

'AAA-intro-regression.ly'

MusicXML regression and coverage test

This document presents proofs for the musicxml2ly script provided with LilyPond 2.11.58. The files don't have a description yet, so there is no official indication when the output is wrong. These snippets are provided as unit test files in MusicXML, converted to a .ly file by musicxml2ly and then processed by lilypond as usual.

If something does not seem right in the output, it might either be that this feature has not been implemented yet, has been wrongly implemented, or a regression has crept in recently... This document is intended for finding bugs and for documenting bugfixes.

In the web version of this document, you can click on the file name or figure for each example to see the corresponding .ly intermediary file.

TODO: Find a way to add a description to the .ly files for texinfo.

The files are categorized by their first two digits with the following meaning:

- 00 ... Basics: Pitches, durations, rests, clefs, keys, time sigs, ties, etc.
- 01 ... Chords
- 02 ... MusicXML notations and articulations (articulations, ornaments, technicals, text markup)
- 03 ... MusicXML directions (dynamics; single symbols, not spanners like hairpins)
- 04 ... Spanners (hairpin, octave shift, trill, glissando, etc.)
- 05 ... Header information (title, composer, poet, etc.)
- 06 ... Lyrics
- 08 ... Multiple parts (staves)
- 09 ... Measure issues: Repeats, barlines, pickup measures, mid-measure barlines/repeats
- 10 ... Multiple voices per staff
- 12 ... Triplets, Tuplets
- 13 ... Grace notes
- 14 ... Multi-staff parts (one voice on multiple staves, e.g. PianoStaff)
- 15 ... Percussion
- 17 ... Guitar notation: Chord names, Fretboards, Tablature notation
- 18 ... Figured bass
- 19 ... Page layout: font/paper size, margins, spacing
- 20 ... Compressed MusicXML files
- 99 ... Compatibility modes with broken MusicXML exporters (i.e. ignore beams for Sibelius 5)

(left blank intentionally)

'00a-Basics-Pitches.ly'

Pitches and accidentals

Reinhold Kainhofer



7

12

17

22

'00b-Basics-Intervals.ly'

Various pitches and interval sizes

11

21

31

'00c-Basics-Durations.ly'

Note durations

Reinhold Kainhofer

Three staves of musical notation in 4/4 time, showing various note durations. The first staff starts at measure 16 and ends at measure 24. The second staff starts at measure 24 and ends at measure 28. The third staff starts at measure 28 and ends at measure 32. The notation includes whole, half, quarter, eighth, and sixteenth notes, as well as rests.

'00d-Basics-RestDurations.ly'

Rest unit test

Reinhold Kainhofer

Four staves of musical notation. The first three staves show a single whole rest on a treble clef staff. The fourth staff shows a sequence of eighth and sixteenth notes, including beamed eighth notes and sixteenth notes, followed by a double bar line.

'00e-Basics-PitchedRests-PJB.ly'

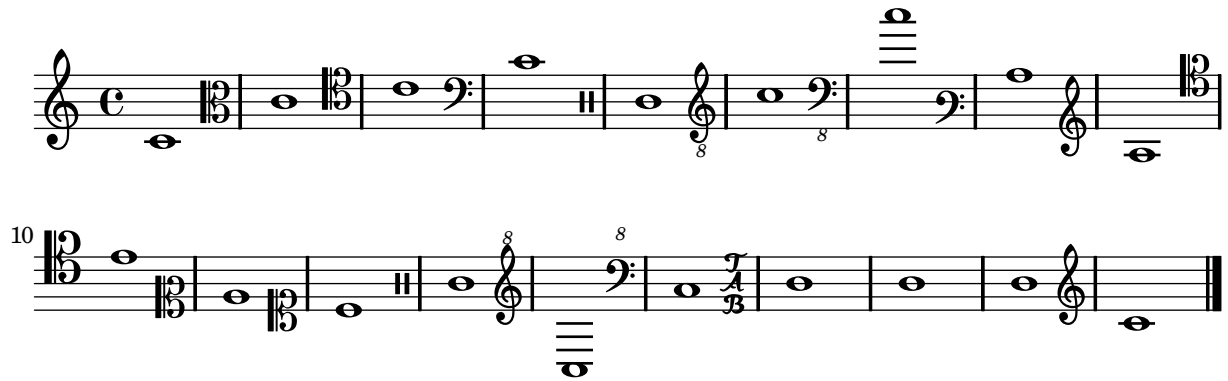
MIDI Track 1

A single staff of musical notation in 5/4 time, showing a sequence of eighth and sixteenth notes, including beamed eighth notes and sixteenth notes, followed by a double bar line.

'00f-Basics-Clefs.ly'

