="1" dur="0m+2" place="above" startid="d1e363"
                endid="d1e404" staff="1"/>
              <turn staff="1" tstamp="1.5" accidlower="s" accidupper="s"/>
              <dynam tstamp="2" place="below" staff="1">sf</dynam>
            </measure>
          </score>
        </mdiv>
      </body>
    </music>
  </mei>

```

rhythm-fractup

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema=".//mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema=".//mei19.1/ModularizationTesting/mei-all.rng"
type="xml"?
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
<filedesc>
<titlestmt>
<title/>
</titlestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-06</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoreddef meter.count="3" meter.unit="4" key.sig="3s">
<staffgrp>
<staffdef n="1" xml:id="P1" label.full="Part_1" lines="5"
clef.line="2" clef.shape="G" midi.div="35" key.sig="3s"/>
</staffgrp>
</scoreddef>
<section>
<scoreddef meter.count="3" meter.unit="4" key.sig="3s"/>
<measure n="1" xml:id="d1e12">
<staff n="1">
<layer n="1">
<beam>
<note xml:id="d1e34" pname="a" oct="4" dur="8" dur.ges="15"
tuplet="i1" stem.dir="up"/>
<note xml:id="d1e116" pname="c" oct="5" dur="8" dur.ges="15"
tuplet="m1" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e170" pname="e" oct="5" dur="8" dur.ges="15"
tuplet="m1" stem.dir="up"/>
<note xml:id="d1e221" pname="g" oct="5" dur="8" dur.ges="15"
tuplet="m1" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e245" pname="e" oct="5" dur="8" dur.ges="15"
tuplet="m1" stem.dir="up"/>
<note xml:id="d1e295" pname="g" oct="5" dur="8" dur.ges="15"
tuplet="m1" stem.dir="up" accid.ges="s"/>
<note xml:id="d1e351" pname="a" oct="5" dur="8" dur.ges="15"
tuplet="t1" stem.dir="up"/>
</beam>
</layer>
<layer n="2">
<beam>
<note xml:id="d1e60" pname="e" oct="4" dur="16" dur.ges="7"
tuplet="i1" stem.dir="down"/>
<note xml:id="d1e87" pname="d" oct="4" dur="16" dur.ges="7"
tuplet="m1" stem.dir="down"/>
<note xml:id="d1e143" pname="c" oct="4" dur="8" dur.ges="14"
tuplet="m1" stem.dir="down" accid.ges="s"/>
<note xml:id="d1e196" pname="e" oct="4" dur="8" dur.ges="14"
tuplet="m1" stem.dir="down"/>
<note xml:id="d1e270" pname="a" oct="4" dur="8" dur.ges="14"
tuplet="m1" stem.dir="down"/>
<note xml:id="d1e322" pname="g" oct="4" dur="8" dur.ges="14"
tuplet="t1" stem.dir="down"/>

```

```

tuplet="t1" stem.dir="down" accid.ges="s"/>
</beam>
</layer>
<staff>
<tupletspan staff="1" startid="d1e34" endid="d1e351" num="7"
numbase="6" num.visible="true" num.place="above"
num.format="count"/>
<tupletspan staff="1" startid="d1e60" endid="d1e322" num="5"
numbase="8" num.visible="true" num.place="above"
num.format="count"/>
</measure>
</section>
</score>
<mdiv>
</body>
</music>
</mei>

```

staff-keytime

♩ = 104

D.C.
al fine

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
  <filedesc>
    <titlestmt>
      <title/>
    </titlestmt>
    <pubstmt/>
  </filedesc>
</meihead>
<encodingdesc>
<projectdesc>
  <p>Transcoded from a MusicXML version 1.0 file on
    <date>2009-11-06</date> using an XSLT stylesheet (2mei v.
  2.2.1).</p>
  <p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
</meihead>
<music>
  <body>
    <mdiv>
      <score>
        <scoredef meter.count="2" meter.unit="4" key.sig="-2f">
          <staffgrp>
            <staffdef n="1" xml:id="P1" label.full="Part_1" lines="5"
              clef.line="2" clef.shape="G" midi.div="12" key.sig="2f"/>
          </staffgrp>
        </scoredef>
        <section>
          <measure n="1" xml:id="d1e12">
            <staff n="1">
              <layer n="1">
                <note xml:id="d1e42" pname="b" oct="4" dur="4" dur.ges="12"
                  stem.dir="down" accid.ges="f"/>
                <note xml:id="d1e59" pname="a" oct="4" dur="4" dur.ges="12"
                  stem.dir="up"/>
              </layer>
            </staff>
            <dir tstamp="1" place="above" staff="1">#xD15F; = 104</dir>
            <dynam tstamp="1" place="below" staff="1">p</dynam>
          </measure>
          <measure n="2" xml:id="d1e74" right="rptend">
            <staff n="1">
              <layer n="1">
                <beam>
                  <note xml:id="d1e76" pname="b" oct="4" dur="8" dur.ges="6"
                    stem.dir="down" accid.ges="f"/>
                  <note xml:id="d1e96" pname="c" oct="5" dur="8" dur.ges="6"
                    stem.dir="down"/>
                </beam>
                <note xml:id="d1e117" pname="d" oct="5" dur="4" dur.ges="12"
                  stem.dir="down"/>
              </layer>
            </staff>
            <slur tstamp="1" dur="0m+2" place="above" startid="d1e76"
              endid="d1e117" staff="1"/>
            <dir tstamp="2" place="below" staff="1">
              <rend fontstyle="ital">fine.</rend>
            </dir>
          </measure>
          <section>
            <measure n="3" xml:id="d1e137" right="dbl">
              <staff n="1">
                <layer n="1">
                  <note xml:id="d1e139" pname="e" oct="5" dur="4" dur.ges="12"
                    stem.dir="down" accid.ges="f"/>
                  <note xml:id="d1e156" pname="d" oct="5" dur="4" dur.ges="12"
                    stem.dir="down"/>
                </layer>
              </staff>
              <slur tstamp="2" dur="1m+1.667" place="above" startid="d1e156"
                endid="d1e238" staff="1"/>
            </measure>
          </section>
          <section>
            <scoredef meter.count="3" meter.unit="4"/>
            <measure n="4" xml:id="d1e175" right="dbl">
              <staff n="1">
                <layer n="1">
                  <beam>
                    <note xml:id="d1e183" pname="e" oct="5" dur="8" dots="1"
                      dur.ges="6" tuplet="11" stem.dir="down" accid.ges="f"/>
                    <note xml:id="d1e209" pname="f" oct="5" dur="16" dur.ges="2"
                      tuplet="m11" stem.dir="down"/>
                    <note xml:id="d1e238" pname="g" oct="5" dur="8" dur.ges="4"
                      tuplet="t1" stem.dir="down"/>
                  </beam>
                  <beam>

