

LilyPond

El gravador de música

Informació general

L'equip de desenvolupament del LilyPond

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Per al LilyPond versió 2.24.4

LilyPond

... notació musical per a tots



El LilyPond és un programa de gravat musical (tipografia musical o edició de partitures), consagrat a la producció de partitures de la qualitat més alta possible. Introdueix l'estètica de la música gravada de la forma tradicional a les partitures impreses mitjançant l'ordinador. LilyPond és programari lliure i forma part del Projecte GNU (<http://www.gnu.org/home.ca.html>).

Podeu llegir més a la nostra [Introducció], pàgina 3.

La bellesa de les partitures



El LilyPond és una eina poderosa i flexible per a l'edició de tota classe de partitures, ja siguin clàssiques (com l'exemple que de J.S. Bach que apareix a dalt) o de notació complexa, música antiga, música moderna, tabulatures, música vocal, fulls guia d'acords (lead sheets), materials didàctics, grans projectes orquestrals, sortida personalitzada o fins i tot gràfics de Schenker.

Admireu la nostra galeria de [\[<undefined>\]](#), pàgina [<undefined>](#), i inspireu-vos”

Notícies

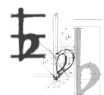
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Introducció

Les nostres metes



El LilyPond va aparèixer quan dos músics van voler anar més enllà de la inexpressiva aparença de la música impresa mitjançant ordinador. Els músics prefereixen llegir partitures boniques, així que perquè no haurien de poder els programadors crear un programari per produir partitures elegants?

El resultado es un programa que crea belles partitures seguint la millor tradició del gravat clàssic de música. S'ocupa internament dels detalls de la disposició de la música sobre el paper, permetent als compositors, transcriptors i editors centrar-se a la pròpia *música* en lloc d'estar contínuament intentant millorar l'aspecte de la sortida predeterminada del seu programa informàtic. Als intèrprets els arriben unes partitelles que els permet concentrar-se a *tocar* la música en comptes de sols *llegir-la*.

Què fa el Lilypond

- [Possibilitats], pàgina 3: ¿Què pot fer el LilyPond?
- [Exemples], pàgina 6: Vull veure alguna música!
- [Llibertat], pàgina 20: El LilyPond és programari lliure.
- [Rerefons], pàgina 21: La nostra estètica computacional.

El LilyPond a la pràctica

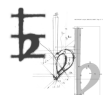
- [Produccions], pàgina 21: Usos del LilyPond a la vida real.
- [Ressenyes], pàgina 23: Què diu la gent?

Com funciona el LilyPond

- [Entrada de text], pàgina 27: Escriviu música com si fos *text*!?
- [Entorns millorats], pàgina 35: Altres formes de treballar amb el LilyPond.

Possibilitats

Excel·lència al gravat clàssic



El LilyPond permet als músics produir partitures elegants que siguin fàcils de llegir. La seva comunitat de desenvolupadors ha empleat milers d'hores a desenvolupar un programa de gravat musical que produeix com a resultat música impresa de forma bella. Tots els ajustos d'estil del LilyPond, el disseny dels tipus de lletra i els algorismes s'han inspirat en la millor música gravada a mà. La sortida del Lilypond té el mateix aspecte robust, equilibrat i elegant que les partitures clàssiques millor gravades. Tot això s'explica amb detall a la nostra Secció “Monografia” in *Monografia*.

Entrada de text

Tot és explícit

El LilyPond processa l'entrada de text, que conté tota la informació sobre el *contingut* de la seva partitura i pot llegir-se fàcilment per un humà o per un altre programa. No hi ha cap ajust estrany ocult a darrera de complicats menús o de fitxers de document binaris.

Llegiu més sobre aquest concepte a [Entrada de text], pàgina 27.

Els ajustaments són robustos i transparents

Si heu de modificar algun aspecte de la disposició sobre la pàgina, aquesta modificació es veurà explícitament en una forma llegible per l'ésser humà, per la qual cosa sempre es pot seguir la pista del que s'ha fet. Si 'trenqueu' quelcom accidentalment, podeu revertir o modificar fàcilment qualsevol decisió sense dependre de la funció de *Desfer*.

Els fitxers de text son a prova de fallada i duradors

Els fitxers de text presenten una gran robustesa en front a la corrupció del seu contingut. A més a més, com són llegibles per part de l'ésser humà, sempre podem interpretar-los fins i tot que no tinguin accés als programes que els van crear.

Gestioneu les vostres partitures amb control de versions

Els fitxers de text són idonis per a la seva gestió mitjançant el control de versions. Coneixeu aquest tècnica i gaudiu de l'experiència de tenir mecanismes de fer i desfer infinits i selectius i la història completa del desenvolupament de les vostres partitures. El control de versions us pot també obrir nous models de feina (per exemple col·laboratius).

Usabilitat



Opcions d'aspecte efectives

Perdeu menys temps als ajustos de la sortida; el LilyPond aconsegueix el format més correcte des del principi. Determina l'espaiat per si sol i divideix les línies i les pàgines de forma que

ofereix una disposició compacta i uniforme. Els conflictes entre la lletra de les cançons, les notes i els acords es resolten, i les lligadures i les barres s'inclinen automàticament.

Combinar música i text

Col·loqueu fragments de música dins de textos sense retallar i enganxeu imatges. Integreu música dins del \LaTeX i de l'HTML de forma senzilla, o afegiu música a documents de l'OpenOffice o del LibreOffice mitjançant OOoLilyPond (<https://extensions.services.openoffice.org/en/project/OOoLilyPond>). També hi ha connectors o complements disponibles per permetre codi del LilyPond dins de diversos blogs i wikis, fent possible la col·laboració en línia.

Accessibilitat

L'entrada basada en text també fa possible l'escriptura de partitures per a usuaris amb deficiències físiques. Els usuaris amb alguna dificultat manual que no poden teclejar o usar un ratolí d'ordinador, poden usar programari de reconeixement de veu per editar els fitxers del LilyPond. Fins i tot les persones totalment cegues poden usar lectors de pantalla per escriure els fitxers del LilyPond (una tasca impossible als programes d'edició de partitures basats en gràfics).

Diversitat d'editors

Diversos desenvolupadors que són també usuaris actius del programa LilyPond han escrit eines dirigides específicament a fer més ràpid i efectiu el procés d'edició dels fitxers de codi del LilyPond; no hi ha lligadures a una sola interfície d'usuari sinó que podeu usar diferents eines per a diferents tasques. Fins i tot podeu usar un editor complet a casa i usar l'aplicació de notes del vostre telèfon mòbil per editar els fitxers mentre esteu de viatge. Per veure alguns exemples, consulteu [Entorns millorats], pàgina 35.

Disseny ampliable

Gestió senzilla dels fulls d'estil

Tots els paràmetres de configuració es poden modificar perquè es combinin amb el vostre gust tipogràfic personal. D'aquesta manera, podeu escriure fàcilment fulls d'estil capaços de modificar tot i cada un dels aspectes predeterminats de les partitures del LilyPond. Atès que aquests fulls estan a més a més escrits com a text i es poden desar com fitxers separats, podeu canviar d'un full a un altre de manera senzilla per produir partitures que tenen un aspecte completament diferent. Voleu imprimir una partitura en paper A4 i projectar-la amb un canó de vídeo, a un sistema per pàgina? El motor de recomposició del LilyPond produirà ambdues sense cap esforç a partir del mateix codi d'entrada.

Escriviu les vostres pròpies funcions

Si això no és suficient, sempre ens queda el llenguatge de scripts Scheme incorporat, un dialecte del potent llenguatge LISP. Tots els paràmetres de configuració, variables i funcions estan documentats al complet manual de referència del programa.

Processeu les partitures programàticament

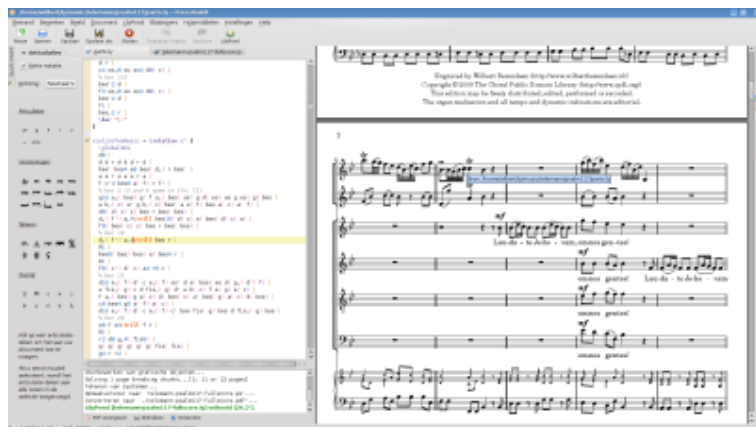
Els fitxers d'entrada del LilyPond es poden editar completament o fins i tot ser generats per altres programes i guions propis. Això es pot usar, per exemple, per a la composició algorítmica. Però també podeu accedir al contingut musical per al seu anàlisi, o tractar fragments de l'entrada a una base de dades. No hi ha cap limitació, a no ser la seva pròpia imaginació.

Produïu eines noves usant el LilyPond

El LilyPond no és un programa monolític amb interfície gràfica, sinó que és una eina de la línia d'ordres, per tant es pot usar també des de dins d'altres aplicacions. D'aquesta manera és

possible equipar eines com ara aplicacions web, amb tot el poder de la tipografia musical del LilyPond. De fet ja hi ha diverses eines en línia que utilitzen el LilyPond.

Entorn



Support excel·lent

El LilyPond funciona a totes les plataformes populars: GNU/Linux, MacOS i Windows. El Lilypond ve amb una completa documentació i sents de fitxers d'exemple. Hi ha una activa comunitat d'usuaris disposada a respondre dubtes i qüestions a la llista de distribució de correu d'usuaris del LilyPond, `lilypond-user`, que us ofereix una ajuda amigable. El temps de resposta ser molt curt, i freqüentment s'ofereixen solucions brillants als problemes que es plantegen a ella. Gràcies a l'estreta interacció amb l'equip de desenvolupament, aquests solucions s'inclouen al mateix programa LilyPond de forma regular. Seguiu llegint a [Comunitat], pàgina 66.

Programari lliure

El LilyPond es pot descarregar sense cost! Sí: és gratis. Obteniu-lo a la pàgina de descàrrega.

També és programari lliure, com la llibertat d'expressió. S'ofereix amb el codi font amb el permís de modificar-lo i copiar-lo. Així doncs, esteu fart d'alguna fallada o demaneu alguna funcionalitat determinada? Tan sols afegiu-la personalment, o pagueu a algú que ho faci. Seguiu llegint a [Llibertat], pàgina 20.

Ara què?

Encara no us convenç el LilyPond? Doneu una ullada a alguns [Exemples], pàgina 6, concrets. Si ja heu decidit provar el LilyPond, en primer lloc informeu-vos de la nostra [Entrada de text], pàgina 27.

Exemples

El LilyPond és una eina potent i flexible per a tasques de gravat musical de tot tipus. Exploreu lliurement la nostra galeria d'exemples i inspireu-vos!

Música Clàssica

Aquesta peça d'òrgan del J.S. Bach és un projecte força típic de gravat amb el LilyPond.

Jesu, meine Freude

BWV 610

Johann Sebastian Bach

Largo

a
2 Clav.
e
Pedale.

3

5

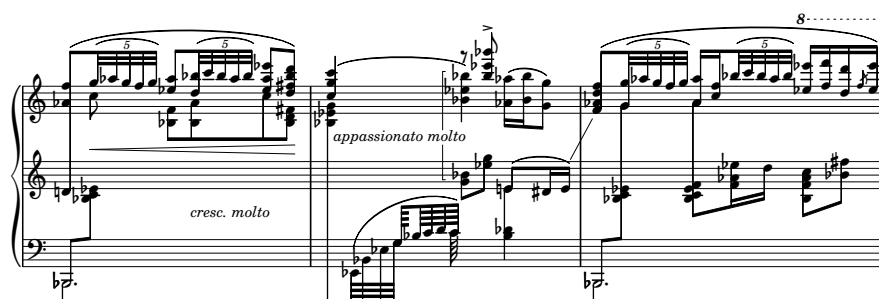
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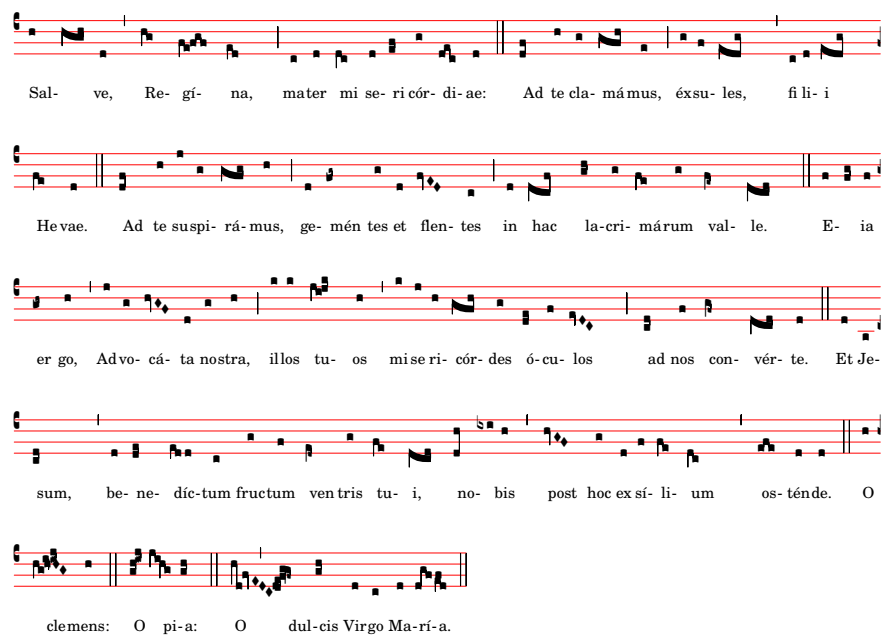
Notació complexa

Aquest exemple procedent de les *Goyescas* de l'Enric Granados mostra algunes de les possibilitat més avançades de la composició tipogràfica, com ara les barres en angle, vírgules de pentagrama creuat i línies de seguiment de veus.



Música antiga

El LilyPond també contempla diferents tipus de notació antiga, com ara aquest passatge de cant gregorià.



Sal- ve, Re- gí- na, mater mi se- ri cór- di- ae: Ad te cla- mámus, éxsu- les, fi li- i

Hevae. Ad te suspi- rá- mus, ge- mén tes et flén- tes in hac la-cri- márum val- le. E- ia

er go, Advo- cá- ta nostra, illos tu- os mise- ri- cór- des ó- cu- los ad nos con- vér- te. Et Je-

sum, be- ne- díc- tum fructum ven- tris tu- i, no- bis post hoc ex sí- li- um os- ténde. O

clemens: O pi- a: O dul- cis Virgo Ma- rí- a.

Música moderna

Els compositors contemporanis troben que el LilyPond és adequat per a la impressió de notació inusual. Heus aquí un extracte de l'obra *Čáry*, del Trevor Bača, per a flauta baixa sola.