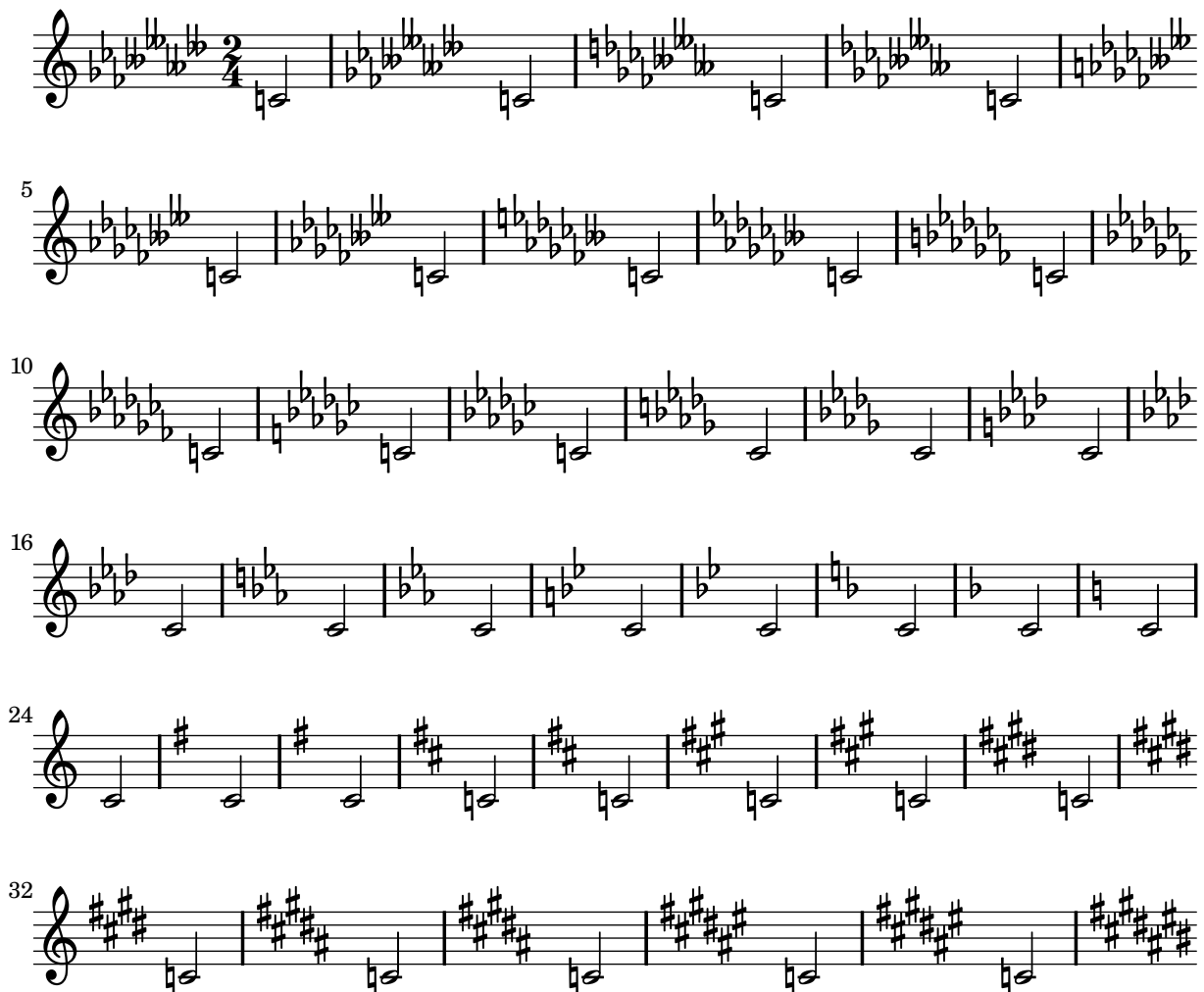
Finale Clef test

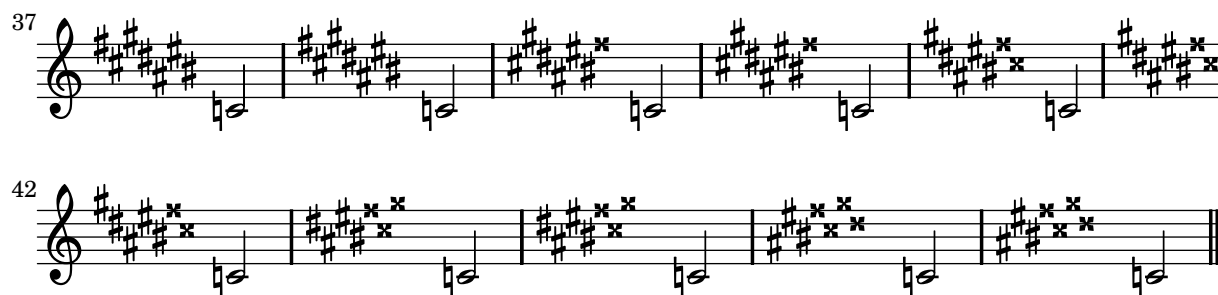
Reinhold Kainhofer



'00g-Basics-Keys.ly'

Different Key signatures





'00h-Basics-TimeSignatures.ly'

Different time signatures



'00i-Basics-NoKeyOrClef.ly'

No key or clef given



'00j-Basics-NoTime-PJB.ly'

No time signature given



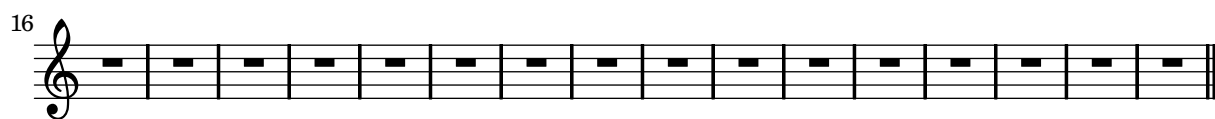
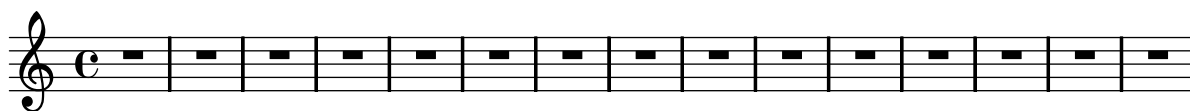
'00k-Basics-Backup.ly'

Backup not to 0 in second voice



'00l-Basics-MultiMeasureRests.ly'

Multi-Measure rests



‘001-Basics-Tie-PJB.ly’

A tie



‘01a-Chord-Rosegarden.ly’

/home/reinhold/lilypond-dev-files/01_chord.xml



Chord test

‘01b-Chords-Rosegarden.ly’

/home/reinhold/lilypond-dev-files/MusicXML/01b_Ch



Chord test

‘01c-Chords-Rosegarden.ly’

/home/reinhold/lilypond-dev-files/MusicXML/01c_Ch



Chord test

‘01d-Chords-SchubertStabatMater.ly’