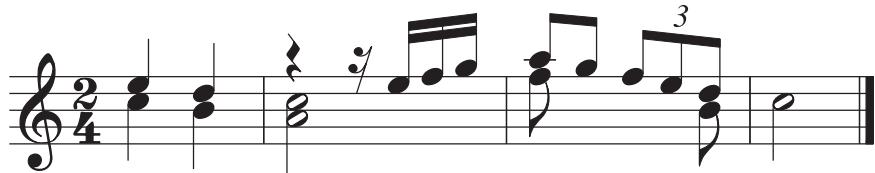
```

```

                    <note xml:id="d1e262" pname="a" oct="5" dur="8" dur.ges="6"
                      stem.dir="down" accid.ges="f">
                      <accid value="f"/>
                      <artic value="stacc"/>
                    </note>
                    <note xml:id="d1e285" pname="g" oct="5" dur="8" dur.ges="6"
                      stem.dir="down">
                      <artic value="stacc"/>
                    </note>
                    <note xml:id="d1e304" pname="f" oct="5" dur="4" dur.ges="12"
                      stem.dir="down"/>
                  </layer>
                </staff>
                <tupletspan staff="1" startid="d1e183" endid="d1e238" num="3"
                  numbase="2" num.visible="true" num.place="below"
                  num.format="count"/>
                <hairpin tstamp="1.667" dur="1m+1" form="cres" place="below"
                  staff="1"/>
              </measure>
              <section>
                <scoredef key.sig="3f"/>
                <measure n="5" xml:id="d1e322" right="end">
                  <staff n="1">
                    <layer n="1">
                      <beam>
                        <note xml:id="d1e332" pname="f" oct="5" dur="8" dots="1"
                          dur.ges="6" tuplet="11" stem.dir="down">
                          <artic value="acc"/>
                        </note>
                        <note xml:id="d1e361" pname="e" oct="5" dur="16" dur.ges="2"
                          tuplet="m11" stem.dir="down" accid.ges="f"/>
                        <note xml:id="d1e389" pname="d" oct="5" dur="8" dur.ges="4"
                          tuplet="t1" stem.dir="down"/>
                      </beam>
                    <beam>
                      <note xml:id="d1e412" pname="e" oct="5" dur="16" dur.ges="3"
                        stem.dir="down" accid.ges="f"/>
                      <note xml:id="d1e433" pname="f" oct="5" dur="16" dur.ges="3"
                        stem.dir="down"/>
                      <note xml:id="d1e452" pname="g" oct="5" dur="8" dur.ges="6"
                        stem.dir="down"/>
                    </beam>
                    <beam>
                      <note xml:id="d1e473" pname="f" oct="5" dur="8" dur.ges="6"
                        stem.dir="down"/>
                      <note xml:id="d1e491" pname="d" oct="5" dur="8" dur.ges="6"
                        stem.dir="down"/>
                    </beam>
                  </layer>
                </staff>
                <tupletspan staff="1" startid="d1e332" endid="d1e389" num="3"
                  numbase="2" num.visible="true" num.place="below"
                  num.format="count"/>
                <dynam tstamp="1" place="below" staff="1" ho="+1">mf</dynam>
                <dir tstamp="3.5" place="below" staff="1">D.C.</dir>
              </measure>
            </section>
            <mdiv>
              </body>
            </music>
          </mei>

```

staff-layers



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="..../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="..../mei19.1/ModularizationTesting/mei-all.rng"
type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
<filedesc>
<titlestmt>
<title/>
</titlestmt>
<pubstmt/>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-06</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoreddef meter.count="2" meter.unit="4" key.sig="0">
<staffgrp>
<staffdef n="1" xml:id="P1" label.full="Part_1" lines="5"
clef.line="2" clef.shape="G" midi.div="12" key.sig="0"/>
</staffgrp>
</scoreddef>
<section>
<measure n="1" xml:id="d1e12">
<staff n="1">
<layer n="1">
<note xml:id="d1e34" pname="e" oct="5" dur="4" dur.ges="12"
stem.dir="up"/>
<note xml:id="d1e67" pname="d" oct="5" dur="4" dur.ges="12"
stem.dir="up"/>
</layer>
<layer n="2">
<note xml:id="d1e52" pname="c" oct="5" dur="4" dur.ges="12"
stem.dir="down"/>
<note xml:id="d1e85" pname="b" oct="4" dur="4" dur.ges="12"
stem.dir="down"/>
</layer>
</staff>
</measure>
<measure n="2" xml:id="d1e100">
<staff n="1">
<layer n="1">
<rest vo="7" xml:id="d1e102" dur="4" dur.ges="12"/>
<rest vo="6" xml:id="d1e152" dur="16" dur.ges="3"/>
<beam>
<note xml:id="d1e165" pname="e" oct="5" dur="16" dur.ges="3"
stem.dir="up"/>
<note xml:id="d1e184" pname="f" oct="5" dur="16" dur.ges="3"
stem.dir="up"/>
<note xml:id="d1e203" pname="g" oct="5" dur="16" dur.ges="3"
stem.dir="up"/>
</beam>
</layer>
<layer n="2">
<chord xml:id="d19e1" dur="2" dur.ges="24" stem.dir="down">
<note xml:id="d1e118" pname="c" oct="5"/>
<note xml:id="d1e133" pname="a" oct="4"/>
</chord>
</layer>