Carin Levine
ČARY
Sorcery (extract)
 bass flute

Trevor Bača

$\text{♩} = 42$

The musical score consists of two staves. The upper staff is in treble clef with a key signature of one flat (Bb) and a time signature of 4/16. It begins with a tempo marking of quarter note = 42. The melody is composed of eighth and sixteenth notes, with some measures containing triplets and slurs. The lower staff is in bass clef and contains a highly rhythmic accompaniment of sixteenth notes, often beamed in groups of four or eight. It includes various dynamic markings: *sfz*, *f*, *sfz*, *f*, *sf*, *ff*, *sfz*, *f*, *fff*, and *fff*. There are also breath marks (diagonal lines) and fingerings (numbers 1-7) indicated throughout the piece. The score is divided into measures by bar lines, with some measures containing repeat signs.

Creació flexible i eficient de material d'interpretació

Es poden crear diferents materials de lectura a partir del mateix codi font. Heus aquí un extracte de la realització del Nicolas Sceaux (<http://nicolas.sceaux.free.fr/>) de *Giulio Cesare* del Haendel, en partitura completa, reducció per a piano y veu, i una partícula de violí.

Giulio Cesare in Egitto
Sesto: Svegliatevi nel core, furie d'un alma offesa (excerpt) G.F Handel

Violino I.

Violino II.

SESTO.

Bassi.

Svegliate-vi nel core, fu - rie d'un alma offesa,

Giulio Cesare in Egitto**Sesto: Svegliatevi nel core, furie d'un alma offesa (excerpt)****Vocal part and keyboard reduction**

G.F. Handel

SESTO.

4

7

Sve-glia - te - vi nel co - re, fu - rie d'un al-ma of - fe - sa,

p

Giulio Cesare in Egitto

Sesto: Svegliatevi nel core, furie d'un alma offesa (excerpt)

Violino I

G.F. Handel

The musical score is written for Violino I in G major (one sharp) and 3/4 time. It consists of three staves of music. The first staff contains measures 1 through 3. The second staff, starting with a measure number '4', contains measures 4 through 6. The third staff, starting with a measure number '7', contains measure 7. The music features a mix of eighth and sixteenth notes, with trills (tr) and a dynamic marking of *p* (piano) at the beginning of measure 7.

Tabulatura

El LilyPond contempla la notació de xifra per a guitarra, que es pot personalitzar per adaptar-la a qualsevol instrument que llegeixi de tabulatura. La pauta de tabulatura es genera automàticament a partir de les notes que s'escriuen al pentagrama normal.

Guitar

The image displays a musical score for guitar. It consists of a standard musical staff with a treble clef and a key signature of two sharps (F# and C#). The melody is written in a 4/4 time signature. Below the staff is a guitar tablature (TAB) system with six lines, each representing a string. The tablature uses numbers 0-12 to indicate fret positions. The first line (highest) is labeled 'T' and the sixth line (lowest) is labeled 'B'. The tablature shows a sequence of notes corresponding to the melody, with some notes marked with a '3' indicating a triplet. The final measure of the tablature shows a double bar line and a '12' in parentheses, indicating a final fretted note.

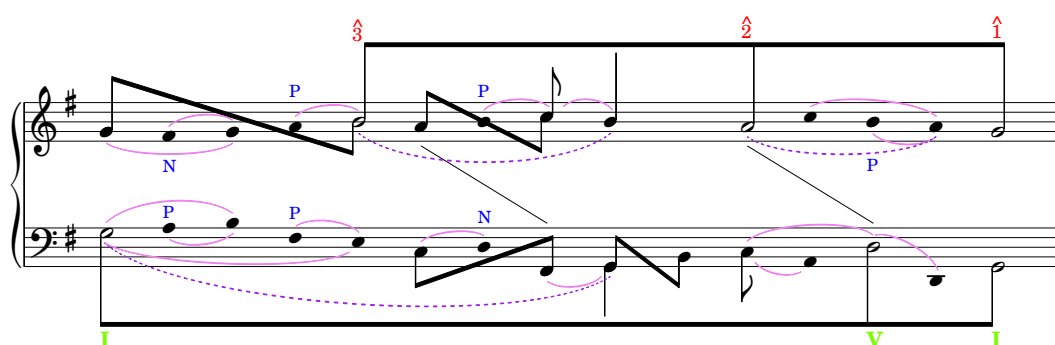
Gràfics de Schenker

La sortida estàndard es pot modificar de forma molt profunda. Heus aquí una impressionant anàlisi schenkeriana creada pel Kris Schaffer, per a un article a la revista Linux Journal (<http://www.linuxjournal.com/article/8364>). S'han afegit alguns colors per millorar la visibilitat.

Wenn wir in höchsten Nöten sein (BWV 641)

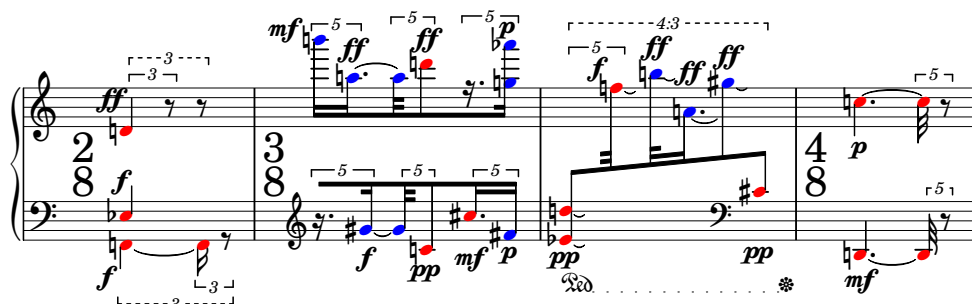
Analysis from Gene Biringer's Schenker Text, Ex. 5-27

J.S. Bach



Sortida personalitzada

Un petit fragment de la *Klavierstück II* de Stockhausen, per demostrar la capacitat del LilyPond d'oferir una sortida personalitzada.



Música vocal

El LilyPond és excel·lent per a tot tipus de música vocal, des d'himnes de música sacra fins a òperes. A continuació presentem un motet medieval amb uns requisits lleugerament inusuals. La veu de tenor està escrita en un compàs diferent a les altres però s'ha d'alinejar com si estigués al mateix compàs. El LilyPond tracta aquesta situació amb molta elegància. Observeu també els incípit amb les claus a l'estil de l'edició vaticana, les vírgules barrades que indiquen notes repetides, i els parèntesis de lligadura per sobre de certs grups de notes.

Triplum

Motetus

Tenor

Tr.

M.

T.

Aucun ont trouve chant par u - sa - ge, mes a moi en doune o - choi - son

long tans me fiu - te - nu

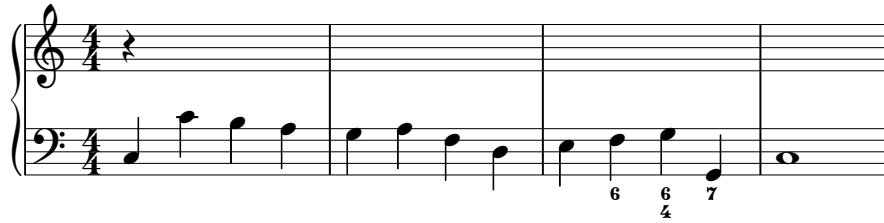
amours, qui resboudist mon coura - ge si que m'es - tuet fai - re chan - çon

de chan - ter. mes or ai

Aplicacions per a l'educació

El LilyPond està molt indicat també per a aplicacions educatives. Heus aquí un exemple d'un senzill exercici de contrapunt.

Exercise 3: Write 8th notes against the given bass line.



Música pop

És senzill crear fulls guia d'acords en xifrat americà per a música pop amb melodia, lletra, noms d'acords i diagrames de posicions d'acord. En aquest exemple veiem alguns dels diagrames

de posicions predefinides, però es poden personalitzar profundament per complir amb gairebé qualsevol situació.

My eyes are dim, I can-not see, I have not brought my specs with me!

Projectes grans

El LilyPond és excel·lent per a projectes grans com ara òperes o també obres per a orquestra simfònica. A més a més, l'entrada basada en text proporciona una major accessibilitat (aquest exemple ha estat aportat per Hu Haipeng, un compositor cec).

Violent Dance For Orchestra Hu Haipeng

Presto (♩ = 112)

The score is for a full orchestra and includes parts for woodwinds, brass, percussion, harp, and strings. The tempo is *Presto* (♩ = 112). The score is written in 4/4 time and features a variety of dynamic markings and articulations.

Woodwinds:

- Piccolo: *mf*, *ff*
- Flutes I & II: *mf*, *ff*
- Oboes I & II: *mf*, *ff*
- Clarinets I & II in B \flat : *p*, *ff*
- Bassoons I & II: *pp*, *ff*, *pp*

Brass:

- Horns I & II in F: *p*, *ff*, *pp*
- Horns III & IV in F: *pp*, *Molto cresc.*, *ff*, *pp*
- Trumpets I & II in B \flat : *f*, *ff*
- Trumpet III in B \flat : *mf*, *ff*
- Trombones I & II: *mp*, *ff*
- Bass trombone & Tuba: *pp*, *ff*

Percussion:

- Timpani in A, D & E: *pp*, *ff*
- Triangle: *pp*
- Suspended cymbal: *pp*
- Tam-tam: *mf*, *ff*
- Tambourine: *pp*
- Snare drum: *pp*
- Bass drum: *pp*, *ff*

Harp:

- Harp: *pp*

Strings:

- Violin I: *pp*, *ff*
- Violin II: *pp*, *ff*, *Sul ponticello*, *pp*
- Viola: *pp*, *ff*, *Sul ponticello*, *pp*
- Violoncello: *pp*, *ff*, *Sul ponticello*, *pp*
- Contrabass: *pp*, *ff*

Ara què?

Encara no us convenç el LilyPond? El LilyPond és programari lliure, us concedeix, com a usuari, la [Llibertat], pàgina 20. Si ja voleu provar el LilyPond, llegiu primer el que tenim a dir-vos sobre la [Entrada de text], pàgina 27.

Llibertat

Software lliure

GNU (<http://www.gnu.org/home.ca.html>) El LilyPond està escrit i mantingut per una comunitat d'entusiastes. Està publicat sota la [GPL], pàgina 43, i la [FDL], pàgina 58, donant a tothom la llibertat d'arreglar, modificar i ampliar el programa. La creació de música bella no hauria de requerir centenars d'euros en programari!

Quins són els beneficis per als usuaris?

- Sense cost: descarregueu-lo i proveu-lo! Que podeu perdre?
- Compartir: si us agrada el programa passeu una còpia a les vostres amistats, professors i professores, alumnes i col·legues!
- Disponibilitat de la font: si teniu curiositat sobre com el LilyPond crea algun tipus de notació musical, podeu veure exactament com està feta.
- Ampliable: podeu afegir noves funcionalitats, corregir errors i canviar el funcionament. Si no sabeu programar, podeu contractar a algun programador perquè faci aquestes tasques. Això pot semblar poc atractiu per a músics ocasionals, però la capacitat d'expandir el programari pot ser molt valuosa per als compositors seriosos, empreses i acadèmics.
- Seguretat per al futur: si una empresa comercial fa fallida, que passa amb qualsevol música electrònica que depengui dels seus productes? Això no és un problema amb el LilyPond; fins i tot si tot l'equip de desenvolupament l'abandonés (cosa extremadament improbable), el programa encara seguiria estant disponible de forma legal per a la seva còpia, modificacions i distribució.

Perquè “regalen” els desenvolupadors del LilyPond la seva feina sense demanar res a canvi?

Gairebé tots nosaltres veiem el desenvolupament del LilyPond com un hobby o un treball voluntari. Això doncs, la pregunta és realment “perquè les persones es presten voluntàries?”

- Per diversió: el treball a la recerca d'una meta pot ser divertit, especialment quan treballes en equip!
- Metes comuns: tots nosaltres volem partitures amb bon aspecte, però són pocs els que tenen experiència (i cap té temps) per crear un programa que pugui fer front a totes les situacions. Treballant en equips (una persona millora el codi que traça les barres de corxera, una altra millora la forma de les lligadures i una tercera escriu documentació explicant com utilitzar aquestes possibilitats) podem assolir la nostra meta amb tan sols una fracció de l'esforç individual.
- La “cultura del regal”: el moviment del programari lliure ha creat molts projectes genials de programari, com ara GNU/Linux (<https://www.gnu.org/distros/>), Mozilla Firefox (<https://www.getfirefox.com/>) i el joc Battle for Wesnoth (<https://www.wesnoth.org/>). Després d'haver-se vist beneficiats per aquests projectes, alguns desenvolupadors desitgen “retornar” alguna cosa a la comunitat.
- Experiència laboral: les contribucions a projectes de programari lliure són una magnífica forma de practicar la programació, l'escriptura de documentació, la traducció de documentació o el disseny. Aquesta experiència ha ajudat a molts programadors a trobar feina a empreses o a universitats.

I ara què?

Encara no us convenç el LilyPond? Llegiu el nostre estens assaig sobre la nostra filosofia de gravar a [Rerefons], pàgina 21. Si ja voleu provar el LilyPond, en primer lloc llegiu el que hem escrit sobre la [Entrada de text], pàgina 27.

Rerefons

Monografia sobre el rerefons

Tenim una àmplia monografia que descriu l'estètica computacional: l'art de crear bellesa amb un ordinador.

És una lectura interessant si voleu profunditzar en la discussió de les nostres idees fonamentals. A causa del seu volum, s'ofereix com un «manual». Si voleu llegir-lo ara, continueu cap a Secció “Monografia” in *Monografia*.

I ara què?

Encara no us convenç el LilyPond? Llegiu quelcom sobre les [Produccions], pàgina 21, i partitures d'alguns dels nostres usuaris. Si ja voleu provar el LilyPond, en primer lloc llegiu alguna cosa sobre la nostra [Entrada de text], pàgina 27.

Produccions

Producciones que usan LilyPond

Aquí podeu informar-vos sobre les persones que usen efectivament el LilyPond en les seves produccions, ja sigui per interpretacions en viu de la seva música o com a partitures publicades.

Concerts

La música gravada amb el LilyPond s'ha utilitzat en interpretacions i actuacions per tot el mon. Alguns titulars:

- Aurélien Bello (<https://www.aurelienbello.com/>) va arreglar una versió del *Der Rosenkavalier* de Richard Strauss per a quatre cantants i orquestra de cambra composta per a trenta instrumentistes. La producció va ser encarregada per l'Orquestra Filarmònica de Berlín, els membres de la qual van ser els intèrprets el 2 i el 7 d'abril (<http://www.festspielhaus.de/veranstaltung/der-kleine-rosenkavalier-02-04-2015-1100/>) a la Festspielhaus de Baden-Baden, i el 26 d'abril (<https://www.berliner-philharmoniker.de/konzerte/kalender/details/21070/>) a la *Philharmonie (großer Saal)* de Berlín. Ens encanta veure músics de alta reputació tocant a partir de partitures fetes amb el LilyPond (i segons sembla estan molt contents amb elles).

Aurélien també ha reorquestrat *Der Ring des Nibelungen* del Richard Wagner a una per a nens (http://www.rsb-online.de/content/konzerte/wagnerzyklus-10-13/wagner-fuer-kinder/index_ger.html) de 100 minuts de durada. Està escrita per a orquestra simfònica estàndard però amb una plantilla reduïda de cantants, i va ser interpretada per la *Radio-Sinfonieorchester Berlin* a l'abril de 2014 a l'Atze Musiktheater de Berlín. El director va ser el Heiko Matthias Förster.