/home/reinhold/lilypond-dev-files/MusicXML/01c_Ch



Chord test

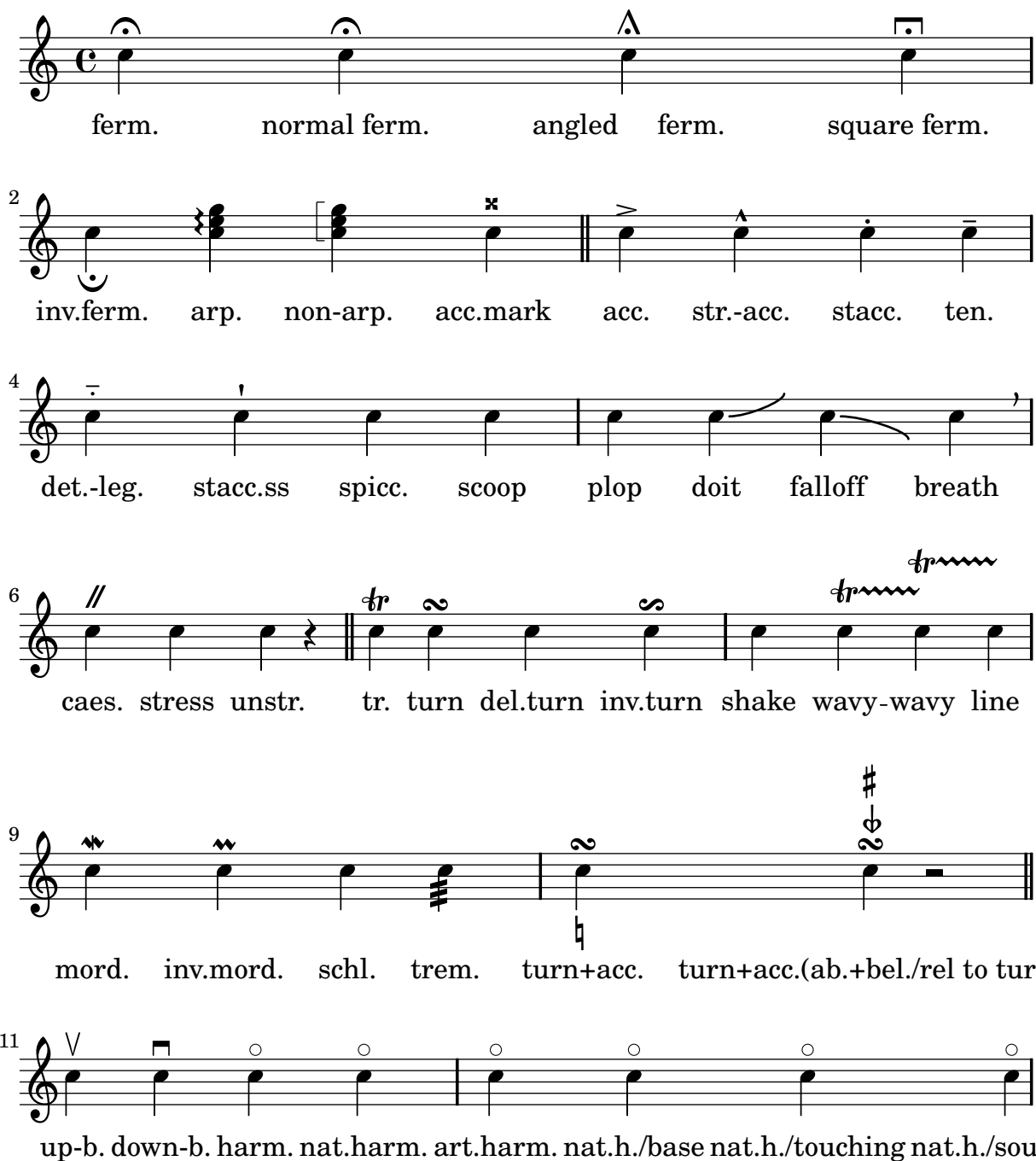
'01e-Chords-PickupMeasures.ly'

Chord detection messed up



'02a-Notations-MusicXML.ly'

MusicXML notations (attached to note)



1
ferm. normal ferm. angled ferm. square ferm.

2
inv.ferm. arp. non-arp. acc.mark acc. str.-acc. stacc. ten.

4
det.-leg. stacc.ss spicc. scoop plop doit falloff breath

6
caes. stress unstr. tr. turn del.turn inv.turn shake wavy-wavy line

9
mord. inv.mord. schl. trem. turn+acc. turn+acc.(ab.+bel./rel to turn)

11
up-b. down-b. harm. nat.harm. art.harm. nat.h./base nat.h./touching nat.h./sounding

13

open-str. thumb-pos. empty fing. fing.1 fing.2 fing.3 fing.4 fing.5

15

something
fing.sth. mult.fing. empty pluck pluck a dbl.tng. trpl.tng. stopped snp.pizz.

17

empty fret fret0 empty str. str. 5 hammer - on pull - off

19

bend b.3 with-bar pre-b. -0.5 b. release 3.5 tap tap T heel toe

21

fingern. *f ppp sfp sffz*
f ppp sfp Oth.dyn. both above ab./bel./bel.

'02b-Articulations-Texts-PJB.ly'

Bold, Large

Normal, Small

Bold, Small

Normal, Large

Bold, Medium

Normal, Medium

Normal, Small, Colored, Below

'02c-MultipleNotationChildren-RFK.ly'

Multiple notation and articulation children

'02d-Arpeggio.ly'

Arpeggios in MusicXML

normal up normal down normal non-arp. normal

'03a-Directions-MusicXML.ly'

MusicXML directions (attached to staff)

reh.A (def=sq.) reh.B (none) reh.Test (sq.) reh.Crc (crc.)