```

```

</chord>
</staff>
</measure>
<measure n="3" xml:id="d1e222">
<staff n="1">
<layer n="1">
<beam>
<note xml:id="d1e242" pname="a" oct="5" dur="8" dur.ges="6"
stem.dir="up"/>
<note xml:id="d1e271" pname="g" oct="5" dur="8" dur.ges="6"
stem.dir="up"/>
</beam>
<beam>
<note xml:id="d1e288" pname="f" oct="5" dur="8" dur.ges="4"
tuplet="i1" stem.dir="up"/>
<note xml:id="d1e334" pname="e" oct="5" dur="8" dur.ges="4"
tuplet="m1" stem.dir="up"/>
<note xml:id="d1e357" pname="d" oct="5" dur="8" dur.ges="4"
tuplet="t1" stem.dir="up"/>
</beam>
</layer>
<layer n="2">
<note xml:id="d1e224" pname="f" oct="5" dur="8" dur.ges="6"
stem.dir="down"/>
<space xml:id="d1e259" dur="8" dur.ges="6"/>
<space xml:id="d1e314" dur="4" dur.ges="8" tuplet="i1"/>
<note xml:id="d1e383" pname="b" oct="4" dur="8" dur.ges="4"
tuplet="t1" stem.dir="down"/>
</layer>
</staff>
<tupletpart staff="1" startid="d1e288" endid="d1e357" num="3"
numbase="2" num.visible="true" num.place="above"
num.format="count"/>
<tupletpart staff="1" startid="d1e314" endid="d1e383" num="3"
numbase="2" num.visible="false"/>
</measure>
<measure n="4" xml:id="d1e404" right="end">
<staff n="1">
<layer n="1">
<note xml:id="d1e406" pname="c" oct="5" dur="2" dur.ges="24"
stem.dir="down"/>
</layer>
</staff>
</measure>
</section>
</score>
</mdiv>
</body>
</music>
</mei>