- El Joe Smeets va crear partitures per al llibre infantil *Zing Mee (Canta amb mi)* de l'Annie M.G. publicat per Querido (ISBN 9789045106205): www.queridokinderenjeugdboeken.nl (<http://www.queridokinderenjeugdboeken.nl/web/Boek.htm?dbid=18954&typeofpage=134707>); partitures d'assaig de cor per a la traducció holandesa del *Saint Nicolas* del Benjamin Britten realitzat per *Muziektheater Hollands Diep* el 2011, www.muziektheaterhollandsdiep.nl (<http://www.muziektheaterhollandsdiep.nl/nl/>

voorstellingen/sint_nicolaas_leeft). També va treballar en la partitura general i partícels d'un arranjament del *Boris Godunov* del Mussorgsky per a quartet de vent, piano i percussió. Es va interpretar el 2014, de nou per part de *Muziektheater Hollands Diep*.

- Una edició crítica de la sèrie d'òperes *Enea nel Lazio (1760)*, del Tommaso Traetta, amb llibret del Vittorio Amedeo Cigna-Santi, en quatre parts: Primera part (https://www.academia.edu/1987651/Enea_nel_Lazio_opera_riformata_prima_lazione_poi_le_parole_-_Partitura_1_4_) Segona part (https://www.academia.edu/1994533/Enea_nel_Lazio_opera_riformata_prima_lazione_poi_le_parole_-_Partitura_2_4_) Tercera part (https://www.academia.edu/1994558/Enea_nel_Lazio_opera_riformata_prima_lazione_poi_le_parole_-_Partitura_3_4_) Quarta part (https://www.academia.edu/1996242/Enea_nel_Lazio_opera_riformata_prima_lazione_poi_le_parole_-_Partitura_4_4_) Creada pel Luca Rossetto Casel (<https://unito.academia.edu/LucaRossettoCasel>) per a la seva tesi de doctorat.
- Els *Quadres d'una exposició* del Mussorgsky, reorquestrats i dirigits per l'Aurélien Bello (<https://www.aurelienbello.com/>) amb la orquestra Junge Philharmonie Brandenburg (<http://www.junge-philharmonie-brandenburg.de/>) a l'octubre de 2011 i l'abril de 2012.
- Kieren MacMillan (<https://www.kierenmacmillan.info/>), compositor i director musical. Entre les seves nombroses recents estan *Go Thy Way*, interpretada pel cor Salt Lake Choral Artists (<https://www.saltlakechoralartists.org/>) al març de 2012; la *Just Out of Reach Suite* interpretada pel Duo Chrysalis (<https://www.herald-dispatch.com/news/marshall/x1883873762/Music-duo-Chrysalis-to-perform-at-Marshall-University-on-Jan-19>) ; *thrafsmata* interpretada al juliol de 2011 pel Pittsburgh New Music Ensemble (<http://www.pnme.org/CurrentSeason/PreviousSeasons.html>).
- *Anonymous Student Compliment or Complaint*, del Mike Solomon (<https://www.mikesolomon.org>), guanyador d'entre 172 participants procedents de 22 països del concurs de composició Left Coast de 2011 (<https://leftcoastensemble.org>). Entre altres obres estan: Norman (age 1) per a clarinet sol, interpretada al festival de música electroacústica (FEMF) de la Universitat de Florida (http://emu.music.ufl.edu/fems_concerts.html) a l'octubre de 2010.
- Una edició moderna de la *Serenata Erminia* de l'Alessandro Scarlatti, editada pel musicòleg Thomas Griffin, (Roma, Itàlia). Interpretada el 22 d'octubre de 2010 a la Galleria del Palazzo Zevallos Stigliano de Nàpols. Alessandro Scarlatti 2010 (<http://www.ascarlatti2010.net>), durant les commemoracions dels 350 anys del naixement del compositor.
- La interpretació de Mercury Baroque (<http://www.mercurybaroque.org>) de *Armide* de Lully, 15 i 16 de maig de 2009, a Houston, Texas (tipografia del Nicolas Sceaux (<http://nicolas.sceaux.free.fr/>)).
- Extractes instrumentals de *Hippolyte et Aricie* del Rameau a l'església de St. James a Manhattan, el 8 de maig de 2009, pel Frederick Renz i el seu conjunt Early Music New York (<https://www.earlymusicny.org/>) (realització tipogràfica de Nicolas Sceaux (<http://nicolas.sceaux.free.fr/>)).
- *Affaire Étrangère*, òpera del Valentin Villenave (<https://valentin.villenave.net/>), amb llibret en francès del Lewis Trondheim (https://en.wikipedia.org/wiki/Lewis_Trondheim), estrenada l'1 de febrer de 2009 a L'Opéra National de Montpellier (<https://www.opera-montpellier.com/>), a França.

Partitures publicades

- El Projecte Mutopia (<https://www.mutopiaproject.org/index.html>) inclou més de 1500 partitures de música clàssica per a la seva descàrrega lliure, i és el principal aparador de partitures del LilyPond.
- Etude (<http://etudeapp.com>), “partitures en versió extra” és una aplicació per a l’iPhone que presenta en pantalla música per a piano editada amb el LilyPond, entre elles moltes peces procedents de Mutopia. L’aplicació inclou un teclat virtual de piano que mostra les tecles que cal clicar per ajudar als principiants que estan aprenent a llegir música.
- Adoro Music Publishing (<https://twitter.com/adoromusic>), partitures de música sacra d’alta qualitat, disponible per a la seva descàrrega immediata o en el format tradicional de paper.
- The Shady Lane Publishing (<http://www.shadylane.fr>), una “micro editorial musical” la meta de la qual és promoure una nova forma d’economia més propera als músics i als amants de la música.

Si coneixeu qualsevol altres concerts o partitures que mereixin aparèixer relacionats aquí, us preguem que ens ho faci saber segons s’explica a les instruccions que apareixen a la secció a les instruccions que apareixin a la secció [definició], pàgina [definició].

I ara què?

Encara no us convenç el LilyPond? Llegiu algunes de les [Ressenyes], pàgina 23, dels nostres usuaris. Si ja voleu provar el LilyPond, en primer lloc informeu-vos sobre la nostra [Entrada de text], pàgina 27.

Ressenyes

Que diu la gent sobre el LilyPond?

Articles publicats

- Abril de 2011
Linux Magazine (<https://www.linux-magazine.com>) publica un article titulat Projects on the Move (http://www.linux-magazine.com/content/download/61706/482546/version/1/file/088-090_projects.pdf). És un article introductori sobre el MuseScore, el LilyPond i el Chordii. L’autora Carla Schroeder diu que “LilyPond es treballa des de la línia d’ordres, però que la manca d’una interfície gràfica no ha d’atemorir l’usuari; el LilyPond és amigable i fàcil d’aprendre”, i aporta un exemple fàcil d’abordar.
- Maig de 2010
Peter Kirn, al lloc web Create Digital Music website, publica una revisió del LilyPond (<https://createdigitalmusic.com/2010/05/14/lilypond-free-beautiful-music-notation-engraving-for-anyone/>). Aporta una mirada equilibrada sobre la utilització, lloa la notació d’alta qualitat del LilyPond i suggereix als lectors que el provin.
- Setembre de 2009
La revista LinuxUser alemanya va publicar un article sobre el LilyPond (<https://www.linux-community.de/Internal/Artikel/Print-Artikel/LinuxUser/2009/10/Digitaler-Notenschluessel>).

- Agost de 2009

Ann Drinan, a la pàgina Polyphonic.org (<http://www.polyphonic.org/article.php?id=188>), presenta alguns comentaris de dos arxivers d'orquestra que xerren sobre l'ús de programari per al manteniment de les seves biblioteques.

- Juny de 2009

A un article (<https://web.archive.org/web/20110325004849/http://news.lilynet.net/Free-Music-Now>) publicat a la revista anual de la *Associació Nacional de Pares d'Alumnes de Conservatoris* de França, el compositor i membre del projecte LilyPond, Valentin Villenave, explica com les llicències lliures, i concretament les partitures escrites amb el LilyPond, participen de l'objectiu d'aconseguir que la música escrita sigui accessible per a tots.

- Febrer de 2008

A articles en la seva pàgina personal (<http://www.musicbyandrew.ca/finale-lilypond-1.html>), l'Andrew Hawryluk compara al Finale amb el LilyPond en termes generals, i avalua en detall les possibilitats de gravat musical dels dos programes. El segon article és una instructiva anàlisi de l'edició del Preludi per a piano número 6 del Rachmaninoff, incloent-hi comparacions amb una edició de referència gravada a mà.

- Juny de 2006

DistroWatch (<https://distrowatch.com>) premia al LilyPond k escriu (<https://distrowatch.com/weekly.php?issue=20060605>) “Dames i cavallers, ens complau anunciar que, basant-nos en la demanda dels lectors, la donació de DistroWatch de maig de 2006 ha estat concedida al LilyPond (190,00 €) i a Lua (US\$250,00).”

- Desembre de 2005

Linux Journal publica un article titulat *Elabori fantàstics gràfics de Schenker amb el GNU LilyPond* (<https://www.linuxjournal.com/article/8364>). És un article destacat, profund però pràctic amb atractius gràfics de LilyPond. L'autor, Kris Shaffer, destaca: “El Gnu LilyPond genera uns gràfics preciosos que a les alternatives comercials semblar de segona fila.”

- 20 d'agost de 2005

El diari belga *De Standaard* investiga què empeny als autors de programari lliure en un article titulat *Delen van KENNIS zonder WINSTBEJAG* (<https://www.standaard.be/Artikel/Detail.aspx?artikelId=G42H5GD6>) (Compartir el coneixement sense ànim de lucre) al seu ‘DS2 bijlage’. El LilyPond s'usa com a exemple i l'article està esquitxat de cites procedents d'una entrevista per email amb Jan Nieuwenhuizen. Això marca la primera aparició del LilyPond a la premsa escrita d'importància.

- Juny de 2005

Un article en francès sobre el llançament del LilyPond 2.6 va aparèixer en *linuxfr.org* (<https://linuxfr.org/2005/06/27/19210.html>).

- Octubre de 2004

Els editor de *Computer!Totaal*, una revista holandesa d'informàtica, descriuen al LilyPond (<https://lilypond.gitlab.io/static-files/media/computer-totaal.jpeg>) en l'edició d'octubre de 2004 com: “Meravellós programari lliure (de codi obert) (...) Les partitures produïdes pel LilyPond son excepcionalment boniques (...) un sistema molt potent que pot fer gairebé qualsevol cosa.”

- Juliol/agost de 2004

Dave Phillips va escriure un article introductori per a *Linux Journal* *At the Sounding edge: Lilypond*, primera (<https://www.linuxjournal.com/article/7657>) i segona (<https://www.linuxjournal.com/article/7719>) part.

- Març de 2004

Chris Cannam va entrevistar a Han-Wen Nienhuys i a Jan Nieuwenhuizen a linuxmusician.com (una pàgina ara desapareguda). Aquesta entrevista es va ressenyar també a una història de slashdot (<http://slashdot.org/article.pl?sid=04/03/13/2054227&tid=>).

- Febrer de 2004

El cantant de jazz Gail Selkirk escriu sobre Submergir-se a l'estany dels nenúfars (Lily Pond) (http://www.songbirdofswing.com/editorial_page/lilypond/). "... pot fer fulls guia d'acords o parts orquestrals completes, i el resultat pot ser increïble." Computer Music Special (<http://www.computermusic.co.uk/>), número CMS06.

Ressenyes dels usuaris



Carter Brey (<http://nyphil.org/meet/orchestra/index.cfm?page=profile&personN>),
primer violoncel de la Filharmònica de Nova York

"... He escrit un parell de peces per a violoncel solista que he imprès amb el LilyPond i que enviaré a Schirmer per a la seva publicació. Puc apostar que el seu gravat no serà ni la meitat de bo que el meu!"



Orm Finnendahl
(<http://icem-www.folkwang-hochschule.de/~finnendahl/>),
professor de composició, Conservatori Superior de Friburg

"Tot i que no domino el [LilyPond] encara, estic **molt** impressionat. Vaig usar el programa per digitalitzar un motet del Josquin Desprez en notació mensural i no hi ha dubte que LilyPond derrota a altres programes de notació en quant a velocitat, facilitat d'ús i aparença dels resultats!"



Darius Blasband, compositor (Brussel·les, Bèlgica)

"[...després de primer assaig orquestral] vaig obtenir nombrosos complits sobre la qualitat de les partitures. El que és encara més important: mentre que el LilyPond proporciona nombroses formes de millorar l'aparença de les partitures, el que vaig lliurar a l'orquestra és bàsicament la impressió en brut, sense retocar."

Kieren MacMillan, compositor (Toronto, Canadà)

“Gràcies i enhorabona a l’equip de desenvolupament pel seu increïble treball. Mai no he vist quelcom que s’apropi al resultat que obtinc amb el LilyPond; confio plenament en què les meves necessitats de publicació musical seran satisfetes més enllà de tota expectativa usant aquesta genial aplicació. (...) bàsicament, la impressió del LilyPond sense retocar (...) es veu millor que la majoria de les publicacions "professionals" més recents amb les quals l’he comparat (per exemple pràcticament qualsevol partitura de Warner Bros, i fins i tot moltes de les més recents de ‘les editores antigues’). (...)”

“Supera això, Finale/Sibelius/Igor/el que sigui!!!”

**Chris Cannam, programador principal del projecte RoseGarden
(<https://www.rosegardenmusic.com/>)**

“LilyPond és, obviament, el King Kong [de la tipografia musical] en gran.”

**Chris Snyder, Adoro Music Publishing
(<https://twitter.com/adoromusic>)**

“La forma en què s’introdueix la música per a LilyPond em fa pensar d’una manera més musical – hi ha hagut molts cops que m’he bloquejat sobre com dir-li al Lily que imprimeixi alguna cosa, sols per adonar-me que fins i tot si fes exactament el que el compositor volia, la música seria confusa de llegir. El LilyPond m’ho posa molt més fàcil en treballar en el meu doble paper d’editor i copista.”

“Porto utilitzant exclusivament el LilyPond per al meu negoci de publicació acabat d’inaugurar. Pràcticament sense excepció, tots els compositors s’han quedat bocabadats per la qualitat del gravat que se’l presentava amb les proves de la seva música prèvia a la publicació. Em reservo part del mèrit d’això (ocupo molt temps a alterar els resultats, especialment les lligadures, sobretot als acords), però el LilyPond em dona un excel·lent punt de partida, una interfície molt intuïtiva, i la capacitat de modificar absolutament qualsevol cosa si el vull dedicar el temps necessari. Estic convençut que cap producte comercial se li apropa ni de lluny.”

David Bobroff, trombó baix, Orquestra Simfònica d’Islàndia

“Crec que el LilyPond és genial (...) quant més aprenc del LilyPond, més m’agrada!”

Vaylor Trucks, intèrpret de guitarra elèctrica (sí, parent de...

(<http://www.allmanbrothersband.com/modules.php?op=modload&name=userpage&file>...