Segno Coda Words Eyegl. p pp ppp pppp ppppp pppppp f ff

fff fffff ffffff mp mf sf sfp sfpp fp rf rfz sfz sffz fz abc-ffz

hairpin - cresc dash - es bra - cket oct. - shift pedal - change mark

Metr. Harp ped. Damp Damp all Scord. Accordion reg. subito ppp crescto fff

'03b-AccordionRegistrations-MusicXML.ly'

Accordion registrations

Figure 1 shows two musical staves. The top staff is a treble clef with a common time signature 'C'. It contains 12 notes, each with a circular icon above it. The icons represent different states of a 3-bit register. Below the staff are 12 labels: 0/0/1, 0/1/0, 0/1/1, 0/2/0, 0/2/1, 0/3/0, 0/3/1, 1/0/1, 1/0/0, 1/1/0, 1/1/1, 1/2/0. The bottom staff is a treble clef with a 4-measure time signature. It contains 8 notes, each with a circular icon above it. Below the staff are 8 labels: 1/2/1, 1/3/0, 1/3/1, empty, empty M, inval.M, M=0, M=5.

Tempo markings

'04a-Spanners-Finale.ly'

Spanners Test

The image shows a musical score for the song "The Rose Tree". It consists of two staves of music in G major (one sharp, F#) and 4/4 time. The first staff contains the first four measures of the melody. The second staff contains the next four measures, starting with a measure rest for 6 measures. The melody is written in a treble clef. The notes are: G4 (quarter), A4 (quarter), B4 (quarter), C5 (quarter), B4-A4 (beamed eighth notes), G4 (quarter), F#4 (quarter), E4 (quarter), D4 (half), C4 (half), B3 (quarter), A3 (quarter), G3 (quarter), F#3 (quarter), E3 (quarter), D3 (half), C3 (half), B2 (quarter), A2 (quarter), G2 (quarter), F#2 (quarter), E2 (quarter), D2 (half), C2 (half), B1 (quarter), A1 (quarter), G1 (quarter), F#1 (quarter), E1 (quarter), D1 (half), C1 (half), B0 (quarter), A0 (quarter), G0 (quarter), F#0 (quarter), E0 (quarter), D0 (half), C0 (half), B-1 (quarter), A-1 (quarter), G-1 (quarter), F#-1 (quarter), E-1 (quarter), D-1 (half), C-1 (half), B-2 (quarter), A-2 (quarter), G-2 (quarter), F#-2 (quarter), E-2 (quarter), D-2 (half), C-2 (half), B-3 (quarter), A-3 (quarter), G-3 (quarter), F#-3 (quarter), E-3 (quarter), D-3 (half), C-3 (half), B-4 (quarter), A-4 (quarter), G-4 (quarter), F#-4 (quarter), E-4 (quarter), D-4 (half), C-4 (half), B-5 (quarter), A-5 (quarter), G-5 (quarter), F#-5 (quarter), E-5 (quarter), D-5 (half), C-5 (half), B-6 (quarter), A-6 (quarter), G-6 (quarter), F#-6 (quarter), E-6 (quarter), D-6 (half), C-6 (half), B-7 (quarter), A-7 (quarter), G-7 (quarter), F#-7 (quarter), E-7 (quarter), D-7 (half), C-7 (half), B-8 (quarter), A-8 (quarter), G-8 (quarter), F#-8 (quarter), E-8 (quarter), D-8 (half), C-8 (half), B-9 (quarter), A-9 (quarter), G-9 (quarter), F#-9 (quarter), E-9 (quarter), D-9 (half), C-9 (half), B-10 (quarter), A-10 (quarter), G-10 (quarter), F#-10 (quarter), E-10 (quarter), D-10 (half), C-10 (half), B-11 (quarter), A-11 (quarter), G-11 (quarter), F#-11 (quarter), E-11 (quarter), D-11 (half), C-11 (half), B-12 (quarter), A-12 (quarter), G-12 (quarter), F#-12 (quarter), E-12 (quarter), D-12 (half), C-12 (half), B-13 (quarter), A-13 (quarter), G-13 (quarter), F#-13 (quarter), E-13 (quarter), D-13 (half), C-13 (half), B-14 (quarter), A-14 (quarter), G-14 (quarter), F#-14 (quarter), E-14 (quarter), D-14 (half), C-14 (half), B-15 (quarter), A-15 (quarter), G-15 (quarter), F#-15 (quarter), E-15 (quarter), D-15 (half), C-15 (half), B-16 (quarter), A-16 (quarter), G-16 (quarter), F#-16 (quarter), E-16 (quarter), D-16 (half), C-16 (half), B-17 (quarter), A-17 (quarter), G-17 (quarter), F#-17 (quarter), E-17 (quarter), D-17 (half), C-17 (half), B-18 (quarter), A-18 (quarter), G-18 (quarter), F#-18 (quarter), E-18 (quarter), D-18 (half), C-18 (half), B-19 (quarter), A-19 (quarter), G-19 (quarter), F#-19 (quarter), E-19 (quarter), D-19 (half), C-19 (half), B-20 (quarter), A-20 (quarter), G-20 (quarter), F#-20 (quarter), E-20 (quarter), D-20 (half), C-20 (half), B-21 (quarter), A-21 (quarter), G-21 (quarter), F#-21 (quarter), E-21 (quarter), D-21 (half), C-21 (half), B-22 (quarter), A-22 (quarter), G-22 (quarter), F#-22 (quarter), E-22 (quarter), D-22 (half), C-22 (half), B-23 (quarter), A-23 (quarter), G-23 (quarter), F#-23 (quarter), E-23 (quarter), D-23 (half), C-23 (half), B-24 (quarter), A-24 (quarter), G-24 (quarter), F#-24 (quarter), E-24 (quarter), D-24 (half), C-24 (half), B-25 (quarter), A-25 (quarter), G-25 (quarter), F#-25 (quarter), E-25 (quarter), D-25 (half), C-25 (half), B-26 (quarter), A-26 (quarter), G-26 (quarter), F#-26 (quarter), E-26 (quarter), D-26 (half), C-26 (half), B-27 (quarter), A-27 (quarter), G-27 (quarter), F#-27 (quarter), E-27 (quarter), D-27 (half), C-27 (half), B-28 (quarter), A-28 (quarter), G-28 (quarter), F#-28 (quarter), E-28 (quarter), D-28 (half), C-28 (half), B-29 (quarter), A-29 (quarter), G-29 (quarter), F#-29 (quarter), E-29 (quarter), D-29 (half), C-29 (half), B-30 (quarter), A-30 (quarter), G-30 (quarter), F#-30 (quarter), E-30 (quarter), D-30 (half), C-30 (half), B-31 (quarter), A-31 (quarter), G-31 (quarter), F#-31 (quarter), E-31 (quarter), D-31 (half), C-31 (half), B-32 (quarter), A-32 (quarter), G-32 (quarter), F#-32 (quarter), E-32 (quarter), D-32 (half), C-32 (half), B-33 (quarter), A-33 (quarter), G-33 (quarter), F#-33 (quarter), E-33 (quarter), D-33 (half), C-33 (half), B-34 (quarter), A-34 (quarter), G-34 (quarter), F#-34 (quarter), E-34 (quarter), D-34 (half), C-34 (half), B-35 (quarter), A-35 (quarter), G-35 (quarter), F#-35 (quarter), E-35 (quarter), D-35 (half), C-35 (half), B-36 (quarter), A-36 (quarter), G-36 (quarter), F#-36 (quarter), E-36 (quarter), D-36 (half), C-36 (half), B-37 (quarter), A-37 (quarter), G-37 (quarter), F#-37 (quarter), E-37 (quarter), D-37 (half), C-37 (half), B-38 (quarter), A-38 (quarter), G-38 (quarter), F#-38 (quarter), E-38 (quarter), D-38 (half), C-38 (half), B-39 (quarter), A-39 (quarter), G-39 (quarter), F#-39 (quarter), E-39 (quarter), D-39 (half), C-39 (half), B-40 (quarter), A-40 (quarter), G-40 (quarter), F#-40 (quarter), E-40 (quarter), D-40 (half), C-40 (half), B-41 (quarter), A-41 (quarter), G-41 (quarter), F#-41 (quarter), E-41 (quarter), D-41 (half), C-41 (half), B-42 (quarter), A-42 (quarter), G-42 (quarter), F#-42 (quarter), E-42 (quarter), D-42 (half), C-42 (half), B-43 (quarter), A-43 (quarter), G-43 (quarter), F#-43 (quarter), E-43 (quarter), D-43 (half), C-43 (half), B-44 (quarter), A-44 (quarter), G-44 (quarter), F#-44 (quarter), E-44 (quarter), D-44 (half), C-44 (half), B-45 (quarter), A-45 (quarter), G-45 (quarter), F#-45 (quarter), E-45 (quarter), D-45 (half), C-45 (half), B-46 (quarter), A-46 (quarter), G-46 (quarter), F#-46 (quarter), E-46 (quarter), D-46 (half), C-46 (half), B-47 (quarter), A-47 (quarter), G-47 (quarter), F#-47 (quarter), E-47 (quarter), D-47 (half), C-47 (half), B-48 (quarter), A-48 (quarter), G-48 (quarter), F#-48 (quarter), E-48 (quarter), D-48 (half), C-48 (half), B-49 (quarter), A-49 (quarter), G-49 (quarter), F#-49 (quarter), E-49 (quarter), D-49 (half), C-49 (half), B-50 (quarter), A-50 (quarter), G-50 (quarter), F#-50 (quarter), E-50 (quarter), D-50 (half), C-50 (half), B-51 (quarter), A-51 (quarter), G-51 (quarter), F#-51 (quarter), E-51 (quarter), D-51 (half), C-51 (half), B-52 (quarter), A-52 (quarter), G-52 (quarter), F#-52 (quarter), E-52 (quarter), D-52 (half), C-52 (half), B-53 (quarter), A-53 (quarter), G-53 (quarter), F#-53 (quarter), E-53 (quarter), D-53 (half), C-53 (half), B-54 (quarter), A-54 (quarter), G-54 (quarter), F#-54 (quarter), E-54 (quarter), D-54 (half), C-54 (half), B-55 (quarter), A-55 (quarter), G-55 (quarter), F#-55 (quarter), E-55 (quarter), D-55 (half), C-55 (half), B-56 (quarter), A-56 (quarter), G-56 (quarter), F#-56 (quarter), E-56 (quarter), D-56 (half), C-56 (half), B-57 (quarter), A-57 (quarter), G-57 (quarter), F#-57 (quarter), E-57 (quarter), D-57 (half), C-57 (half), B-58 (quarter), A-58 (quarter), G-58 (quarter), F#-58 (quarter), E-58 (quarter), D-58 (half), C-58 (half), B-59 (quarter), A-59 (quarter), G-59 (quarter), F#-59 (quarter), E-59 (quarter), D-59 (half), C-59 (half), B-60 (quarter), A-60 (quarter), G-60 (quarter), F#-60 (quarter), E-60 (quarter), D-60 (half), C-60 (half), B-61 (quarter), A-61 (quarter), G-61 (quarter), F#-61 (quarter), E-61 (quarter), D-61 (half), C-61 (half), B-62 (quarter), A-62 (quarter), G-62 (quarter), F#-62 (quarter), E-62 (quarter), D-62 (half), C-62 (half), B-63 (quarter), A-63 (quarter), G-63 (quarter), F#-63 (quarter), E-63 (quarter), D-63 (half), C-63 (half), B-64 (quarter), A-64 (quarter), G-64 (quarter), F#-64 (quarter), E-64 (quarter), D-64 (half), C-64 (half), B-65 (quarter), A-65 (quarter), G-65 (quarter), F#-65 (quarter), E-65 (quarter), D-65 (half), C-65 (half), B-66 (quarter), A-66 (quarter), G-66 (quarter), F#-66 (quarter), E-66 (quarter), D-66 (half), C-66 (half), B-67 (quarter), A-67 (quarter), G-67 (quarter), F#-67 (quarter), E-67 (quarter), D-67 (half), C-67 (half), B-68 (quarter), A-68 (quarter), G-68 (quarter), F#-68 (quarter), E-68 (quarter), D-68 (half), C-68 (half), B-69 (quarter), A-69 (quarter), G-69 (quarter), F#-69 (quarter), E-69 (quarter), D-69 (half), C-69 (half), B-70 (quarter), A-70 (quarter), G-70 (quarter), F#-70 (quarter), E-70 (quarter), D-70 (half), C-70 (half), B-71 (quarter), A-71 (quarter), G-71 (quarter), F#-71 (quarter), E-71 (quarter), D-71 (half), C-71 (half), B-72 (quarter), A-72 (quarter), G-72 (quarter), F#-72 (quarter), E-72 (quarter), D-72 (half), C-72 (half), B-73 (quarter), A-73 (quarter), G-73 (quarter), F#-73 (quarter), E-73 (quarter), D-73 (half), C-73 (half), B-74 (quarter), A-74 (quarter), G-74 (quarter), F#-74 (quarter), E-74 (quarter), D-74 (half), C-74 (half), B-75 (quarter), A-75 (quarter), G-75 (quarter), F#-75 (quarter), E-75 (quarter), D-75 (half), C-75 (half), B-76 (quarter), A-76 (quarter), G-76 (quarter), F#-76 (quarter), E-76 (quarter), D-76 (half), C-76 (half), B-77 (quarter), A-77 (quarter), G-77 (quarter), F#-77 (quarter), E-77 (quarter), D-77 (half), C-77 (half), B-78 (quarter), A-