```

tie-finger

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="..../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="..../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
  <!--
    <dynam tstamp="2" place="above" staff="2">sf</dynam>
  </!--
  <measure n="2" xml:id="d1e418">
    <staff n="1">
      <layer n="1">
        <beam>
          <note xml:id="d1e420" pname="a" oct="4" dur="16" dur.ges="1"
            stem.dir="up" accid.ges="f"/>
          <note xml:id="d1e443" pname="b" oct="4" dur="16" dur.ges="1"
            stem.dir="up" accid.ges="f"/>
          <note xml:id="d1e466" pname="a" oct="4" dur="16" dur.ges="1"
            stem.dir="up" accid.ges="f"/>
          <note xml:id="d1e489" pname="g" oct="4" dur="16" dur.ges="1"
            stem.dir="up" />
        </beam>
        <beam>
          <note xml:id="d1e516" pname="f" oct="4" dur="16" dur.ges="1"
            stem.dir="up" />
          <note xml:id="d1e537" pname="g" oct="4" dur="16" dur.ges="1"
            stem.dir="up" />
          <note xml:id="d1e558" pname="a" oct="4" dur="16" dur.ges="1"
            stem.dir="up" accid.ges="f"/>
          <note xml:id="d1e581" pname="f" oct="4" dur="16" dur.ges="1"
            stem.dir="up" />
        </beam>
      </layer>
    </staff>
    <staff n="2">
      <layer n="1">
        <chord xml:id="d55e1" dur="16" dur.ges="1" stem.dir="up">
          <note xml:id="d1e05" pname="f" oct="3" tie="t"/>
          <note xml:id="d1e25" pname="c" oct="3" tie="t"/>
          <note xml:id="d1e45" pname="a" oct="2" accid.ges="f"
            tie="t"/>
          <note xml:id="d1e667" pname="f" oct="2" tie="t"/>
        </chord>
        <beam>
          <note xml:id="d1e687" pname="f" oct="2" dur="16" dur.ges="1"
            stem.dir="up" />
          <note xml:id="d1e709" pname="a" oct="2" dur="16" dur.ges="1"
            stem.dir="up" accid.ges="f"/>
          <note xml:id="d1e733" pname="c" oct="3" dur="16" dur.ges="1"
            tie="i" stem.dir="up" />
        </beam>
        <chord xml:id="d66e1" dur="4" dur.ges="4" stem.dir="up">
          <note xml:id="d1e756" pname="f" oct="3" tie="i"/>
          <note xml:id="d1e775" pname="c" oct="3" tie="m" />
          <note xml:id="d1e797" pname="a" oct="2" tie="m"
            accid.ges="f"/>
          <note xml:id="d1e820" pname="f" oct="2" tie="m"/>
        </chord>
      </layer>
    </staff>
    <!--
      <tie tstamp="1.25" startid="d1e687" endid="d1e820" staff="2" bulge="-2"/>
      <tie tstamp="1.5" startid="d1e709" endid="d1e797" staff="2" bulge="-2"/>
      <tie tstamp="1.75" startid="d1e733" endid="d1e775" staff="2" bulge="-2"/>
    -->
    <dynam tstamp="2" place="above" staff="2">sf</dynam>
  </!--
  <measure n="3" xml:id="d1e841">
    <staff n="1">
      <layer n="1">
        <beam>
          <note xml:id="d1e843" pname="a" oct="4" dur="16" dur.ges="1"
            stem.dir="up" accid.ges="f"/>
          <note xml:id="d1e866" pname="c" oct="4" dur="16" dur.ges="1"
            stem.dir="up" />
          <note xml:id="d1e887" pname="f" oct="4" dur="16" dur.ges="1"
            stem.dir="up" />
          <note xml:id="d1e908" pname="a" oct="4" dur="16" dur.ges="1"
            stem.dir="up" accid.ges="f"/>
        </beam>
      <!--
        <note xml:id="d1e937" pname="c" oct="5" dur="16" dur.ges="1"
          stem.dir="down" />
        <note xml:id="d1e958" pname="d" oct="5" dur="16" dur.ges="1"
          stem.dir="down" accid.ges="f" />
        <note xml:id="d1e981" pname="c" oct="3" dur="16" dur.ges="1"
          stem.dir="down" />
        <note xml:id="d1e1002" pname="b" oct="4" dur="16" dur.ges="1"
          stem.dir="down" accid.ges="f" />
      -->
      <beam>
        <note xml:id="d1e1028" pname="f" oct="3" tie="t"/>
        <note xml:id="d1e1048" pname="c" oct="3" tie="t"/>
        <note xml:id="d1e1068" pname="a" oct="2" accid.ges="f"
          tie="t"/>
      </beam>
    </layer>
  </staff>
  <dynam tstamp="1" place="below" staff="1">f</dynam>
  <!--
    The "logical" attribute @tie on note is generally enough to
    render a visual tie unless it is necessary to capture the curvature
    of the tie.
  -->
  <!--
    <tie tstamp="1.25" startid="d1e266" endid="d1e397" staff="2"
      bulge="-2"/>
    <tie tstamp="1.5" startid="d1e288" endid="d1e374" staff="2"
      bulge="-2"/>
    <tie tstamp="1.75" startid="d1e313" endid="d1e353" staff="2"
      bulge="-2"/>
  -->
```

