New features in 2.22 since 2.20

- `\compressFullBarRests` has been renamed to `\compressEmptyMeasures`, to avoid possible confusion with `\compressMMRests`. Likewise, `\expandFullBarRests` has now become `\expandEmptyMeasures`.

- A gradual change of vowel (or sustained consonant) may be indicated by adding a vowel transition between lyric syllables with the command `\vowelTransition`.

\begin{verbatim}
\addlyrics { g'2 g' }
\vowelTransition { Ah \vowelTransition oh. }
\end{verbatim}

- LilyPond for Windows (MinGW) can handle Unicode filenames on Windows 10 1903 and above.

- French beaming (`\override Stem.french-beaming = ##t`) now exactly behaves like standard (i.e., default) beaming in every respect (beam positioning and placement of any articulation, fingering, etc.). The only remaining difference are inner stems not passing through beams.

- Quarter-tone note names are now available in all the input languages.

\begin{verbatim}
\language "català"
\relative { do'4 sol' miqb re do1 }
\end{verbatim}

- All input languages (`\language` statement) can be entered using their proper UTF-8 spelling (i.e., including special characters. The missing names català and português are available now in addition to the original names catalan and portugues.

- Setting `suggestAccidentals` to 'cautionary turns only cautionary accidentals into `AccidentalSuggestions`. This can be used to distinguish between facsimile and editorial accidentals.

\begin{verbatim}
\relative {
  \key d \minor
  d''4 cis8 b? cis2
  \set suggestAccidentals = ##t
  d4 cis8 b? cis2
  \set suggestAccidentals = #'cautionary
}\end{verbatim}
The command \ambitusAfter has been added. It is used to move the ambitus to a different position.

```latex
\new Staff \with {
  \consists Ambitus_engraver
} \relative {
  \ambitusAfter key-signature
  \key d \major
  es'8 g bes cis d2
}
```

A very short fermata and Henze variants of long and short fermatas have been added.

```latex
\{  
c'1\veryshortfermata  
c'2\henzeshortfermata c'\henzelongfermata  
\}
```

Fermatas and other articulations can now be added directly to multi-measure rests. Therefore the command \fermataMarkup is deprecated.

```latex
\{  
  R1\fermata  
  R->  
  R\coda  
\}
```

Swing and irregular rhythmic patterns may now be applied to music expressions made of regular durations, which may be used to render unequal rhythmic interpretation in MIDI.

```latex
\include "swing.ly"
<<
\new Staff \with {
  \instrumentName = "ordinary"
} \repeat unfold 8 c'8
\new Staff \with {
```
• Chords may now be automatically inverted or voiced with dropped notes.
\chordmode {
\dropNote 2 {
  c2:maj7 d:m7
}
\invertChords 1 d1:maj7
}

• Some ukulele fretboard-diagrams have been fixed, and new diagrams have also been added.

• Legacy chord naming functions \banter-chord-names and \jazz-chord-names, have been removed from the main codebase, as have been the properties \chordNamesExceptionsFull and \chordNamesExceptionsPartial. As part of that rewrite, power chords are now included in the default exceptions; they will be printed correctly (with a superscript like all other chords) with no additional tweaks required, thereby removing the need for the \powerChords predefined command. Anyone interested in the legacy functions may found a (somewhat working) copy of them in the chord-names-alternative.ly snippet.

• The \partcombine command, as well as all partCombine-prefixed commands, subroutines and property names, are now written with a capital C, such as \partCombine, \partCombineApart etc. The \autochange command is now also capitalized as \autoChange.

• The New_fingering_engraver will now consider the X-align-on-main-noteheads property of the self-alignment-interface. If set to true (##t), all fingerings oriented up or down will be arranged in a straight column and aligned on the noteheads on the correct side of the stem:
{
\set fingeringOrientations = #'(up)
<e'-1 d''-4 e''-5>4 <a'-1 b'-2 fis''-5>
\set fingeringOrientations = #'(down)
<e'-1 d''-4 e''-5> <eis'-1 e''-4 fis''-5>
Skylines will now take account of the rotation property of layout objects. Rotating a crescendo hairpin by applying \override Hairpin.rotation = #'(15 0 0), for instance, will now actually have influence on the skylines and thus help to enhance spacing.

Slight padding added between natural glyphs just touching at the corners in key cancellations.

Skylines of boxes now reflect the actual box outline including rounded corners and rotation.
• Two new ornaments have been added.

\{c''2\slashturn c''\haydnturn\}

• Font glyphs for 256th, 512th, and 1024th flags and rests have been added.

• A dynamic command \n for niente has been added.

• Fret-diagrams may now be printed left-handed, setting handedness to LEFT (as a subproperty of fret-diagram-details).

\markup
\center-column { "C" "(left-handed)"
\override #"(fret-diagram-details . ((handedness ,LEFT)))
\fret-diagram "6-x;5-3-3;4-2-2;3-o;2-1;1-o;"
}

C
(left-handed)

• The output-classic-framework procedure and the -dclip-systems are now available with the SVG backend.
• An argument, \texttt{-dcrop}, has been added, formatting \texttt{SVG} and \texttt{PDF} output without margins or page-breaks.