Glissando and Slide in MusicXML

3

wavy normal slide solid (+text) dashed dotted wavy

‘04c-Spanners-Notedit.ly’

Staff 1

‘04d-Spanners-JScore.ly’

JScore Spanners Test

Reinhold Kainhofer

Voice 1

‘04e-OctaveShifts-Finale.ly’

Octave shift test case

Reinhold Kainhofer

‘05a-HeaderQuotes-Finale.ly’

"Quotes" in header fields

Some "Tester" Name

Staff "Test"

‘06a-Lyrics-Finale.ly’

Trala-li Ja! Tra - ra!

‘06b-MultipleLyrics-Finale.ly’

Finale Multiple Lyrics

Reinhold Kainhofer



1. Tra - la - la, ja! Tra - ra...
2. tra - la - la, ja! Tra - ra.
3. TRALALA, JA! TRA-RA...

‘06c-Lyrics-Pianostaff-Finale.ly’

Lyrics test with Piano Staff

Reinhold Kainhofer



tra - la - li ja! tra - ra!
TRALALI JA! TRA-RA!

‘06d-Lyrics-Melisma-Finale.ly’

Lyrics and melismata (ignore them)



Me - lis - ma.

‘06e-Lyrics-Chords-Finale.ly’

Lyrics on Chords



Lyrics on chords

‘06f-Lyrics-GracedNotes-Finale.ly’

Lyrics on notes with graces



‘06g-Lyrics-NameNumber.ly’

Lyrics attributes: name and number

Reinhold Kainhofer



Verse1AChorus1AAnotherChorus1A1BVerse1CChorus1D
Chorus1A - 2B - Chorus2C - VerseE - NoneF

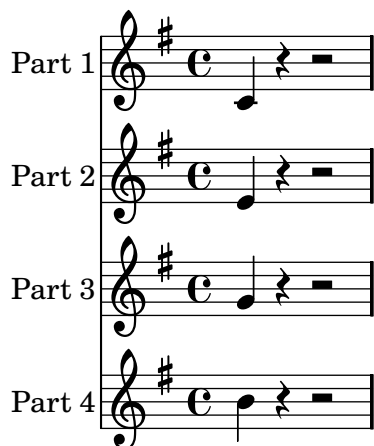
‘06h-Lyrics-BeamsMelismata.ly’

Lyrics and melismata



‘08a-Partorder-Rosegarden.ly’

Part order test



‘08b-StaffGroups-Finale.ly’

Bar/Staff test

Piccolo

Flute 1

Flute 2

Oboe through Clarinet in Bb

Oboe

English Horn

Clarinet in Bb 1

Clarinet in Bb 2

Bass Clarinet

Bassoon 1

Bassoon 2

Contrabassoon

Horn in F 1

Horn in F 2

Trumpet in C 1

Trumpet in C 2

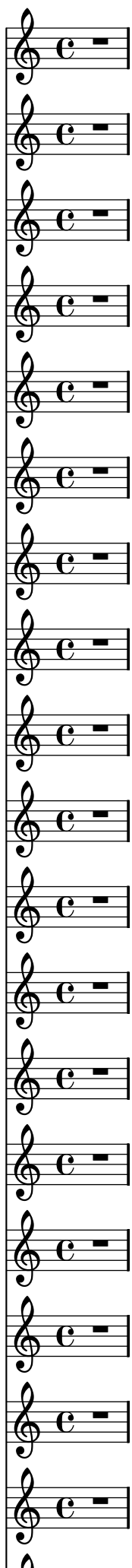
Trombone 1

Trombone 2

This image shows a musical score for a woodwind and brass section. The instruments are listed on the left, and their corresponding staves are on the right. The staves are grouped by brackets. The instruments are: Piccolo, Flute 1, Flute 2, Oboe through Clarinet in Bb, Oboe, English Horn, Clarinet in Bb 1, Clarinet in Bb 2, Bass Clarinet, Bassoon 1, Bassoon 2, Contrabassoon, Horn in F 1, Horn in F 2, Trumpet in C 1, Trumpet in C 2, Trombone 1, and Trombone 2. The music is written in common time (C) and features a single note (G) on the first staff of each instrument, followed by a rest. The key signature is one sharp (F#).