```
<note xml:id="d1e1090" pname="f" oct="2" tie="t"/>
</chord>
<beam>
<note xml:id="d1e1110" pname="f" oct="2" dur="16"
  dur.ges="1" stem.dir="up" tie="i"/>
<note xml:id="d1e1132" pname="a" oct="2" dur="16"
  dur.ges="1" stem.dir="up" accid.ges="f" tie="i"/>
<note xml:id="d1e1156" pname="c" oct="3" dur="16"
  dur.ges="1" tie="i" stem.dir="up"/>
</beam>
<chord xml:id="d105e1" dur="4" dur.ges="4" stem.dir="up">
  <note xml:id="d1e1179" pname="f" oct="3" tie="i"/>
  <note xml:id="d1e1198" pname="c" oct="3" tie="m"
    accid.ges="f"/>
  <note xml:id="d1e1220" pname="a" oct="2" tie="m"
    accid.ges="f"/>
  <note xml:id="d1e1243" pname="f" oct="2" tie="m"/>
</chord>
</layer>
</staff>
<!--
  <tie tstamp="1.25" startid="d1e1110" endid="d1e1243" staff="2" bulge="-2"/>
  <tie tstamp="1.5" startid="d1e1132" endid="d1e1220" staff="2" bulge="-2"/>
  <tie tstamp="1.75" startid="d1e1156" endid="d1e1198" staff="2" bulge="-2"/>
-->
<dynam tstamp="2" place="above" staff="2">sf</dynam>
</!--
<measure n="4" xml:id="d1e1262">
  <staff n="1">
    <layer n="1">
      <beam>
        <note xml:id="d1e1264" pname="a" oct="4" dur="16"
          dur.ges="1" stem.dir="up" accid.ges="f"/>
        <note xml:id="d1e1287" pname="b" oct="4" dur="16"
          dur.ges="1" stem.dir="up" accid.ges="f"/>
        <note xml:id="d1e1310" pname="a" oct="4" dur="16"
          dur.ges="1" stem.dir="up" accid.ges="f"/>
        <note xml:id="d1e1333" pname="g" oct="4" dur="16"
          dur.ges="1" stem.dir="up" />
      </beam>
      <beam>
        <note xml:id="d1e1360" pname="f" oct="4" dur="16"
          dur.ges="1" stem.dir="up" />
        <note xml:id="d1e1381" pname="g" oct="4" dur="16"
          dur.ges="1" stem.dir="up" />
        <note xml:id="d1e1402" pname="a" oct="4" dur="16"
          dur.ges="1" stem.dir="up" accid.ges="f"/>
        <note xml:id="d1e1425" pname="f" oct="4" dur="16"
          dur.ges="1" stem.dir="up" />
      </beam>
      <beam>
        <note xml:id="d1e133e1" dur="16" dur.ges="1" stem.dir="up">
          <note xml:id="d1e1449" pname="f" oct="3" tie="t"/>
          <note xml:id="d1e1469" pname="c" oct="3" tie="t"/>
          <note xml:id="d1e1489" pname="a" oct="2" tie="t"
            accid.ges="f"/>
          <note xml:id="d1e1511" pname="f" oct="2" tie="t"/>
        </chord>
        <beam>
          <note xml:id="d1e1529" pname="f" oct="2" dur="16"
            dur.ges="1" stem.dir="up" tie="i"/>
          <note xml:id="d1e1551" pname="a" oct="2" dur="16"
            dur.ges="1" stem.dir="up" accid.ges="f" tie="i"/>
          <note xml:id="d1e1575" pname="c" oct="3" dur="16"
            dur.ges="1" tie="i" stem.dir="up"/>
        </beam>
        <chord xml:id="d144e1" dur="4" dur.ges="4" stem.dir="up">
          <note xml:id="d1e1598" pname="f" oct="3" tie="t"/>
          <note xml:id="d1e1615" pname="c" oct="3" tie="t"/>
          <note xml:id="d1e1635" pname="a" oct="2" accid.ges="f"
            tie="i"/>
          <note xml:id="d1e1656" pname="f" oct="2" tie="t"/>
        </chord>
      </layer>
    </staff>
    <!--
      <tie tstamp="1.25" startid="d1e1529" endid="d1e1656" staff="2" bulge="-2"/>
      <tie tstamp="1.5" startid="d1e1551" endid="d1e1635" staff="2" bulge="-2"/>
      <tie tstamp="1.75" startid="d1e1575" endid="d1e1615" staff="2" bulge="-2"/>
    -->
    <dynam tstamp="2" place="below" staff="1">sf</dynam>
  </!--
  <section>
    <score>
      <mdiv>
        </body>
      </music>
    </mei>
  </section>
  </!--
```

tie-finger2



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen RNGSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="../../../../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
  <meihead>
    <filedesc>
      <title/>
    </titlestmt>
    <pubstmt/>
    </filedesc>
  </meihead>
  <music>
    <body>
      <mdiv>
        <score>
          <scoredef meter="4" meter.unit="4" key.sig="0">
            <staffgrp xml:id="P1" symbol="brace" label.full="Part_1">
              <staffdef n="1" lines="5" clef.line="4" clef.shape="F" key.sig="0"/>
              <staffdef n="2" lines="5" clef.line="4" clef.shape="F" key.sig="0"/>
            />
          </staffgrp>
        </scoredef>
        <section>
          <measure n="1" xml:id="d1e12">
            <!-- By unraveling the layer structure it can be determined which ties cut across layers and which do not. Those that do not can be represented with @tie, while cross-layer ties must be captured using tie elements. If desired, ties that do not cross layers may be represented using tie elements as well.
            -->
          <staff n="1">
            <layer n="1">
              <rest dur="2"/>
              <beam>
                <note xml:id="a" dur="8" pname="e" oct="3" stem.dir="up"/>
                <note xml:id="b" dur="8" pname="f" accid="s" oct="3" stem.dir="up"/>
                <note dur="8" pname="a" accid="n" oct="3" stem.dir="up"/>
                <note dur="8" pname="e" accid="f" oct="4" stem.dir="up"
                  tie="i"/>
              </beam>
            </layer>
            <layer n="2">
              <space dur="2"/>
              <space dur="8"/>
              <note dur="8" pname="f" accid="s" oct="3" stem.dir="down"/>
              <note dur="4" pname="a" oct="3"/>
            </layer>
            <layer n="3">
              <space dur="2"/>
              <space dur="4"/>
              <note xml:id="c" dur="4" pname="f" accid="f" oct="3"
                stem.dir="down"/>
            </layer>
            <layer n="4">
              <space dur="2" dots="1"/>
              <note dur="2" pname="e" oct="3" ho="2"/>
            </layer>
          </staff>
          <staff n="2">
            <layer n="1">
              <beam>
                <note dur="8" pname="c" oct="2"/>
                <note dur="8" pname="f" accid="s" oct="2"/>
                <note dur="8" pname="a" oct="2" tie="i" xml:id="d"/>
                <note dur="8" pname="c" oct="3" tie="i"/>
              </beam>
              <note dur="2" pname="c" oct="3" tie="m"/>
            </layer>
            <layer n="2">
              <note dur="2" pname="c" oct="2" tie="m"/>
              <chord dur="2">
                <note pname="c" oct="2" tie="i"/>
                <note pname="f" oct="2" tie="i"/>
                <note xml:id="e" pname="a" oct="2" tie="i"/>
              </chord>
            </layer>
            <layer n="3">
              <space dur="8"/>
              <note stem.dir="down" dur="8" pname="f" oct="2" tie="i"/>
              <note stem.dir="down" ho="2" dur="4" pname="f" oct="2" tie="i"/>
            </layer>
          </staff>
        </score>
      </mdiv>
    </body>
  </music>
</mei>