“Estic súper-impressionat amb el LilyPond (...)”

“!!!EL MILLOR PROGRAMA DE LA HISTÒRIA!!!”

“Moltíssimes gràcies a tots pel vostre dur treball i dedicació!”

**Nicolas Sceaux (<http://nicolas.sceaux.free.fr/>), col·laborador de
Mutopia (<https://www.mutopiaproject.org/>)**

“Tenia una espècie de relació passió-odi amb el LilyPond. Passió perquè la primera partitura que vaig veure era tan increïble! La descripció del LilyPond es fonamenta en la bellesa. Això és massa modèstia! (...) a mesura que el LilyPond millora contínuament i observo com es fan les coses amb el Scheme, tinc cada cop menys frustracions. De totes maneres el que vull dir és: gràcies per donar-nos el Lilypond, és realment bo.”

**Werner Lemberg (<https://www.troff.org/whoswho.html#werner>),
director d’orquestra al Teatre de Koblenz,**

Alemanya, i destacat hacker del GNU

“De qualsevol manera, el LilyPond fa un treball sensacional!”

Paul Davis, desenvolupador del JACK (<https://jackaudio.org/>) i Ardour (<https://www.ardour.org/>)

“Crec que el [LilyPond] és un programa increïble, i produeix un resultat realment meravellós. Després d’haver llegit una ressenya sobre ell l’any passat, vaig estar donant la pallissa a diversos amics meus parlant-los del seu potencial.”

El DrI Mika Kuuskankare (<http://webusers.siba.fi/~mkuuskan/>), investigador de la Sibelius Academy de Finlàndia (<http://siba.fi>), compositor i autor de l’Expressive Notation Package (ENP)

“Sento el més profund respecte cap al LilyPond i els seus creadors i mantenidors degut a què sé per la meva experiència personal el difícil que pot ser aquest tipus de programari.”

David Cameron (<https://camerondh.blogspot.com>), Músic, tipògraf musical professional i usuari experimentat de SCORE

“EL meu agraïment de tot cor a tot aquell que contribueix a aquest projecte. Jo vaig ser usuari intensiu del SCORE per a cases grans d’edició musical, allà pels anys 90, però ara sento que el LilyPond, per fi, em permet aconseguir exactament el que vull fer sobre la pàgina, especialment quan no es tracta de la pràctica "estàndard".”

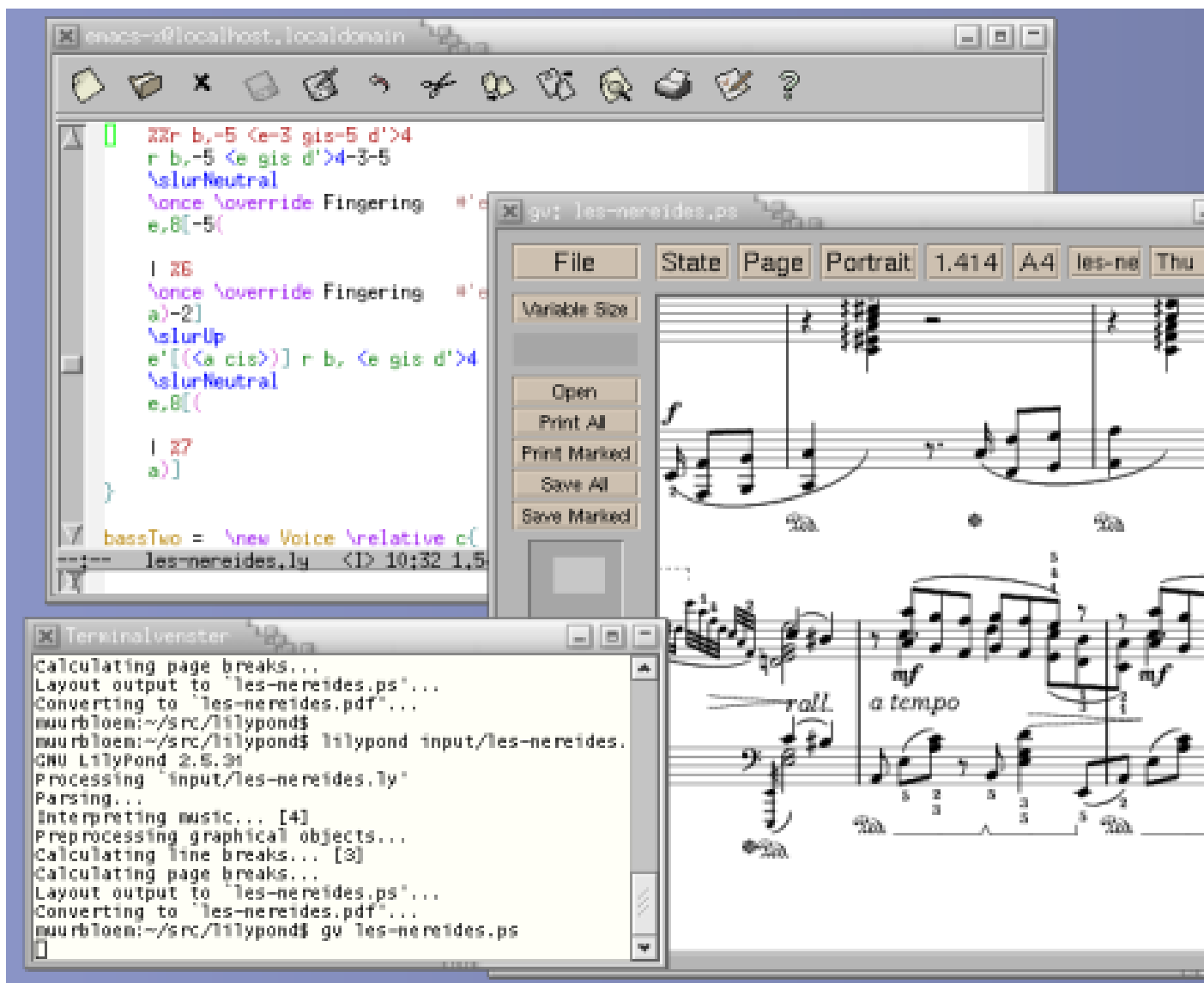
Si coneixeu qualssevol altres articles de notícies o testimonis que mereixin aparèixer relacionats aquí, us preguem que ens ho faci saber segons s’explica a les instruccions que apareixen a la secció a les instruccions que apareixen a la secció {undefined} [{undefined}], pàgina {undefined}.

Y ara ¿què?

Llegiu el que tenim que dir-vos sobre la nostra [Entrada de text], pàgina 27.

Entrada de text

“Compilar” la música



el LilyPond se sembla més a un llenguatge de programació que als programes d'edició gràfica de partitures.

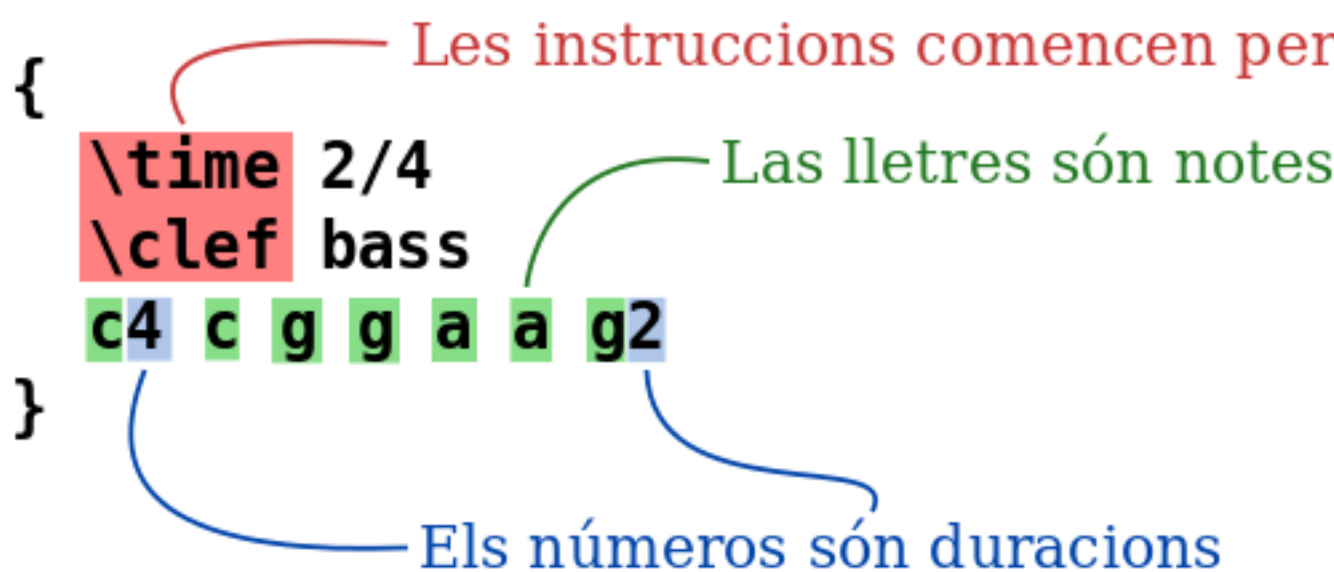
No escrivim la música pel procediment d'agafar les notes d'una barra d'eines gràfica i arrossegant-les a una partitura que es refresca de forma dinàmica; escrivim la música teclejant un text. Aquest text és interpretat (o “compilat”) per part del LilyPond, que al seu torn produeix una bella música impresa.

És possible que les persones acostumades a interfícies gràfiques d'usuari hagin d'aprendre una forma de treball nova, però els resultats, sense cap mena de dubte, mereixen la pena!

Nota: Presentem aquí una panoràmica del nostre paradigma d'entrada de tex: no és tan complicat com sona! No us amoïneu ara per comprendre tots i cadascú dels detalls d'aquests exemples; la nostra documentació per a principiants s'ocupa de tot això a un ritme molt més progressiu.

L'ela amb l'ela, "La"

Les notes es codifiquen mitjançant lletres i números. Les instruccions especials s'introdueixen mitjançant barres invertides.



Les alteracions es fan amb noms diferents: afegiu `-is` per obtenir un sostingut, i `-es` per a un bemoll (són els noms de les notes en holandès, però estan disponibles en altres idiomes). El LilyPond esbrina on s'han d'imprimir les alteracions.

```

\relative c' ' {
  \key c \minor
  g(
    <ees c'>)
    <d f gis b>-
    <ees g bes>-
  }

```

Afegir articulacions

Afegiu -es per al bemoll, .

Tanqui les notes dins de < > per obte



Música pop

Aplegui acords i lletra per obtenir un full guia d'acords:

<<

\chords {

c1:m7 f2:7 c2

}

\relative c'' {

g2 es8(c4) es8

f8 es d c~ c2

}

\addlyrics {

You are

the sky and my rain,

}

>>

Escriure noms d'

Escriure m

Escriure la

Combinar melodia i lletra



You are the sky and my rain,

Particel·les d'orquestra

El fitxer d'entrada conté les notes d'una peça musical. La partitura i les particel·les es poden fer a partir d'un sol fitxer d'entrada, de manera que un canvi en una nota sempre afecta tant a les particel·les com a la partitura general. Per poder incloure la mateixa música en diversos llocs, assignem la música a una "variable" (un nom):

```
notasTrompa =
```

```
\relative c {
```

```
\time 2/4
```

Escriure un silenci multi-

```
R2*3
```

```
r4 f8 a cis4 f e d
```

```
}
```

Emmagatzemar notes a una

```
notasFagot =
```

```
\relative c {
```

```
\clef bass
```

```
r4 d,8 f gis4 g b bes
```

```
a8 e f4 g d gis f
```

```
}
```

Aquesta variable s'usa aleshores a una sola part instrumental (aquí transportada, amb els silencis de diversos compassos agrupats):

Condensar silencis multi-compà

```
{
  \set Score.skipBars = ##t
  \transpose f c' \notasTrompa
}
```

Reutilitzar variable

Transportar per a instrument en Fa



La mateixa variable s'utilitza a la partitura general (aquí en to de concert):

Crear pentagrama

```
<<
  \new Staff \notasTrompa
  \new Staff \notasFagot
>>
```

Combinar pentagramas en paralelo



Documentació per al principiant

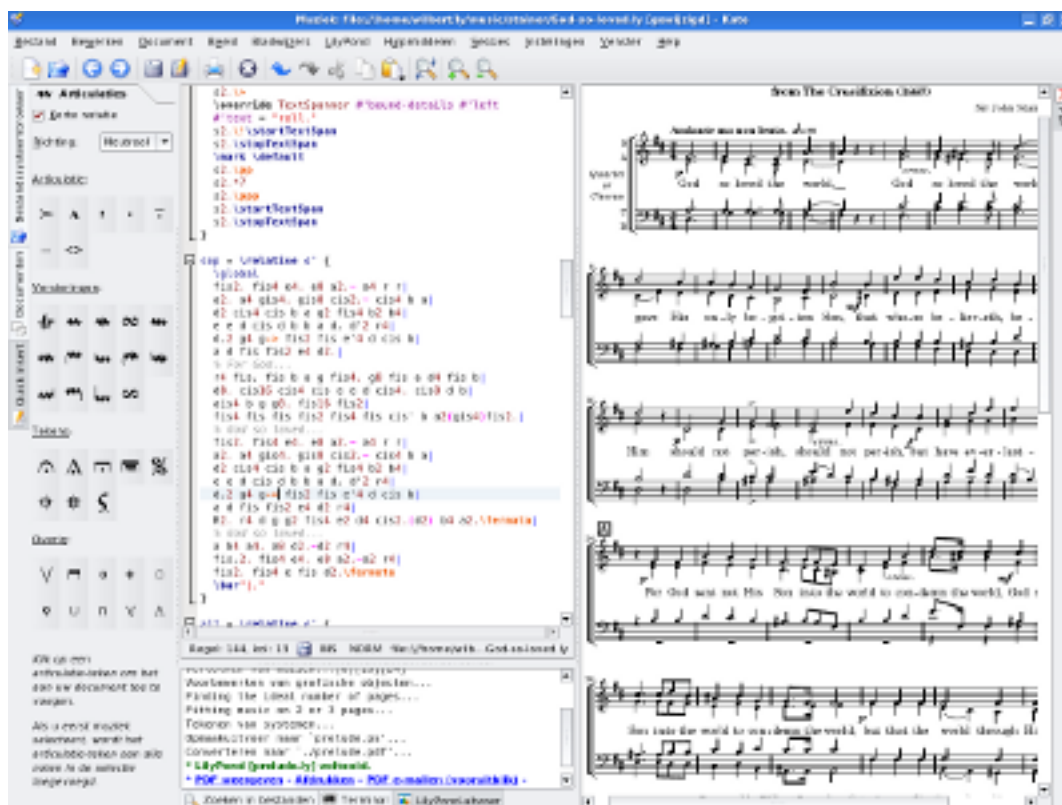
Ens adonem que molts usuaris veuen una mica estranya aquesta forma d'introduir la música. Per aquest motiu, hem escrit una àmplia documentació d'ajuda als nous usuaris, començant amb [Introducció](#) [Introducció], pàgina [34](#). El manual d'aprenentatge és el millor per començar, perquè allí es responen moltes preguntes abans que es formulin.