‘08c-More-than-10-parts-Rosegarden.ly’

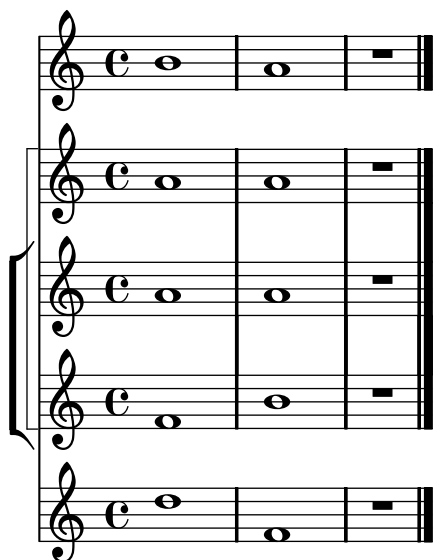
/home/reinhold/lilypond-dev-files/09_more_than_10_parts



‘08d-NestedPartsBrackets-Finale.ly’

Part test

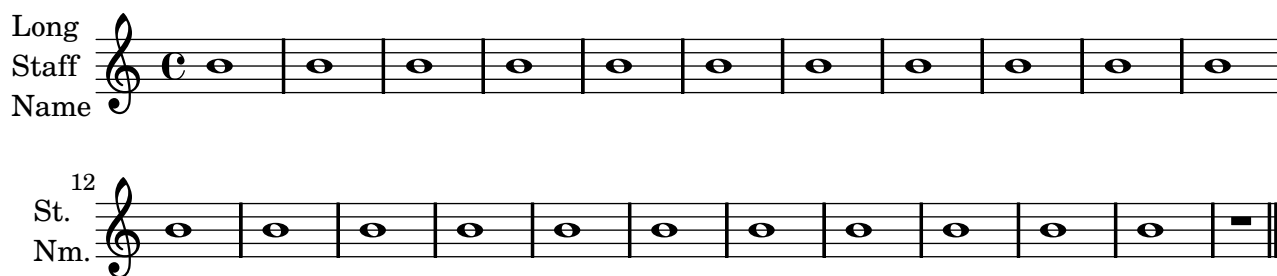
Reinhold Kainhofer



‘08e-LinebrokenInstrumentNames-Finale.ly’

Score with multi-line instrument names

Reinhold Kainhofer



‘08f-PianoStaff-PJB.ly’



‘08g-OverlappingPartGroups-Finale.ly’

Overlapping part groups

In MusicXML groups can overlap (Grp1: #1-4, G

In Lilypond, overlaps are not possible: Grp2 ends at #4

Group 1

Group 2

‘09a-SimpleRepeat-Finale.ly’

‘09b-RepeatWithAlternatives-Finale.ly’

‘09c-Barlines-Finale.ly’

Barline test

Reinhold Kainhofer

‘09d-RepeatMultipleTimes-Finale.ly’

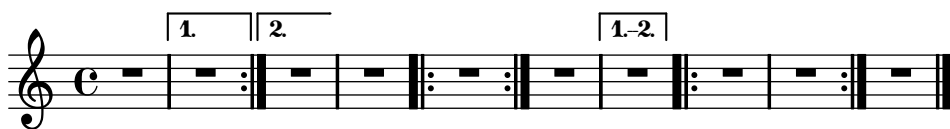
‘09e-Alternatives-Finale.ly’

Alternatives Test

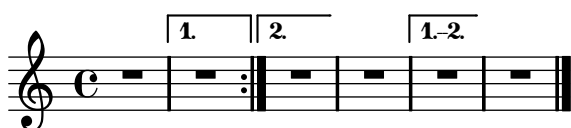
‘09f-Repeats-Finale.ly’

Finale Repeat test

Reinhold Kainhofer

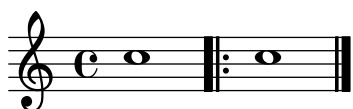


‘09g-Endings-Finale.ly’



‘09h-RepeatsNoEndBar-Finale.ly’

Repeat without ending repeat bar



‘09i-MidmeasureBarline.ly’

Barlines can appear in mid-measure positions



‘09j-Midmeasure-Clef-Finale.ly’

Mid-measure clef-change

Reinhold Kainhofer



‘09k-Upbeats-ImplicitMeasures-Finale.ly’

Upbeats, implicit measure, incomplete final measure




```
'09l-PickupMeasure-SecondVoiceMessup.ly'
```

Begin of second voice messed up with pickup measure

Voice 2 should start at 2nd beat of first full measure



'10a-TwoVoicesOnStaff-Finale.ly'

Two Voices share one Staff

Reinhold Kainhofer



This is the lyrics of
This is the lyrics of

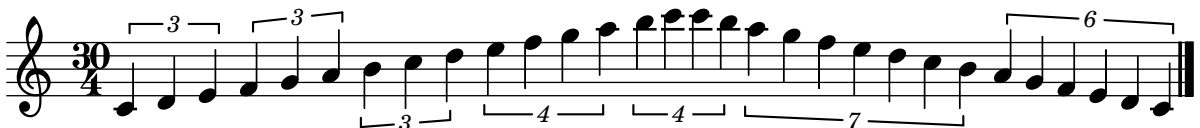
'12a-TripletsDuration-NoBracket-PJB.ly'



'12b-Tuplets-Finale.ly'

Finale tuplet test

Reinhold Kainhofer



'13a-GraceNotes-Finale.ly'

Grace note test

Reinhold Kainhofer



‘13b-ChordAsGraceNote-Finale.ly’

Chord as a grace note

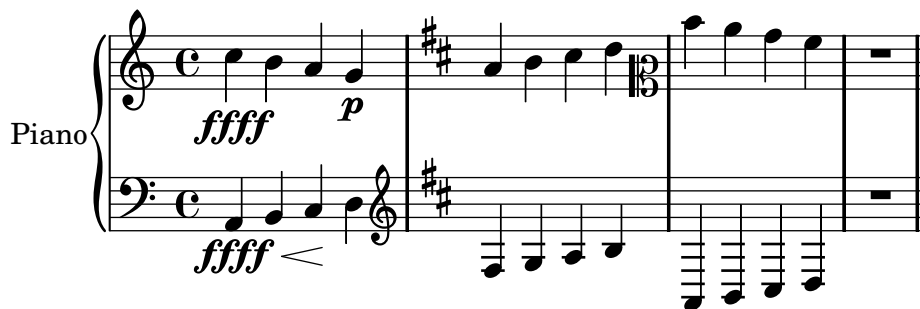
Reinhold Kainhofer



‘14a-MultistaffClefDynamics-Finale.ly’

