

'AAA-intro.ly'

Introduction

This document shows examples from the [LilyPond Snippet Repository](#).

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

This document is for LilyPond version 2.11.28

‘alignment-order.ly’

This snippet shows of to use the `alignBelowContext` and `alignAboveContext` properties, which may be needed for text elements (e.g. lyrics) positioning, but also for musical contents such as `ossias`.

The image shows three staves of musical notation in treble clef with a common time signature 'C'. The first staff contains two quarter notes. The second staff contains two quarter notes with the text 'below first staff' centered between the two staves. The third staff contains a sixteenth-note scale starting on G4, with a slur and the number '6' above it. The text 'this' is positioned above the first note, 'abovestaff' is positioned above the second note, and 'staff last' is positioned below the second note.

‘alignment-vertical-spacing.ly’

By setting properties in `NonMusicalPaperColumn`, vertical spacing of alignments can be adjusted per system.

By setting `alignment-extra-space` or `fixed-alignment-extra-space` an individual system may be stretched vertically.

For technical reasons, `\overrideProperty` has to be used for setting properties on individual objects. `\override` in a `\context` block may still be used for global overrides.

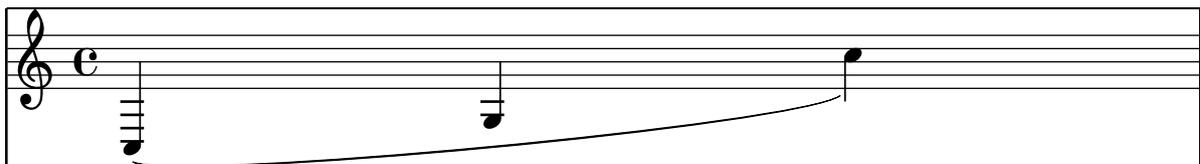
The image shows three staves of musical notation in treble clef with a common time signature 'C'. Each staff contains a single whole note. The first staff is labeled 'piano' on the left. The second staff is labeled 'normal' below it. The third staff is also labeled 'normal' below it. The vertical spacing between the staves is consistent.

The image shows three staves of musical notation in treble clef with a common time signature 'C'. Each staff contains a single whole note. The first staff is labeled 'pn' on the left. The second staff is labeled 'fixed-alignment-extra-space' below it. The third staff is also labeled 'fixed-alignment-extra-space' below it. The vertical spacing between the staves is significantly larger than in the previous example.



`'displaying-the-exact-extent-of-a-system.ly'`

If you want to see exactly what amount of space takes your system, you can display it by overriding the `#'stencil` property in the `System` context: as you can see here, the system size is determined by including every postscript element such as slurs or key symbol.



`'drawing-skyline-outline.ly'`

By setting the Scheme property `'debug-skylines`, you can turn your score into a nice funky artwork :-). More seriously, drawing this skyline can be helpful to debug spacing and collision issues. (Still, it does make your score pretty; so just try it, no matter how much you really need to...)

A musical staff in treble clef with a common time signature (C). The staff contains four measures of music. The first measure is empty. The second measure contains a quarter note on G4. The third measure contains a quarter note on A4. The fourth measure contains a quarter note on B4. Below the staff, there are two vertical bar-like structures: one on the left side and one on the right side, each consisting of a series of horizontal lines.

A musical staff in treble clef with a common time signature (C). The staff contains four measures of music. The first measure contains a quarter note on G4. The second measure contains a quarter note on A4. The third measure contains a quarter note on B4. The fourth measure contains a quarter note on C5. Below the staff, there are two vertical bar-like structures: one on the left side and one on the right side, each consisting of a series of horizontal lines.

'page-label.ly'

Page labels may be placed inside music or at top-level, and referred to in markups.

Title Page

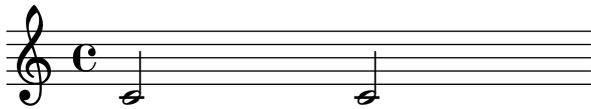
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Table of contents

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First Score	3
Mark A	3
Mark B	4
Mark C	4
Unknown label	?

3

First score



A (page 3)



4



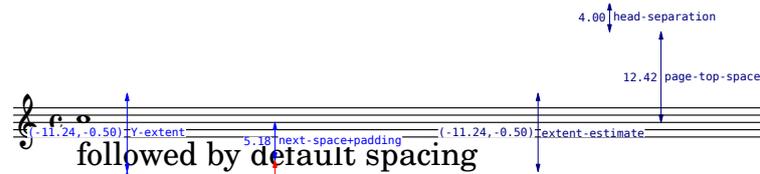
Music engraving by LilyPond 2.11.28—www.lilypond.org

`'page-spacing.ly'`

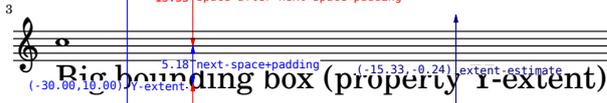
By setting properties in `NonMusicalPaperColumn`, vertical spacing of page layout can be adjusted.

For technical reasons, `overrideProperty` has to be used for setting properties on individual objects. `\override` may still be used for global overrides.

By setting `annotate-spacing`, we can see the effect of each property.



followed by default spacing



Big bounding box (property Y-extent)



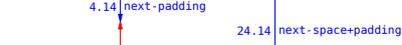
Reprints further apart (property reprint-Y-extent).
Stretchable space runs between reprints



Followed by padding, ie unstretchable space (property next-padding).



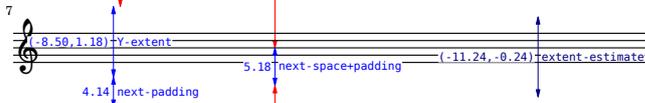
Followed by stretchable space (property next-space)



307.29 paper-height

98.21 space after next-padding

90.62 space after next-space+padding

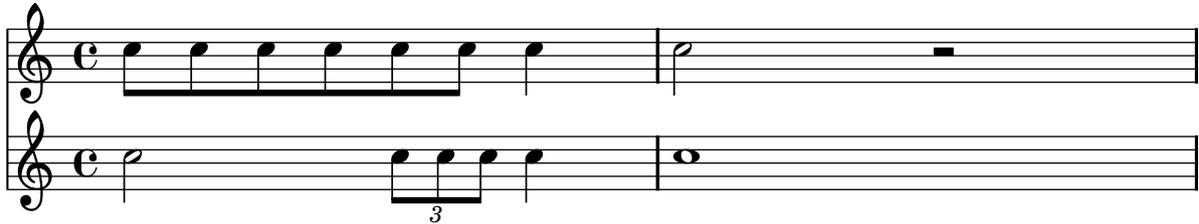


25 staff space to the bottom of the page (property bottom-space).

25.00 bottom-space left

`'proportional-spacing.ly'`

Proportional notation can be created by setting `proportionalNotationDuration`. Notes will be spaced proportional to the distance for the given duration.



`'proportional-strict-grace-notes.ly'`

With `strict-note-spacing` spacing for grace notes (even multiple ones) is floating as well.



`'proportional-strict-notespacing.ly'`

If `strict-note-spacing` is set spacing of notes is not influenced by bars or clefs part way along the system. Rather, they are put just before the note that occurs at the same time. This may cause collisions.



`'setting-the-extent-of-objects.ly'`

The object may be extended to larger sized by overriding their properties. The lyrics in this example have an extent of $(-10, 10)$, which is why they are spaced so widely.

foo - - bar baz