Us preguem que llegeixi el Manual d'Aprenentatge abans de queixar-vos de possibles fallades del programa! Amb freqüència, els usuaris novells creuen que el LilyPond no funciona, quan de fet està funcionant exactament tal i com està dissenyat per fer-lo.

Teniu a la vostra disposició una documentació molt més profunda a la secció [Manuals], pàgina [53](#).

Ben Lemon, usuari del LilyPond, ha creat i publicat una col·lecció de tutorials en vídeo (<https://benl.xyz/lilypond/operation-lilypond>) al seu blog, dirigits a nous usuaris.

Entorns d'edició facilitats



L'èmfasi del LilyPond està en primer lloc en la producció de música escrita amb la màxima qualitat; la creació d'una interfície gràfica d'usuari (un GUI) ens hauria distret d'aquesta meta. Malgrat això, hi ha altres projectes els propòsits dels quals és fer més fàcil la creació de fitxers d'entrada del LilyPond.

Alguns entorns d'edició inclouen el acolorit sintàctic, compleció automàtica d'instruccions i plantilles pre-elaborades. D'altres programes ofereixen realment un GUI que permet la manipulació directa d'una partitura gràfica. Per veure més informació, consulteu [Entorns millorats], pàgina 35.

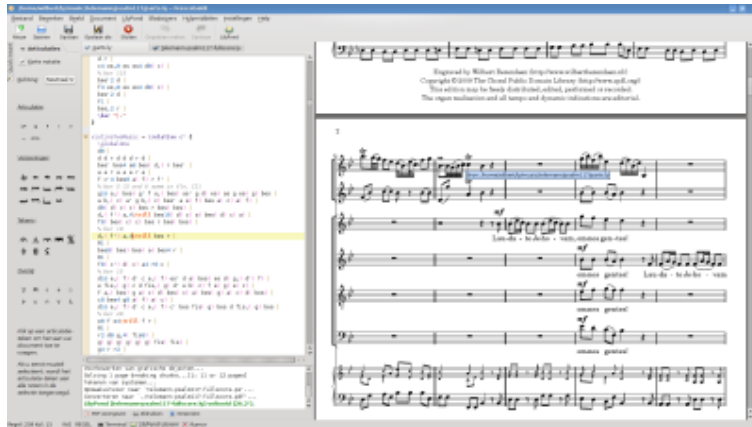
I ara què?

Ja teniu la preparació per [Download], pàgina 41. Encara no esteu convençut? Llegiu quelcom sobre els entorns d'edició a [Entorns millorats], pàgina 35.

Entorns millorats

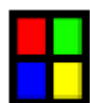
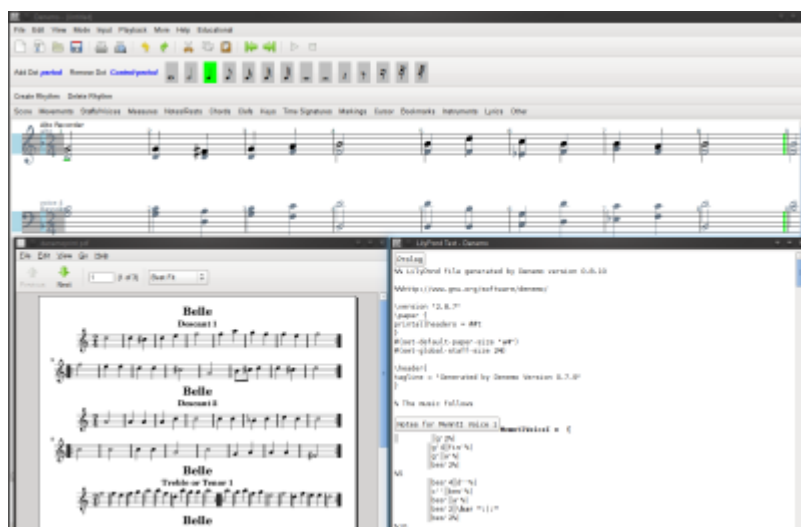
Aplicacions amb interfície gràfica

Frescobaldi



<https://www.frescobaldi.org> El Frescobaldi és un editor de música i text lleuger tot i que potent, amb moltes funcions creades especialment per al LilyPond. Entre les seves principals possibilitats estan els enllaços per d'apuntar i clicar amb el ratolí entre el codi i la vista prèvia de la música, detallats assistents de partitura, un navegador incorporat per a la documentació del Lilypond, sintaxi amb colors i completat automàtic de les paraules clau. El Frescobaldi està escrit amb Python amb el PyQt4 per a la interfície d'usuari, i funciona als principals sistemes operatius (GNU/Linux, Mac OS X i Windows).

Denemo



<http://denemo.org>

El Denemo és un editor gràfic que genera codi font del LilyPond, en la versió 2.8.7, i també permet la reproducció sonora de la música. Permet els usuaris veure el codi d'entrada de LilyPond en paral·lel amb la visualització gràfica. Es poden aplicar a les notes, acords, etc., ajustament addicionals del LilyPond i es desen amb el document del Denemo, de forma que els usuaris poden continuar editant-lo de manera gràfica.

En moure el cursor pel text del LilyPond es mou també a la presentació gràfica, i els errors de sintaxi dels ajustaments al LilyPond es destaquen a la finestra de text quan s'imprimeixen des del programa.

Editores basados en el navegador web

LilyBin

<http://lilybin.com>

Un editor del LilyPond basat en web, on podeu crear les vostres partitures directament online sense necessitat d'instal·lar el Lilypond.

Tunefl

<http://www.tunefl.com>

Amb el tunefl es poden gravar les partitures senzilles de forma directa en línia sense necessitat d'instal·lar el LilyPond localment. Permet provar totes les capacitats del programa usant una interfície web còmoda.

Complements d'IDE

Elysium



<http://elysium.thsoft.hu>

L'Elysium és un entorn integrat de desenvolupament per a Eclipse, amb una vista integrada en dos panells enfrontats per a la font i la partitura. Inclou realimentació visual ràpida i intuïtiva sense haver d'alternar entre contextos, i porta moltes plantilles conduïdes per assistents.

Emacs

<https://www.gnu.org/software/emacs/> L'Emacs és un editor de text amb funcionalitats avançades per a molts llenguatges de programació. L'Emacs és un editor que es pot expandir àmpliament i es pot usar com un entorn integrat de desenvolupament. Hi ha un 'mode del LilyPond' que ofereix les definicions del llenguatge per treballar amb fitxers font del LilyPond. Un desenvolupador ha escrit lyqi (<https://github.com/nsceaux/lyqi>), un mode principal de l'Emacs.

Si no esteu familiaritzat prèviament amb l'Emacs, potser preferireu usar un editor diferent per a l'escriptura de fitxers del LilyPond.

Hi ha més informació sobre la configuració de l'Emacs a Secció “Suport per als editors de text” in *Utilització del programa*.

Vim

<https://www.vim.org> El Vim és un editor de text minimalista que és una extensió de l'antic editor vi de l'Unix. També és es pot expandir i configurar.

Si no esteu familiaritzat prèviament amb l'Emacs o el Vim, probablement preferireu utilitzar un editor diferent per escriure fitxers d'entrada del LilyPond.

Hi ha més informació sobre la configuració de l'Emacs i del Vim a Secció “Suport per als editors de text” in *Utilització del programa*.



TeXShop

<http://www.uoregon.edu/~koch/texshop>

L'editor TeXShop per a MacOS X es pot estendre perquè executi el LilyPond `lilypond-book` i `convert-ly` des de dins de l'editor, utilitzant les extensions que estan disponibles a:

<http://users.dimi.uniud.it/~nicola.vitacolonna/home/content/lilypond-scripts>

Altres programes capaços d'exportar codi del LilyPond

Editors de partitura, tablatura i MIDI:

- `bwwtolily` (<http://www.jezra.net/projects/bwwtolily>) intenta convertir un fixer `.bww` o `.bmw` al LilyPond. Tot i que no tots els ornaments es converteixen adequadament (el que és cert especialment amb `piobaireachd`), el programa imprimeix una llista d'ells.
- `Canorus` (<http://www.canorus.org>), un editor de partitures, també pot exportar al LilyPond, però encara és un programa en fase beta, s'agraeixen les provatures per part dels usuaris.
- `Enc2ly` (<http://enc2ly.sourceforge.net/en/>) és un programa per a GNU/Linux que converteix una partitura musical d'Encore (<http://www.gvox.com/>) en una del LilyPond.
- `go-enc2ly` (<https://github.com/hanwen/go-enc2ly>) és una eina de GO que converteix fitxers de Encore al LilyPond. Es va crear utilitzant la recerca i la enginyeria inversa per mitjà de la modificació puntual de fitxers `.enc` i carregant-los a la versió de demostració 4.55.
- `NW2LY` (<http://www.holmessoft.co.uk/homepage/software/NWC2LY/index.htm>) és un programa en C# que converteix una cançó del NoteWorthy Composer al LilyPond.
- `Ripple` (<https://github.com/ciconia/ripple/blob/master/README.markdown>) és un programa que ajuda en la creació de partitures i `particel-les`, i que inclou un mode per barrejar diferents obres musicals a una sola partitura o `particel-la`.
- `Rosegarden` (<https://www.rosegardenmusic.com>), un seqüenciador MIDI i d'àudio, que té també un editor de partitura per a edició d'un sol pentagrama.

Generadors de codi algorítmics

- `Abjad` (<http://www.projectabjad.org/>), una API de Python (<https://www.python.org/>) per al control formalitzat de partitures, dissenyat per ajudar als compositors a construir fragments complexos de notació del LilyPond d'una forma iterativa i incremental.
- `FOMUS` (<https://common-lisp.net/project/fomus/>), (FOrmat MUSic) és una eina de notació musical per a compositors de música per ordinador. Està escrit en al llenguatge Lisp, i s'ha provat amb diversos intèrprets. També hi ha disponible una versió traduïda al llenguatge C++.
- `Strasheela` (<http://strasheela.sourceforge.net/strasheela/doc/index.html>), un entorn construït sobre el llenguatge de restriccions Mozart/Oz (<http://www.mozart-oz.org/>).

Altres programes sense desenvolupament actiu actualment

- `LilyPondTool` (<https://sourceforge.net/projects/lily4jedit>) va ser creat amb una extensió per a l'editor de text `jEdit` (<http://www.jedit.org>).
- `LilyKDE` (<https://lilykde.googlecode.com/>) s'ha substituït per `Frescobaldi` (<https://www.frescobaldi.org/>), i existeix com a `LilyKDE3` per a KDE 3.5 i com a `lilypond-KDE4` per a KDE 4.1 solament.
- `LilyComp` (<https://lilycomp.sourceforge.net>) és un programa gràfic d'introducció de notes, que actua com un teclat numèric que produeix notes del LilyPond.

- MuseScore (<https://www.musescore.org>), un editor de partitures. L'exportació de codi del LilyPond es va descartar en la versió 2.0, però encara estan disponible versions més antigues per a descarregar a Sourceforge (<https://sourceforge.net/projects/mscore/files/mscore/>).
- NoteEdit (<https://sourceforge.net/projects/noteedit.berlios/>), que importava MusicXML (<https://www.makemusic.com/musicxml>), s'ha escindit a NtEd (<https://vsr.informatik.tu-chemnitz.de/staff/jan/nted/nted.xhtml>) i Canorus (<https://canorus.org>).
- OOoLilyPond (<https://extensions.services.openoffice.org/en/project/OOoLilyPond>), una extensió de l'OpenOffice.org que converteix fitxers del LilyPond a imatge dins de documents de l'OpenOffice .org. Tot i que ja no s'està desenvolupant de forma activa, encara sembla funciona amb la versió 4.
- Rumor (<https://launchpad.net/rumor/>), un convertidor monofònic de MIDI al LilyPond en temps real.
- TuxGuitar (<https://sourceforge.net/projects/tuxguitar/>), un editor i reproduïdor multipista de tabulatura, que inclou un visor de partitura i pot exportar al LilyPond.

I ara què?

Ja teniu la preparació per [Download], pàgina 41.

Encara no us convenç? Molts compositors, músics i directors d'orquestra han après a escriure música en el nostre format d'entrada. Els usuaris amb experiència fins i tot que poden introduir una partitura completa al LilyPond més ràpid que amb un teclat de piano o amb el ratolí i un GUI! Possiblement us agradi donar una ullada a les [Possibilitats], pàgina 3, [Exemples], pàgina 6, o a la [Llibertat], pàgina 20, i [Ressenyes], pàgina 23, dels nostres usuaris. A més a més, el nostre enfoc de l'estètica computacional del gravat musical clàssic ve explicat en el nostre tractat sobre el [Rerefons], pàgina 21.

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Download

Downloads for LilyPond 2.24.4

Essential links

For new users

Secció “Learning” in *Manual d’aprenentatge*: LilyPond is a **text-based** music engraver; it is more similar to a programming language than a graphical score editing program. Read this to understand the basic LilyPond editing workflow.

Secció “Learning” in *Manual d’aprenentatge*: This gentle introduction to LilyPond shows how to install it and guides you through your first steps with the program.

For users who upgrade from a previous version

Secció “Changes” in *Canvis*: What’s new in LilyPond 2.24.4.

Secció “Usage” in *Utilització del programa*: Explains how to run `convert-ly` to effortlessly update existing input files written for older versions.


Secció “Learning” in *Manual d’aprenentatge*: The installation method shown in the tutorial allows installing several versions of LilyPond in parallel seamlessly.

GNU/Linux

Generic Packages or Distribution-Specific Packages?

Many distributions include LilyPond within their normal package repositories. However, these may be significantly older than the current stable version. If this is the case for you, we strongly recommend that you use our generic packages.


Downloads for Generic Packages

-  GNU/Linux x86_64: LilyPond 2.24.4 (https://gitlab.com/lilypond/lilypond/-/releases/v2.24.4/downloads/lilypond-2.24.4-linux-x86_64.tar.gz)

Windows

Downloads for Generic Packages


These binaries work under current Windows versions (Windows 7 and Windows 8 are not supported).

-  Windows x86_64: LilyPond 2.24.4 (https://gitlab.com/lilypond/lilypond/-/releases/v2.24.4/downloads/lilypond-2.24.4-mingw-x86_64.zip)



macOS

Downloads for Generic Packages

These binaries work on macOS 10.15 (Catalina) and higher. For older macOS versions, please use MacPorts.

-  macOS x86_64: LilyPond 2.24.4 (https://gitlab.com/lilypond/lilypond/-/releases/v2.24.4/downloads/lilypond-2.24.4-darwin-x86_64.tar.gz)

Using a Package Manager

-  MacPorts (<https://www.macports.org/>), a package manager for macOS, has a LilyPond port (<https://ports.macports.org/port/lilypond/summary>).
-  Homebrew (<https://brew.sh/>), another package manager for macOS, has a LilyPond formula (<https://formulae.brew.sh/formula/lilypond>).

For developers

[Source], pàgina 42: for packagers

[Old downloads], pàgina 42: old versions

<undefined> [<undefined>], pàgina <undefined>: latest unstable version

Software License

LilyPond is published under the [GPL], pàgina 43.

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Source

Nota: We **do not** recommend that you attempt to build LilyPond yourself; almost all user needs are better met with the pre-built version.