```

tie-xlayer

A musical score for piano, page 10, measures 1-5. The score is divided into two staves by a brace. The top staff uses a treble clef and has a key signature of one flat. The dynamic 'pp' (pianissimo) is written at the beginning. The bottom staff uses a bass clef and also has a key signature of one flat. Measures 1-4 show eighth-note patterns with slurs. Measure 5 begins with a measure rest followed by eighth-note patterns. The score is in common time.

<?xml version="1.0" encoding="UTF-8" standalone="no"?>

<?oxygen SCHSchema="../../mei19.1/ModularizationTesting/mei-all.rng"?>

<?oxygen RNGSchema="../../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>

<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">

<meihead>

<filedesc>

<title/>

</titlestmt>

</pubstmt/>

</filedesc>

<encodingdesc>

<projectdesc>

<>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-06</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>

<>The MusicXML file was generated using SharpEye Music Reader 2.</p>

</projectdesc>

</encodingdesc>

<revisiondesc>

<change>

<respmnt>

<name>Perry Roland</name>

</respmnt>

<changedesc>

<p>hand-edited</p>

</changedesc>

<date>2009-11-12</date>

</change>

</revisiondesc>

</meihead>

<music>

<body>

<mdiv>

<score>

<scoredef meter.count="6" meter.unit="8" key.sig="3f">

meter.render="invis">

<staffgrp xml:id="P1" symbol="brace" label.full="Part_1">

<staff n="1" lines="5" clef.line="2" clef.shape="G" midi.div="2" key.sig="3f"/>

<staffdef n="2" lines="5" clef.line="4" clef.shape="F" midi.div="2" key.sig="3f"/>

</staffgrp>

</scoredef>

<section>

<measure n="1" xml:id="d1e12">

<!- Cross-layer ties are not prohibited by MEI, but they may be prohibited
by the rendering target representation. Cross-layer ties can be avoided by splitting some
chords across layers and specifying stem directions to
achieve the desired visual output. -->

<staff n="1">

<layer n="1">

<note xml:id="d1e47" pname="g" oct="4" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

</layer>

<layer n="2">

<note xml:id="d1e66" pname="g" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up" tie="i"/>

</layer>

</staff>

<staff n="2">

<layer n="1">

<note xml:id="d1e90" pname="e" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up">

<accid value="n"/>

</note>

</layer>

<layer n="2">

<note xml:id="d1e111" pname="g" oct="2" dur="4" dots="1" dur.ges="3" stem.dir="up" tie="i"/>

</layer>

</staff>

<dynam tstamp="1" place="below" staff="1">pp</dynam>

<slur tstamp="1" dur="2m+1" place="above" startid="d1e47" endid="d1e267" staff="1"/>

<slur tstamp="1" dur="1m+4" place="above" startid="d1e90" endid="d1e244" staff="2"/>

</measure>

<measure n="2" xml:id="d1e132">

<staff n="1">

<layer n="1">

<note xml:id="d1e157" pname="b" oct="3" dur="4" dots="1" dur.ges="2" stem.dir="up" accid.ges="f"/>

<note xml:id="d1e179" pname="f" oct="4" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

</layer>

<layer n="2">

<note xml:id="d1e134" pname="g" oct="3" dur="2" dots="1" dur.ges="4" tie="m" stem.dir="down"/>

</layer>

</staff>

<staff n="2">

<layer n="1">

<note xml:id="d1e200" pname="f" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up" tie="m" stem.dir="down"/>

</layer>

<note xml:id="d1e244" pname="b" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up" tie="m" stem.dir="down"/>

</layer>

<note xml:id="d1e221" pname="g" oct="2" dur="2" dots="1" dur.ges="6" tie="t" stem.dir="down"/>

</layer>

<staff>

</measure>

<measure n="3" xml:id="d1e265">

<staff n="1">

<layer n="1">

<note xml:id="d1e267" pname="e" oct="4" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

<accid value="n"/>

</note>

<chord xml:id="d54e1" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

<note xml:id="d1e308" pname="g" oct="4" tie="j"/>

<note xml:id="d1e329" pname="c" oct="4"/>

<note xml:id="d1e348" pname="g" oct="3" tie="i"/>

</chord>

</layer>

<layer n="2">

<note xml:id="d1e288" pname="g" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