Piano staff with dynamics and one-staff clef changes

Reinhold Kainhofer



‘14b-DifferentKeys-PJB.ly’



‘14b-DifferentKeysAfterBackup-PJB.ly’

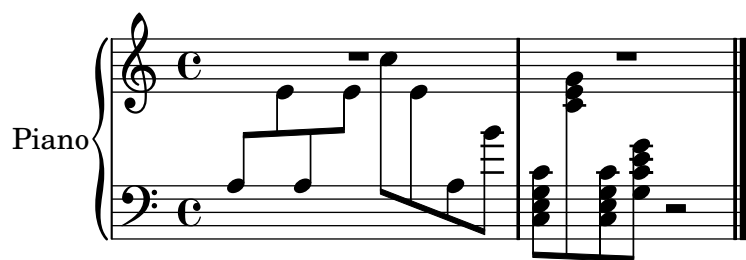


‘14c-StaffChange-Finale.ly’

Staff change in piano staff

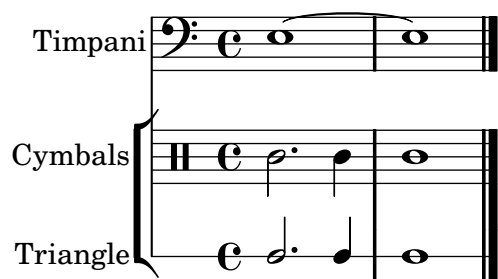
The voice from the second staff has some notes/chor

The final two chords have some notes on the first, some on the second staff



‘15a-Percussion-Finale.ly’

Percussion Staves



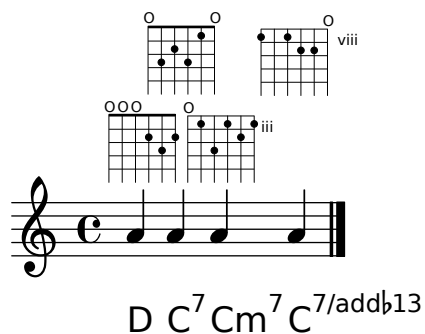
‘17a-Chords-Finale.ly’

Chordnames example



‘17b-Fretboards-Finale.ly’

Fretboards



‘17c-ChordsFrets-Finale.ly’

Chords and fretboards example

A musical score for a single staff in C major, 4/4 time. The melody consists of the notes C4, E4, G4, B4, A4, G4, F#4, E4, D#4, C5. Above the staff are nine guitar fretboard diagrams for the following chords: C (open), C (open), CΔ/add#11 (open), B7/#5/#9 (open), Eb sus2/add3 (open), Gm (open), D# (open), A°7 (open), and C (open). The diagrams show fingerings: ii for CΔ, xi for B7, iii for Eb, and open for the others.

C C C Δ /add#11 B $7/\#5/\#9$ E \flat sus2/add3 Gm D# A $^{\circ}7$ C

‘17d-ChordsFretsOnMultistaff-Finale.ly’

Chords and fretboards on multi-staff, multi-voice piece

A musical score for a piano multi-staff piece in C major, 4/4 time. The score is for the right hand (treble clef) and left hand (bass clef). The right hand melody consists of the notes C4, E4, G4, B4, A4, G4, F#4, E4, D#4, C5. The left hand accompaniment consists of the notes C4, E4, G4, B4, A4, G4, F#4, E4, D#4, C5. Above the right hand staff are four guitar fretboard diagrams for the following chords: Ebm9 (open), C D7 (open), Cm (open), and G# (open). Above the left hand staff are four guitar fretboard diagrams for the following chords: Ebm9 (open), C D7 (open), Cm (open), and G# (open). The diagrams show fingerings: iv for Ebm9, iii for C D7, and iv for Cm and G#.

Piano

E \flat m 9 C D 7 Cm $7/\text{add}11$ $7/\flat9/13/\text{sus}4$ G#

‘17e-TabStaves-Finale.ly’

Tablatures

Guitar
 Guitar
 Guitar
 Guitar
 Bass Guitar
 Banjo
 Lute
 Ukulele

‘17f-AllChordTypes.ly’

All MusicXML chord names/types with <root>

C
major
 Cm
minor
 C+
augmented
 C°
diminished

C⁷
dominant
 C^Δ
major-seventh
 Cm⁷
minor-seventh
 C^{°7}
diminished-seventh

C^{7/#5}
augmented-seventh
 C[°]
half-diminished
 Cm^Δ
major-minor
 C⁶
major-sixth

4

Cm^6 C^9 $C^{\Delta 9}$ Cm^9

minor-sixth dominant-ninth major-ninth minor-ninth

5

C^{11} $C^{\Delta 11}$ Cm^{11} C^{13}

dominant-11th major-11th minor-11th dominant-13th

6

$C^{\Delta 13}$ Cm^{13} C^{sus2} C^{sus4}

major-13th minor-13th suspended-second suspended-fourth

7

Neapolitan Italians French German pedal power Tristan other

9

F^\sharp F^\flat/C G^\sharp/D^\sharp C $C^{\flat 5}$ $E^{\flat 4/sus\flat 4/add\flat 3}$

Inversion F^\flat/C G^\sharp/D^\sharp C $C-3+5b$ $C-1+6b$

'18a-FiguredBass.ly'

Figured Bass

3 $\begin{matrix} \#1 \\ \flat 3 \\ \flat 5 \end{matrix}$ [6] $\begin{matrix} 5 \\ 4 \\ 2 \\ 7 \end{matrix}$

'19a-PageLayout-PrintMusic.ly'

Layout options

‘99a-Sibelius5-IgnoreBeaming.ly’

Ignore beaming in files from Dolet 3 for Sibelius



‘99b-Lyrics-BeamsMelismata-IgnoreBeams.ly’

Lyrics and melismata