Source tarball

Source: lilypond-2.24.4.tar.gz (<https://lilypond.org/download/sources/v2.24/lilypond-2.24.4.tar.gz>)

Compiling instructions are listed in Secció “Compiling” in *Guia del col·laborador*.

Old downloads

All versions

To obtain the source and binaries for any release, visit our GitLab releases page (<https://gitlab.com/lilypond/lilypond/-/releases>) for versions since 2.23.6, or the previous download site (<https://lilypond.org/download/binaries/>) for earlier versions.

GPL

Software license

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Version 3, 29 June 2007

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Manuais

Manuais del LilyPond 2.24.4

Introducció

- [Entrada de text], pàgina 27: El LilyPond és un sistema de gravat musical **basat en text**. Llegiu això primer!
- Secció “Aprentatge” in *Manual d’aprenentatge*: una introducció al LilyPond amable i “imprescindible”. ([Aprentatge], pàgina 54)
- Secció “Glossari” in *Glossari musical: (lectura opcional)* termes musicals i traduccions. ([Glossari], pàgina 54)
- Secció “Essay” in *Monografia: (lectura opcional)* la informació de rerefons sobre gravat musical ([[undefined](#)] [[undefined](#)], pàgina [undefined](#))

Ús freqüent

- Secció “Notació” in *Referència de la notació*: referència de la sintaxi. ([Notació], pàgina 55)
- Secció “Utilització” in *Utilització del programa*: com executar els programes. ([Utilització], pàgina 55)
- Secció “Fragments” in *Fragments de codi*: trucs i consells curts. ([Fragments], pàgina 55)

Ús infreqüent

- [FAQ], pàgina 56: Preguntes més freqüents (Frequently Asked Questions).
- [\[\[undefined\]\(#\)\] \[\[undefined\]\(#\)\]](#), pàgina [undefined](#): aquest document. ([Web], pàgina 56)
- Secció “Canvis” in *Canvis*: que hi ha de nou? ([Canvis], pàgina 57)
- Secció “Extensió” in *Extensions*: trucs interessants. ([Extensió], pàgina 57)
- Secció “Funcionament intern” in *Referència de funcionament intern*: referències sobre com fer trucs. ([Funcionament intern], pàgina 57)

Altres materials

- [Tots], pàgina 58: Versions estables anteriors i versió actual com un fitxer comprimit.
- LilyPond Snippet Repository (el magatzem de fragments de codi del LilyPond) (<http://lsr.dsi.unimi.it>): exemples, consells, i trucs creats pels usuaris.
- Video Tutorials (<https://benl.xyz/lilypond/operation-lilypond>): Ben Lemon, usuari del LilyPond, ha creat i publicat un cert nombre de tutorials de vídeo al seu blog que són adequats per a usuaris nous.
- [Desenvolupament], pàgina 71: manuals per a la versió de desenvolupament.
- [FDL], pàgina 58: aquests manuals estan publicats sota la Llicència de Documentació Lliure de GNU.

Formats dels manuals

En general, els manuals del LilyPond es presenten en tres formats: HTML seccionat, HTML monolític i PDF. L’HTML seccionat és adequat per a la lectura en línia. L’HTML monolític (alguns d’aquests fitxers poden ser molt grans) conté tot el manual a una sola pàgina. El PDF està disponible per a la seva descàrrega i per usar-lo fora de línia. Per obtenir cada un dels tres formats, seguiu els enllaços amb el text detalls de i a continuació el nom del manual.

Aprentatge

Manual d'aprenentatge

Aquest llibre explica com començar a aprendre el LilyPond, així com alguns conceptes clau en termes senzills. Hauríeu de llegir aquests capítols en seqüència lineal.

Al final de totes les seccions hi ha un paràgraf **Vegeu també** que conté referències creuades a altres seccions: no hauríeu de seguir les referències creuades la primera vegada que llegiu el manual. Quan hàgiu llegit tot el manual, us convindrà llegir de nou algunes seccions i seguir aquestes referències creuades per obtenir més informació.

Léalo

- Aprentatge (HTML seccionat) ([../learning/index.html](#)) – el manual està dividit en moltes pàgines HTML.
(*una descàrrega petita per cada pàgina*)
- Aprentatge (HTML monolític) ([../learning-big-page.html](#)) – llegiu aquest manual com una sola pàgina HTML enorme.
(*una sola descàrrega gran*)
- [learning.pdf](#) ([../learning.pdf](#)) – descarregueu-lo com un fitxer en format PDF.
(*una sola descàrrega gran*)

Glossari

Glossari

El glossari explica termes musicals i inclou traduccions a diversos idiomes. Si no teniu familiaritat amb la notació o a terminologia musicals (en especial si no sou parlant nadiu de l'anglès), es recomana ferventment que consulteu el glossari.

Léalo

- Glossari musical (HTML seccionat) ([../music-glossary/index.html](#)) – el manual està dividit en moltes pàgines HTML.
(*una descàrrega petita per cada pàgina*)
- Glossari musical (HTML monolític) ([../music-glossary-big-page.html](#)) – llegiu aquest manual com una sola pàgina HTML enorme.
(*una sola descàrrega gran*)
- [music-glossary.pdf](#) ([../music-glossary.pdf](#)) – descarregueu-lo com un fitxer en format PDF.
(*una sola descàrrega gran*)

Monografia

Monografia

Aquest llibre ofereix una història breu de la tipografia musical, seguida d'un examen de les tècniques de gravat musical del LilyPond. Es fa una comparació entre el LilyPond i d'altres sistemes de tipografia musical.

Nota: Els exemples tipogràfics detallats s'analitzen millor a la versió en format PDF a causa de la seva major resolució.

Léalo

- Essay (HTML seccionat) (`../essay/index.html`) – el manual està dividit en moltes pàgines HTML.
(*una descàrrega petita per cada pàgina*)
- Essay (HTML monolític) (`../essay-big-page.html`) – llegiu aquest manual com una sola pàgina HTML enorme.
(*una sola descàrrega gran*)
- `essay.pdf` (`../essay.pdf`) – descarregueu-lo com un fitxer en format PDF.
(*una sola descàrrega gran*)

Notació

Referència de la notació

Aquest llibre explica totes les instruccions del LilyPond que produeixen notació musical.

Nota: La Referència de la Notació suposa que el lector coneix el material bàsic que apareix al Manual d'Aprenentatge i té familiaritat amb els termes musicals anglesos que es presenten al Glossari Musical.

Léalo

- Notació (HTML seccionat) (`../notation/index.html`) – el manual està dividit en moltes pàgines HTML.
(*una descàrrega petita per cada pàgina*)
- Notació (HTML monolític) (`../notation-big-page.html`) – llegiu aquest manual com una sola pàgina HTML enorme.
(*una sola descàrrega gran*)
- `notation.pdf` (`../notation.pdf`) – descarregueu-lo com un fitxer en format PDF.
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Utilització

Manual d'utilització del programa

Aquest llibre explica com executar els programes, com integrar la notació del LilyPond amb altres programes, i suggereix “bones pràctiques” per a un ús eficient d'aquestes eines. Es recomana la seva lectura abans d'afrontar projectes grans.

Léalo

- Utilització (HTML seccionat) (`../usage/index.html`) – el manual està dividit en moltes pàgines HTML.
(*una descàrrega petita per cada pàgina*)
- Utilització (HTML monolític) (`../usage-big-page.html`) – llegiu aquest manual com una sola pàgina HTML enorme.
(*una sola descàrrega gran*)
- `usage.pdf` (`../usage.pdf`) – descarregueu-lo com un fitxer en format PDF.
(*una sola descàrrega gran*)

Fragments

Fragments

Aquest manual presenta un conjunt seleccionat de fragments de codi del LilyPond extrets del Repositori de fragments de codi del LilyPond (<http://lsr.dsi.unimi.it>) (LSR). Tots els fragments es troben al domini públic.

Observeu que aquest document no és un subconjunt estricte del LSR. L'LSR executa una versió estable del LilyPond per la qual cosa qualsevol fragment de codi que mostri funcionalitats noves d'una versió de desenvolupament s'ha d'afegir per separat. Estan emmagatzemats dins de `input/new/` a l'arbre de codi font del LilyPond.

La llista de fragments de codi per a cada subsecció del manual de Notació estan enllaçats també a partir de la secció **Vegeu també**.

Léalo

- Fragments (HTML seccionat) (`../snippets/index.html`) – el manual està dividit en moltes pàgines HTML.
(*una descàrrega petita per cada pàgina*)
- Fragments (HTML monolític) (`../snippets-big-page.html`) – llegiu aquest manual com una sola pàgina HTML enorme.
(*una sola descàrrega gran*)
- `snippets.pdf` (`../snippets.pdf`) – descarregueu-lo com un fitxer en format PDF.
(*una sola descàrrega gran*)

FAQ

Preguntes preliminars

On és la interfície gràfica, els menús i les barres d'eines?

El LilyPond requereix que escrivim la música coma text. Informeu-vos d'això llegint la nostra [Entrada de text], pàgina 27.

Hi ha un munt de documentació! He de llegir-la?

Heu de llegir el manual de [Aprenentatge], pàgina 54. Respecte a la resta de la documentació, sols heu de llegir les seccions que tracten de la notació que vulgueu crear.

Això és encara molta cosa a llegir! Paga la pena?

Decidiu per vos mateix; les raons per les quals voldríeu utilitzar el LilyPond es poden trobar a la [Introducció], pàgina 3.

Qüestions sobre la utilització

Quelcom no funciona! Com ho arreglo?

S'explica a Secció “Solució de problemes” in *Utilització del programa*.

Perquè canvien la sintaxi i el llenguatge?

S'explica a Secció “Perquè canvia la sintaxi?” in *Utilització del programa*.

Web

Web

Aquest manual dóna una informació general sobre el LilyPond. També conté informació sobre diversos fòrums de la comunitat, maneres d'informar de les fallades, i desenvolupament.

Llegiu-lo

Últims manuals

⟨undefined⟩ [⟨undefined⟩], pàgina ⟨undefined⟩,

Manual web en 2.25.18

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Canvis

Canvis

Això és un resum dels canvis més importants i noves funcionalitats produïdes al LilyPond a partir de la versió estable anterior.

Léalo

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Extensió

Extensió del LilyPond

Aquest manual explica com escriure extensions del LilyPond.

Léalo

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Funcionament intern

Referència del funcionament intern

Aquest és un conjunt de pàgines ple de referències creuades que constitueixen la documentació de tots els detalls de cada una de les classes, objectes i funcions del LilyPond. Es produeix directament a partir de les definicions de format del codi font.

Gairebé tota la funcionalitat de format que s'utilitza internament està disponible per a l'usuari directament. Per exemple, gairebé totes les variables que controlen els valors de gruix, les distàncies, etc., es poden modificar als fitxers d'entrada. Hi ha un nombre molt gran d'opcions de format, i totes ells es descriuen en aquest document. Cadascuna de les seccions de la Referència de la Notació té una subsecció **Vegeu també**, que es refereix a la documentació generada.

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Tots

Versions per descarregar

Els *tarballs* per descarregar sols estan disponibles a <https://lilypond.org>

Versions estables anteriors

- Documentación de LilyPond 2.16 (<https://lilypond.org/doc/v2.16/Documentation/>)
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Comunitat

Interactuar amb la comunitat

- [Contacte], pàgina 66: obtenir ajuda, xatejar i, mantenir-se en contacte!
- [Exemples mínims], pàgina 68: són *molt* recomanables quan es parla del LilyPond.
- [Informes de fallades], pàgina 69: alguna cosa ha anat malament.

Millorar el LilyPond

- [Presteu la vostra ajuda], pàgina 70: se sol·licita la vostra col·laboració.
- [Patrocini], pàgina 71: contribucions financeres.
- [Desenvolupament], pàgina 71: per a col·laboradors i pilots de prova.
- [GSoC 2012], pàgina 73: les nostres idees per a l'edició 2012 del «Google Summer of Code» (Estiu de Codi del Google).
- [Autors], pàgina 75: les persones que han fet el LilyPond el que és.

Miscel·lània

- [Publicacions], pàgina 78: què hem escrit, i que han escrit sobre nosaltres.
- [Notícies antigues], pàgina 79: l'arxiu.
- [Golfes], pàgina 80: anuncis i registres de canvis de versions antigues.

Contacte

Discussió i ajuda entre persones usuàries

Llista de distribució d'usuaris: `lilypond-user@gnu.org`

Aquesta llista de distribució de correu (en anglès) és el lloc principal que tenen els usuaris per discutir i prestar-se ajuda mútua.

subscripció i informació sobre lilypond-user (<https://lists.gnu.org/mailman/listinfo/lilypond-user>)

arxiu 1 de la llista de usuaris (<https://lists.gnu.org/archive/html/lilypond-user/>) arxiu 2 (<http://www.mail-archive.com/lilypond-user@gnu.org/>)

Nota: En formular preguntes, si us plau, utilitzeu [Exemples mínims], pàgina 68!

El dipòsit de fragments de codi del LilyPond

El dipòsit de fragments de codi del LilyPond és una gran col·lecció d'exemple enviats pels usuaris, que es poden copiar i usar lliurement en les seves pròpies obres. Vegeu les coses que han escrit els altres, i afegiu les vostres pròpies!

<https://lsr.di.unimi.it>

Els exemples del LSR que són especialment instructius s'inclouen a la nostra documentació oficial, a [\[Exemples mínims\]](#), pàgina [68](#).

IRC

Hi existeix un cert grau de suport mitjançant el nostre canal d'IRC,

#lilypond@irc.libera.chat (<irc://irc.libera.chat/lilypond>)

Aquest canal no té arxius públics, per la qual cosa qualsevol qüestió que pogués ser d'utilitat per als altres usuaris s'hauria d'enviar preferentment a una de les llistes de correu.

Altres idiomes

llista de correu en espanyol (<https://lists.gnu.org/mailman/listinfo/lilypond-es>)

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Esteu sempre informat

LilyPond Report (l'Informe LilyPond)

La manera més fàcil d'estar en contacte és llegir el butlletí de la nostra comunitat, l'Informe LilyPond:

<https://web.archive.org/web/20110325004849/http://news.lilynet.net>

Llista de correu de llançaments: info-lilypond@gnu.org

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Discussió entre desenvolupadors

La llista de distribució de desenvolupadors: lilypond-devel@gnu.org

Quasi tota la discussió entre desenvolupadors té lloc en aquesta llista. El pegats s'han d'enviar aquí.

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Llista de fallades: bug-lilypond@gnu.org

La discussió específica sobre fallades es produeix aquí.

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Nota: Abans d'enviar un missatge a la llista de fallades, llegiu les nostres indicacions per elaborar [Informes de fallades], pàgina 69.

Correus delicats

Els assumptes privats s'han d'enviar a Graham Percival (gestor del projecte), que els discutirà amb les persones pertinents.

Exemples mínims

¿Qué són els “exemples mínims”?

Un exemple mínim és un exemple del que no es pot eliminar **res**

¿Perquè crear-los?