</layer>

<staff>

<staff n="2">

<layer n="1">

<note xml:id="d1e372" pname="c" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

<note xml:id="d1e414" pname="e" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

<accid value="n"/>

</note>

</layer>

<layer n="2">

<note xml:id="d1e803" pname="c" oct="3" dur="4" dur.ges="3" stem.dir="up"/>

<rest dur="8"/>

<note xml:id="d1e821" pname="c" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

</layer>

<layer n="2">

<note xml:id="d1e780" pname="g" oct="2" dur="2" dots="1" dur.ges="6" tie="i" stem.dir="down"/>

</layer>

<staff>

<hairpin tstamp="4" dur="1m+3" form="cres" place="below" staff="1"/>

<slur tstamp="4" dur="1m+4" place="above" startid="d1e821" endid="d1e1138" staff="2"/>

<note xml:id="d1e1095" pname="g" oct="2" dur="2" dots="1" dur.ges="6" tie="i" stem.dir="down"/>

<layer n="2">

<note xml:id="d1e1118" pname="b" oct="2" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

<accid value="n"/>

</note>

<beam>

<chord xml:id="d142e1" dur="8" dur.ges="1" stem.dir="down">

<note xml:id="d1e842" pname="g" oct="5"/>

<note xml:id="d1e861" pname="g" oct="4"/>

</chord>

<chord xml:id="d148e1" dur="8" dur.ges="1" stem.dir="down">

<note xml:id="d1e884" pname="f" oct="5"/>

<accid value="n"/>

</note>

<note xml:id="d1e905" pname="f" oct="4"/>

<accid value="n"/>

</note>

<chord xml:id="d154e1" dur="8" dur.ges="1" stem.dir="down">

<note xml:id="d1e925" pname="e" oct="5"/>

<accid value="n"/>

</note>

<note xml:id="d1e946" pname="e" oct="4"/>

<accid value="n"/>

</note>

<beam>

<chord xml:id="d160e1" dur="8" dur.ges="1" stem.dir="up">

<note xml:id="d1e971" pname="d" oct="5"/>

<note xml:id="d1e990" pname="d" oct="4"/>

</chord>

<chord xml:id="d166e1" dur="8" dur.ges="1" stem.dir="up">

<note xml:id="d1e1008" pname="c" oct="5"/>

<note xml:id="d1e1028" pname="c" oct="4"/>

</chord>

<chord xml:id="d172e1" dur="8" dur.ges="1" stem.dir="up">

<note xml:id="d1e1046" pname="b" oct="4"/>

<accid value="n"/>

</note>

<note xml:id="d1e1067" pname="b" oct="3"/>

<accid value="n"/>

</note>

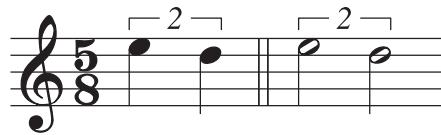
<chord xml:id="d1e1111" dur="8" dur.ges="1" stem.dir="up">

<note xml:id="d1e1111" pname="b" oct="3" dur="4" dots="1" dur.ges="3" stem.dir="up"/>

<accid value="n"/>

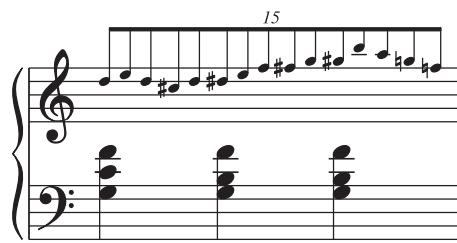
</note>

tuplet-ambig



```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema=".//mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema=".//mei19.1/ModularizationTesting/mei-all.rng"
type="xml"?>
<mei xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
  <filedesc>
    <titlestmt>
      <title/>
    </titlestmt>
    <pubstmt/>
  </filedesc>
</meihead>
<music>
  <body>
    <mdiv>
      <score>
        <scoredef meter.count="5" meter.unit="8" key.sig="0"
midi.div="1"/>
        <section>
          <measure right="dbl">
            <staff n="1">
              <layer n="1">
                <note xml:id="n1" pname="e" oct="5" dur="4" tuplet="i1"/>
                <note xml:id="n2" pname="d" oct="5" dur="4" tuplet="t1"/>
              </layer>
            </staff>
          </measure>
          <measure>
            <staff n="1">
              <layer n="1">
                <note xml:id="n3" pname="e" oct="5" dur="2" tuplet="i1"/>
                <note xml:id="n4" pname="d" oct="5" dur="2" tuplet="t1"/>
              </layer>
            </staff>
          <!-- When the tuplet duration is "irrational", @dur may contain
              multiple values that add up to the total duration. @dur.ges
          may
              be helpful here since it is based on the value of @midi.div. The
              markup here attempts to record the number of notes in a
          given
              amount of time. The written durations of the notes, captured in
              @dur attributes on the individual notes are nearly meaning-
          less.-->
            <tupletspan staff="1" startid="n1" endid="n2" num="2"
num.visible="true" bracket.visible="true" dur="2 8"
              dur.ges="2.5"/>
            <tupletspan staff="1" startid="n3" endid="n4" num="2"
num.visible="true" bracket.visible="true" dur="2 8"
              dur.ges="2.5"/>
          </measure>
        </section>
      </score>
    </mdiv>
  </body>
</music>
</mei>
```