- Quant més simple és l'exemple, més ràpidament poden els desenvolupadors entendre'l i ajudar-vos.
- Un exemple mínim demostra que us heu esforçat en resoldre el problema per vos mateix. Quan algú envia blocs grans de codi d'entrada, dona la impressió que no li importa que l'ajudem o que no ho vol.
- La creació d'un exemple mínim us ajuda a entendre el que esta passant. Molts informes falsos de problemes es podrien evitar intentant crear un exemple mínim; si no pot reproduir una “fallada” en un exemple mínim, probablement el problema era una compressió insuficient sobre el LilyPond, no una veritable fallada!

Com es fan?

- Inclou el número de versió en una instrucció `\version`.
- Feu-lo petit! Els exemples relacionats amb l'espaiat o la disposició de les pàgines poden requerir molts compassos, però gairebé tots els problemes es poden reproduir mitjançant un sols compàs o menys.
- Quan intenti crear un exemple, provi a convertir en comentaris (`%` o `%{ ... %}`) diferents seccions del fitxer. Si podeu convertir un bloc en un comentari i encara mostrar la idea principal, aleshores elimineu aquest bloc.
- Eviteu la utilització de notes, tonalitats o compassos molt complicats, a no ser que la fallada estigui relacionada amb el comportament d'aquests elements.
- No utilitzeu instruccions `\override` ni `\set` a no ser que la fallada es refereixi a aquestes instruccions en concret.
- De forma opcional, adjunteu una imatge que mostri el resultat gràfic que desitgeu.

Quant de petit ha de ser?

El codi que segueix, és un exemple mínim?

```
\version "2.14.1"
\include "catalan.ly"

\score {
  \new Staff {
    \key re \major
    \numericTimeSignature
    \time 2/4
    <dos' re'' si''>16 <dos' re'' si''>8.
    %% Aquí: la lligadura d'unió sobre els Re tenen un aspecte graciós
    %% Massa alta? El punt final de la mà esquerra no s'alinea
```

```

%% amb la lligadura del Si?
~
<dos' re'' si''>8 [ <si re'' la''> ]
}
}

```

Bé, no és molt gran, però vet ací un exemple veritablement mínim:

```

\version "2.14.1"
{
  % la lligadura intermèdia té un aspecte graciós aquí:
  <c' d'' b''>8. ~ <c' d'' b''>8
}

```

Molts pocs exemples mínims superen les 10 línies de codi: el més corrent és que hi hagi prou amb 4 línies per mostrar el problema!

Informes de fallades

Si té un codi d'entrada que produeix una terminació abrupta o una sortida defectuosa, això és una fallada.

Pas 1: fallades conegudes

Probablement ja coneixem aquesta fallada. Comproveu-ho aquí:

<https://gitlab.com/lilypond/lilypond/-/issues>

Nota: Us preguem que **NO** afegiu informes de fallades directament al sistema de seguiment. Un cop que un problema s'ha afegit al sistema, ja podeu afegir lliurement més informació a aquest informe.

Pas 2: creació d'un informe de fallada

Si heu descobert una fallada que no estigui a la llista, ajudeu-nos elaborant un informe de fallada.

Nota: Sols acceptem informes en forma de [Exemples mínims], pàgina 68. Disposem de recursos molt limitats, per la qual cosa qualsevol exemple que no sigui mínim serà rebutjat. Gairebé totes les fallades es poden demostrar amb quatre notes o menys!

Vet ací un exemple d'un bon informe de fallada:

```

% Accidentals should be printed for only
% the first note in a tie, but this version
% prints flats on both notes.
\version "2.10.1"

\relative c'' {
  bes1 ~
  bes1
}

```

Pas 3: enviar l'informe de fallada

Un cop que heu verificat que el problema no és conegut ja, i heu creat l'informe, podeu enviar-nos-el!

- Si esteu subscrit a la llista de correu bug-lilypond@gnu.org (<mailto:bug-lilypond@gnu.org>), envieu un missatge de la forma habitual.

Pas 4: Esperar resposta

Un cop que el vostre informe de fallada s’ha enviat a la llista, el nostre esquadró de fallades l’examinarà. Potser us demanin més informació. Se us avisarà quan l’informe s’afegeixi al sistema de seguiment de fallades. Doneu-los un temps de uns 4 dies, ja que disposem d’un nombre limitat de voluntaris per a aquesta tasca.

Un cop que la fallada s’ha afegit al sistema de seguiment, podeu comentar-lo per afegir-li més informació. Podeu marcar la fallada amb una estrella de forma que rebeu missatges automàticament quan es produeix cap activitat sobre ella. Això requereix que disposeu un compte del Google.

Ajuda opcional: mostrar el resultat desitjat

Un cop que el problema s’ha afegit al sistema de seguiment, pot ser de molta ajuda que veiem la sortida desitjada. Amb tota llibertat afegiu codi d’entrada i/o imatges (creades possiblement amb altres eines) que mostrin l’aspecte que creieu que ha de tenir!

Presteu la vostra ajuda

We need you!

Thank you for your interest in helping us — we would love to see you get involved! Your contribution will help a large group of users make beautifully typeset music.

Even working on small tasks can have a big impact: taking care of them allows experienced developers work on advanced tasks, instead of spending time on those simple tasks.

For a multi-faceted project like LilyPond, sometimes it’s tough to know where to begin. In addition to the avenues proposed below, you can send an e-mail to the lilypond-devel@gnu.org (<https://lists.gnu.org/mailman/listinfo/lilypond-devel>) mailing list, and we’ll help you to get started.

Simple tasks

No programming skills required!

- Mailing list support: answer questions from fellow users. (This may entail helping them navigate the online documentation; in such cases it may sometimes be appropriate to point them to version-agnostic URL paths such as `/latest/` (<https://lilypond.org/doc/latest/Documentation/notation/>) or `/stable/` (<https://lilypond.org/doc/stable/Documentation/notation/>), which are automatically redirected.)
- Bug reporting: help users create proper `<undefined> [<undefined>]`, pàgina `<undefined>`, and/or join the Bug Squad to organize Secció “Issues” in *Guia del col·laborador*.
- Documentation: small changes can be proposed by following the guidelines for Secció “Documentation suggestions” in *Guia del col·laborador*.
- LilyPond Snippet Repository (LSR): create and fix snippets following the guidelines in Secció “Adding and editing snippets” in *Guia del col·laborador*.
- Discussions, reviews, and testing: the developers often ask for feedback about new documentation, potential syntax changes, and testing new features. Please contribute to these discussions!

Advanced tasks

These jobs generally require that you have the source code and can compile LilyPond.

Nota: We suggest that contributors using Windows or MacOS X do **not** attempt to set up their own development environment; instead, use Lilydev as discussed in Secció “Quick start” in *Guia del col·laborador*.

Contributors using Linux or FreeBSD may also use Lilydev, but if they prefer their own development environment, they should read Secció “Working with source code” in *Guia del col·laborador*, and Secció “Compiling” in *Guia del col·laborador*.

Begin by reading Secció “Summary for experienced developers” in *Guia del col·laborador*.

- Documentation: for large changes, see Secció “Documentation work” in *Guia del col·laborador*.
- Website: the website is built from the normal documentation source. See the info about documentation, and also Secció “Website work” in *Guia del col·laborador*.
- Translations: see Secció “Translating the documentation” in *Guia del col·laborador*, and Secció “Translating the website” in *Guia del col·laborador*.
- Bugfixes or new features: read Secció “Programming work” in *Guia del col·laborador*.

Patrocini

Recompenses

Anteriorment,

- alguns usuaris han pagat a canvi de noves funcionalitats
- alguns desenvolupadors han estat contractats per funcionalitats noves

El projecte LilyPond no organitza aquesta tasques; ni ratifiquem ni dissuadim acords d’aquest tipus. Tot contracte privat entre persones individuals és un assumpte d’aquestes persones, no nostre.

Pautes

Tot usuari que vulgui oferir diners a canvi d’una feina, hauria de tenir en compte els següents punts:

- Els desenvolupadors del LilyPond poden anunciar els seus serveis a les llistes de correu del LilyPond de tant en tant.
- Tot acord entre persones individuals hauria d’incloure les precaucions normals quen es fan negocis: qui paga, quant paga, quin mètode s’utilitzarà per pagar, i sobre quin paquet de condicions. Suggerim que cap ambigüitat o incertesa en aquest tipus de qüestions es resolguin abans que comenci qualsevol feina.

Desenvolupament

Materials de desenvolupament per al LilyPond 2.25.18

Nota: Aquestes són les versionns *inestables de desenvolupment*. Si teniu el més lleuger dubte en torn a com usar o instal·lar el LilyPond, us cominem a utilitzar la [Download], pàgina 41, i llegeixi els [Manuals], pàgina 53.

Números de versió

Hi ha dos conjunts de llançaments per al LilyPond: llançaments estables, i llançament inestables de desenvolupament. Les versions estables tenen un número de versió ‘menor’ parell (per exemple

2.8, 2.10, 2.12). Les versions de desenvolupament tenen un número ‘menor’ de versió imparell (per exemple 2.7, 2.9, 2.11).

Descàrrega

Les instruccions de Git i per a la compilació estan a la Guia del Col·laborador.

Dipòsit Git del LilyPond (<https://git.sv.gnu.org/gitweb/?p=lilypond.git>)

En general els redactors de la documentació i els pilots de proves voldran descarregar l’últim fitxer binari:

GNU/Linux x86_64: LilyPond 2.25.18 (https://gitlab.com/lilypond/lilypond/-/releases/v2.25.18/downloads/lilypond-2.25.18-linux-x86_64.tar.gz)
 macOS x86_64: LilyPond 2.25.18 (https://gitlab.com/lilypond/lilypond/-/releases/v2.25.18/downloads/lilypond-2.25.18-darwin-x86_64.tar.gz)
 Windows x86_64: LilyPond 2.25.18 (https://gitlab.com/lilypond/lilypond/-/releases/v2.25.18/downloads/lilypond-2.25.18-mingw-x86_64.zip)
 Source: lilypond-2.25.18.tar.gz (<https://lilypond.org/download/sources/v2.25/lilypond-2.25.18.tar.gz>)-ca

Guia del col·laborador

El desenvolupament del LilyPond és un assumpte força complicat. El LilyPond és un projecte gran i (més o menys) estable. Per poder ajudar als nous col·laboradors, i per mantenir tot el sistema (més o menys) estable, hem escrit un manual per als col·laboradors.

- Guia del col·laborador (HTML seccionat) ([../contributor/index.html](http://contributor/index.html)) – el manual està dividit en moltes pàgines HTML.
(*una descàrrega petita per cada pàgina*)
- Guia del col·laborador (HTML monolític) ([../contributor-big-page.html](http://contributor-big-page.html)) – llegiu aquest manual com una sola pàgina HTML enorme.
(*una sola descàrrega gran*)
- contributor.pdf ([../contributor.pdf](http://contributor.pdf)) – descarregueu-lo com un fitxer en format PDF.
(*una sola descàrrega gran*)

Proves de regressió

-
- Proves de regressió ([../input/regression/collated-files.html](http://input/regression/collated-files.html)): Proves del llançament actual. (versió PDF ([../input/regression/collated-files.pdf](http://input/regression/collated-files.pdf)))
- Proves de regressió del MusicXML ([../input/regression/musicxml/collated-files.html](http://input/regression/musicxml/collated-files.html)): les proves del MusicXML de la versió actual. (versió PDF ([../input/regression/musicxml/collated-files.pdf](http://input/regression/musicxml/collated-files.pdf))).
- proves de l’abc2ly ([../input/regression/abc2ly/collated-files.html](http://input/regression/abc2ly/collated-files.html)): Les proves de l’abc2ly d’aquesta versió. (versió en PDF ([../input/regression/abc2ly/collated-files.pdf](http://input/regression/abc2ly/collated-files.pdf)))

Manuais

Nota: Aquests manuals són per al LilyPond 2.24.4; els manuals més recents estan a <https://lilypond.org>

Introducció

Aprenentatge (HTML seccionat) (../learning/index.html)	Aprenentatge (HTML monolític) (../learning-big-page.html)	learning.pdf (../learning.pdf)
Glossari (HTML seccionat) (../music-glossary/index.html)	Glossari (HTML monolític) (../music-glossary-big-page.html)	music-glossary.pdf (../music-glossary.pdf)
Essay (HTML seccionat) (../essay/index.html)	Essay (HTML monolític) (../essay-big-page.html)	essay.pdf (../essay.pdf)

Estàndard

Notació (HTML seccionat) (../notation/index.html)	Notació (HTML monolític) (../notation-big-page.html)	notation.pdf (../notation.pdf)
Utilització (HTML seccionat) (../usage/index.html)	Utilització (HTML monolític) (../usage-big-page.html)	usage.pdf (../usage.pdf)
Fragments (HTML seccionat) (../snippets/index.html)	Fragments (HTML monolític) (../snippets-big-page.html)	snippets.pdf (../snippets.pdf)

Poc freqüents

Web (HTML seccionat) (../web/index.html)	Web (HTML monolític) (../web-big-page.html)	web.pdf (../web.pdf)
Canvis (HTML seccionat) (../changes/index.html)	Canvis (HTML monolític) (../changes-big-page.html)	changes.pdf (../changes.pdf)
Extensions (HTML seccionat) (../extending/index.html)	Extensions (HTML monolític) (../extending-big-page.html)	extending.pdf (../extending.pdf)
Funcionament intern (HTML seccionat) (../internals/index.html)	Funcionament intern (HTML monolític) (../internals-big-page.html)	internals.pdf (../internals.pdf)

GSoC 2012

Què és el Google Summer of Code (Estiu del Codi del Google)?

És un programa global portat a terme pel Google que ofereix a estudiants una ajuda perquè treballin en projectes de programari de codi obert durant les vacances d'estiu.

L'equip del LilyPond va decidir que aquesta era una oportunitat excel·lent per trobar col·laboradors nous i animar els estudiants que ja participen en el desenvolupament del LilyPond a què s'impliquin encara més. Un dels nostre col·laboradors ha estat seleccionat per a l'edició del program com a part del project GNU (<https://www.gnu.org/>); esperem poder participar també a edicions futures.

La nostra llista d'idees per al 2012

Més a baix hi apareix una llista dels projectes que hem suggerit per als estudiants del GSoC 2012. Tot i que ha finalitzat el plaç de sol·licituds, hem decidit mantenir visible aquesta pàgina com inspiració per a qualsevol persona interessada en el desenvolupament del LilyPond. Alguns membres de l'equip de desenvolupament estan disposats a prestar la seva ajuda a aquells que vulguin implicar-se en aquests projectes.

Per descomptat, hi ha moltes més coses a millorar al LilyPond, entre elles algunes de molt petites. Hi ha una llista completa aquí (<https://gitlab.com/lilypond/lilypond/-/issues>).

Notes de adorn

Arreglar problemes amb la sincronització de les notes d'adorn, junt a tota l'arquitectura subjacent (vegeu el problema número 34 del nostre sistema de seguiment (<https://gitlab.com/lilypond/lilypond/-/issues/34/>)). Les notes d'adorn confonen el sistema de comptabilització de temps del LilyPond perquè són com anar cap a darrere en el temps. Això causa efectes estranys, en especial quan un pentagrama té una nota d'adorn que un altre no té.