tuplet-ambig2



```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<?oxygen SCHSchema="../../mei19.1/ModularizationTesting/mei-all.rng"?>
<?oxygen RNGSchema="../../mei19.1/ModularizationTesting/mei-all.rng" type="xml"?>
<mml xmlns:xlink="http://www.w3.org/1999/xlink" version="1.9b">
<meihead>
</filedesc>
<titlestmt>
</title>
</titlestmt>
<pubstmt>
</pubstmt>
</filedesc>
<encodingdesc>
<projectdesc>
<p>Transcoded from a MusicXML version 1.0 file on
<date>2009-11-09</date> using an XSLT stylesheet (2mei v.
2.2.1).</p>
<p>The MusicXML file was generated using SharpEye Music Reader 2.</p>
</projectdesc>
</encodingdesc>
</meihead>
<music>
<body>
<mdiv>
<score>
<scoredef meter.count="3" meter.unit="4" key.sig="0">
<staffgrp xml:id="P1" symbol="brace" label.full="Part_1">
<staffdef n="1" lines="5" clef.line="2" clef.shape="G"
midi.div="5" key.sig="0"/>
<staffdef n="2" lines="5" clef.line="4" clef.shape="F"
midi.div="5" key.sig="0"/>
</staffgrp>
</scoredef>
<section>
<scoredef meter.count="3" meter.unit="4" key.sig="0"/>
<measure n="1" xml:id="d1e12">
<staff n="1">
<layer n="1">
<!-- notes followed by tupletspan -->
<beam>
<note xml:id="d1e41" pname="d" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e66" pname="e" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e90" pname="d" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e114" pname="c" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" accid.ges="s" size="cue"/>
<accid value="s"/>
</note>
<note xml:id="d1e142" pname="d" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e166" pname="d" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" accid.ges="s" size="cue"/>
<accid value="s"/>
<note xml:id="d1e194" pname="e" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e218" pname="f" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e242" pname="f" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" accid.ges="s" size="cue"/>
<accid value="s"/>
</note>
<note xml:id="d1e270" pname="g" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e295" pname="g" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" accid.ges="s" size="cue"/>
<accid value="s"/>
</note>
<note xml:id="d1e323" pname="b" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e347" pname="a" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e371" pname="g" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<accid value="n"/>
</note>
<note xml:id="d1e397" pname="f" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<accid value="n"/>
</note>
</beam>
<tupletspan staff="1" startid="d1e41" endid="d1e397" num="15"
numbase="6" num.visible="true" num.place="above" dur="2" dots="1"
num.format="count"/>
</layer>
<staff n="2">
<layer n="1">
<chord xml:id="d23e1" dur="4" dur.ges="5" stem.dir="down">
<note xml:id="d1e427" pname="f" oct="4"/>
<note xml:id="d1e444" pname="c" oct="4"/>
<note xml:id="d1e462" pname="g" oct="3"/>
</chord>
<chord xml:id="d30e1" dur="4" dur.ges="5" stem.dir="down">
<note xml:id="d1e480" pname="f" oct="4"/>
<note xml:id="d1e497" pname="b" oct="3"/>
<note xml:id="d1e516" pname="g" oct="3"/>
</chord>
<chord xml:id="d37e1" dur="4" dur.ges="5" stem.dir="down">
<note xml:id="d1e534" pname="f" oct="4"/>
<note xml:id="d1e551" pname="b" oct="3"/>
<note xml:id="d1e569" pname="g" oct="3"/>
</chord>
</layer>
</staff>
<tupletspan staff="1" startid="d1e41" endid="d1e397" num="15"
numbase="6" num.visible="true" num.place="above"
num.format="count"/>
</measure>
</section>
<section restart="true">
<measure n="1" xml:id="d1e12_1">
<staff n="1">
<layer n="1">
<!-- tuplet element -->
<tuplet num="15" numbase="6" num.visible="true"
num.place="above" num.format="count" dur="2" dots="1">
<beam><note xml:id="d1e41_1" pname="d" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e66_1" pname="e" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e90_1" pname="d" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e114_1" pname="c" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" accid.ges="s" size="cue"/>
<accid value="s"/>
</note>
<note xml:id="d1e142_1" pname="d" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e166_1" pname="d" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" accid.ges="s" size="cue"/>
<accid value="s"/>
</note>
<note xml:id="d1e194_1" pname="e" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e218_1" pname="f" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e242_1" pname="f" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" accid.ges="s" size="cue"/>
<accid value="s"/>
</note>
<note xml:id="d1e270_1" pname="g" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e295_1" pname="g" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" accid.ges="s" size="cue"/>
<accid value="s"/>
</note>
<note xml:id="d1e323_1" pname="b" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e347_1" pname="a" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<note xml:id="d1e371_1" pname="g" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<accid value="n"/>
</note>
<note xml:id="d1e397_1" pname="f" oct="5" dur="8" dur.ges="1"
tuplet="1" stem.dir="up" size="cue"/>
<accid value="n"/>
</note>
</tupletspan>
<layer n="1">
<chord xml:id="d23e1_1" dur="4" dur.ges="5" stem.dir="down">

```

tuplet-nested