Dificultat: mitjana

Requisits: C++, MIDI

Recomanat: familiaritat amb el funcionament intern del LilyPond

Mentor(s): Mike Solomon, Carl Sorensen

MusicXML

Afegir exportació completa del MusicXML i millora de la importació, junt amb les proves de comprovació que funciona. Depenent del temps disponible, implementar alguns a tots els següents:

- Manipulació de l'exportació del contingut musical bàsic com ara l'exportació MIDI (és a dir, ús de classes exportadores dedicades, derivades de la classe `Translator`)
- Construir l'arbre XMDL del contingut musical bàsic, i una connexió des de l'esdeveniment musical a l'etiqueta XML
- Fer que tots els gravadors del LilyPond facin la seva feina
- Afegir la possibilitat d'enllaçar cada objecte de presentació (bàsicament cada segell o grup de segells) a la causa musical (així com a l'etiqueta XML dins de l'arbre XML)
- Afegir un 'rerefons' de sortida XML, que pot després afegir la informació de disposició per a cadascú dels objectes de sortida a les etiquetes del XML

L'objectiu es considerarà aconseguit quan una partitura (prèviament seleccionada) pugui importar-se des del MusicXML i exportada de nou sense cap pèrdua de dades no intencionada.

Dificultat: mitjana

Requisits: MusicXML, Python, coneixement bàsic del LilyPond

Mentor(s): Reinhold Kainhofer, Mike Solomon

Seria un element al vostre favor la familiaritat amb altres editors de partitures per poder fer proves creuades.

Millora de les lligadures d'unió i d'expressió

Sovint la forma predeterminada de les corbes de lligadura no és satisfactòria. No estan contemplades les lligadures d'unió entre notes enharmòniques { dos' - reb' }, les lligadores "trencades" per una clau o un canvi de pauta no estan ben contemplades. El projecte inclou la recol·lecció i ordenació d'exemples de sortida defectuosa, decidir sobre la sortida que es desitja tenir i escriure el codi corresponent.

Dificultat: alta

Requisits: C++, experiència amb heurística de l'escriptura

Coneixements recomanats: LilyPond, sentit estètic

Mentor(s): Mike Solomon

Afegir una variant especial dels caràcters gràfics de font tipogràfica

Afegir variants per a alguns caràcters gràfics, como ara els signes d'alteració, per a línies sobre la pauta, entre pautes, escurçades i estretes, així com una infraestructura genèrica per incorporar-los. Un exemple és el cap de la breu d'una notació antiga, que ve en dues variants, amb l'orifici petit i gran.

Dificultat: fàcil

Requisits: MetaFont, C++, bon ull per als detalls

Coneixements recomanats: coneixements bàsics del LilyPond

Mentor(s): Werner Lemberg

Millora del barrat

Hauria de millorar-se el posicionament predeterminat de les barres de corxera (i figures menors) normals, de pentagrama creuat, interrompudes i en angle. El barrat hauria de dependre del context i de les notes veïnes (vegeu la secció 2.2 (<http://icking-music-archive.org/lists/sottisier/sottieng.pdf>)). Si és possible, reduir el temps de càlcul del barrat.

Dificultat: mitjana

Requisits: C++, experiència amb heurística de l'escriptura

Coneixements recomanats: sentit estètic

Mentor(s): Mike Solomon, Carl Sorensen

Neteja de diversos advertiments de compilació

Neteja dels advertiments de compilació, anàlisi estàtica del codi, i advertiments del valgrind. Les eines d'anàlisi automàtica del codi (advertiments de g++ i clang) i eines d'anàlisi com ara la detecció de filtracions de memòria dels perfiladors de codi valgrind i callgrind aporten informació valuosa sobre possibles problemes en el codi de C++. La neteja d'aquests advertiments ens permetria rebutjar automàticament qualsevol pegat que introduís més advertiments dels que hi ha actualment.

Dificultat: mitjana

Requisits: C++

Mentor(s): Joe Neeman, Reinhold Kainhofer

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Traducció

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Jay Anderson, Tom Cato Amundsen, Torsten Hämmerle, Marc Hohl, Masamichi Hosoda, Chris Jackson, Alexander Kobel, Daniel Benjamin Miller, Abraham Lee, Keith OHara, Carsten Steger, Arno Waschke, Rune Zedeler

Documentació

Erlend Aasland, Simon Albrecht, Trevor Bača, Kevin Barry, Bernhard Bloechl, Alard de Borer, Frédéric Bron, Federico Bruni, Torsten Hämmerle, Jay Hamilton, Joseph Harfouch, Andrew Hawryluk, Karlin High, Cameron Horsburgh, Geoff Horton, Masamichi Hosoda, Heikki Junes,

Michael K  ppler, Kurtis Kroon, Davide Liessi, Urs Liska, Dave Luttinen, Kieren MacMillan, Jean-Charles Malahieude, Malte Meyn, Christian Mondrup, Mike Moral, Thomas Morley, Paul Morris, Eyolf   strem, Ralph Palmer, Pierre Perol-Schneider, Fran  ois Pinard, Noam Postavsky, David Pounder, Michael Rasmussen, Till Rettig, Pavel Roskin, Patrick Schmidt, Andrej Shadura, Alberto Simoes, Fr. Samuel Springuel, Guy Stalnaker, Greg Swinford, Martin Tarenskeen, Arnold Theresius, Anh Hai Trinh, Eduardo Vieira, Stefan Weil, Rune Zedeler, Rodolfo Zitellini

Esquadr   de fallades

Simon Albrecht, James E. Bailey, Federico Bruni, Eluze, Phil Holmes, Derek Klinge, Marek Klein, Urs Liska, Kieren MacMillan, Ralph Palmer, Dmytro O. Redchuk

Suport

Simon Albrecht, Eluze, Anthony Fok, Christian Hitz, Marc Hohl, Phil Holmes, Chris Jackson, Heikki Junes, Marek Klein, Urs Liska, Alex Loomis, Kieren MacMillan, Tim McNamara, Thomas Morley, Paul Morris, David Nalesnik, Ralph Palmer, Pierre Perol-Schneider, Neil Puttock, David Svoboda, Tao

Traducci  

Caio Barros, Alard de Boer, Federico Bruni, Luca Rossetto Casel, Felipe Castro, Abel Cheung, Fr  d  ric Chiasson, Simon Dahlbacka, Orm Finnendahl, Rafael Fontenelle, Pavel Fric, Hiroshi Fukuhara, Walter Garcia-Fontes, David Gonz  lez, Tommaso Gordini, Nicolas Grandclau-
de, Erika Griechisch, D  nes Harmath, Damien Heurtebise, Masamichi Hosoda, Bjoern Jacke, Matthieu Jacquot, Neil Jerram, Heikki Junes, Nicolas Klutchnikoff, Jean-Charles Malahieude, Adrian Mariano, Christian Mondrup, Tineke de Munnik, Steven Michael Murphy, Till Paala, Fran  ois Pinard, Gauvain Pocentek, Till Rettig, Ludovic Sardain, Yoshiki Sawada, Thomas Scharkowski, Clytie Siddall, August S. Sigov, Roland Stigge, Tomohiro Tatejima, Paco Tomillo, Risto V    r  niemi, Andrea Valle, Ralf Wildenhues, Olcay Yildirim

Publicacions

El que nosaltres hem escrit sobre el LilyPond

- Server Acim. **GNU/LilyPond (Turkish Language)**. 2013. (PDF 2100k (<http://library.inonu.edu.tr/dosya/files/gnulilypond-serveracim.pdf>)).
- Graham Percival. **Sustainability in F/OSS: developers as a non-renewable resource**. In *Rencontres Mondiales du Logiciel Libre 2010 (RMLL2010)*, 2010. (PDF 333k (<https://lilypond.gitlab.io/static-files/media/graham-sustainability-FOSS.pdf>)).
- Han Wen Nienhuys and Jan Nieuwenhuizen. **LilyPond, a system for automated music engraving**. In *Colloquium on Musical Informatics (XIV CIM 2003)*, May 2003. (PDF 95k (<https://lilypond.gitlab.io/static-files/media/xivcim.pdf>)).
- Han Wen Nienhuys. **LilyPond, Automated music formatting and the Art of Shipping**. In *Forum Internacional Software Livre 2006 (FISL7.0)*, 2006. (PDF 1095k (<https://lilypond.gitlab.io/static-files/media/FISL7-slides.pdf>)).
- Margarethe Maierhofer Lischka & Florian Hollerweger. **Lilypond: music notation for everyone!**. In *Linux Audio Conference 2013 (LAC2013)*, 2013. (PDF 890k (https://lilypond.gitlab.io/static-files/media/lilypond_lac2013.pdf)).
- Reinhold Kainhofer. **OrchestrallLily: A Package for Professional Music Publishing with LilyPond and L  TEX**. In *The Linux Audio Conference 2010 (LAC2010)*, 2010. (PDF 767k (<https://lilypond.gitlab.io/static-files/media/reinhold-LAC-2010.pdf>)).

- Erik Sandberg. **Separating input language and formatter in GNU LilyPond**. Master's thesis, Uppsala University, Department of Information Technology, March 2006. (PDF 750k (<https://lilypond.gitlab.io/static-files/media/thesis-erik-sandberg>)).
- Francisco Vila. **Tipografía musical para la educación y análisis de la dinámica del software libre (Spanish language)**. PhD thesis, Universidad de Extremadura, 2015. (PDF 20M (<https://paconet.org/wiki/index.php?title=Tesis>)).

El que uns altres han fet amb el LilyPond

- Kevin C. Baird. **Real-time generation of music notation via audience interaction using python and GNU LilyPond**. In *New Interfaces for Music Expression*, May 2005.
- Alexandre Tachard Passos, Marcos Sampaio, Pedro Kröger, and Givaldo de Cidra. **Functional Harmonic Analysis and Computational Musicology in Rameau**. In *Proceedings of the 12th Brazilian Symposium on Computer Music*, pages 207–210, 2009.
- Graham Percival, Tosten Anders, and George Tzanetakis. **Generating Targeted Rhythmic Exercises for Music Students with Constraint Satisfaction Programming**. In *International Computer Music Conference*, 2008.
- Alberto Simões, Anália Lourenço, and José João Almeida. (J. Neves et al., editor). **Using Text Mining Techniques for Classical Music Scores Analysis**. In *New Trends in Artificial Intelligence*, 2007.

Si coneixeu qualssevol altres articles acadèmics que mereixin aparèixer relacionats aquí, us preguem que ens ho faci saber segons s'explica a les instruccions que apareixen a la secció a les instruccions que apareixin a la secció [\[undefinid\]](#) [\[undefinid\]](#), pàgina [\[undefinid\]](#).

Notícies antigues

Nota: Hi ha molts anuncis i registres de canvi antics a les [\[Golfes\]](#), pàgina 80

LilyPond 2.24.4 released! *July 21, 2024*

We are proud to announce the release of GNU LilyPond 2.24.4. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version contains a number of fixes since the release of the previous stable version in November 2023. We recommend all users to update. Scores converted to or written for 2.24.0 will continue to work with this release. A list of added features and other user-visible changes for 2.24 can be found at <https://lilypond.org/doc/v2.24/Documentation/changes/>. Among others, version 2.24.0 switched to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

For distributions, Guile 3.0 is officially supported since the previous LilyPond 2.24.3, even though the recommended version will remain Guile 2.2 for the LilyPond 2.24 series.

LilyPond 2.25.18 released *July 14, 2024*

We are happy to announce the release of LilyPond 2.25.18. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

Golfes

Anuncis

Anuncis i notícies per versió: v2.16 (https://lilypond.org/doc/v2.16/Documentation/web/index#Lilypond-2_002e16_002e0-released_0021-August-24_002c-2012-1), v2.14 (https://lilypond.org/doc/v2.14/Documentation/web/index#LilyPond-2_002e14_002e0-released_0021-June-6_002c-2011), v2.12 (<https://lilypond.org/website/misc/announce-v2.12>), v2.10 (<https://lilypond.org/website/misc/announce-v2.10>), v2.8 (<https://lilypond.org/website/misc/announce-v2.8>), v2.6 (<https://lilypond.org/website/misc/announce-v2.6>), v2.4 (<https://lilypond.org/website/misc/announce-v2.4>), v2.2 (<https://lilypond.org/website/misc/announce-v2.2>), v2.0 (<https://lilypond.org/website/misc/announce-v2.0>), v1.2 (<https://lilypond.org/website/misc/ANNOUNCE-1.2>), v1.0 (<https://lilypond.org/website/misc/ANNOUNCE-1.0>), v0.1 (<https://lilypond.org/website/misc/ANNOUNCE-0.1>)

Llista descriptiva dels canvis per versió: v2.16 (<https://lilypond.org/doc/v2.16/Documentation/changes/index.html>), v2.14 (<https://lilypond.org/doc/v2.14/Documentation/changes/index.html>), v2.12 (<https://lilypond.org/doc/v2.12/Documentation/topdocs/NEWS>), v2.10 (<https://lilypond.org/doc/v2.10/Documentation/topdocs/NEWS>), v2.8 (<https://lilypond.org/doc/v2.8/Documentation/topdocs/NEWS>), v2.6 (<https://lilypond.org/doc/v2.6/Documentation/topdocs/NEWS>), v2.4 (<https://lilypond.org/doc/v2.4/Documentation/topdocs/out-www/NEWS>), v2.2 (<https://lilypond.org/doc/v2.2/Documentation/topdocs/out-www/NEWS>), v2.0 (<https://lilypond.org/doc/v2.0/Documentation/topdocs/out-www/NEWS>), v1.8 (<https://lilypond.org/doc/v1.8/Documentation/topdocs/out-www/NEWS>), v1.6 (<https://lilypond.org/doc/v1.6/Documentation/out-www/NEWS>), v1.4 (<https://lilypond.org/website/misc/NEWS-1.4>), v1.2 (<https://lilypond.org/website/misc/NEWS-1.2>)

Agraïments

Gràcies als desenvolupadors, col·laboradors, i caçadors de fallades i aportadors de suggeriments per v2.16 (<https://lilypond.org/website/misc/THANKS-2.16>), v2.14 (<https://lilypond.org/website/misc/THANKS-2.14>), v2.12 (<https://lilypond.org/website/misc/THANKS-2.12>), v2.10 (<https://lilypond.org/website/misc/THANKS-2.10>), v2.8 (<https://lilypond.org/website/misc/THANKS-2.8>), v2.6 (<https://lilypond.org/website/misc/THANKS-2.6>), v2.4 (<https://lilypond.org/website/misc/THANKS-2.4>), v2.2 (<https://lilypond.org/website/misc/THANKS-2.2>), v2.0 (<https://lilypond.org/website/misc/THANKS-2.0>), v1.8 (<https://lilypond.org/website/misc/THANKS-1.8>)

Registres de canvis

Registres de canvis dels desenvolupadors, per versió: v2.10 (<https://lilypond.org/website/misc/ChangeLog-2.10>), v2.3 (<https://lilypond.org/website/misc/ChangeLog-2.3>), v2.1 (<https://lilypond.org/website/misc/ChangeLog-2.1>), v1.5 (1) (<https://lilypond.org/website/misc/ChangeLog-1.5>), v1.5 (2) (<https://lilypond.org/website/misc/CHANGES-1.5>), v1.4 (<https://lilypond.org/website/misc/CHANGES-1.4>), v1.3 (<https://lilypond.org/website/misc/CHANGES-1.3>), v1.2 (<https://lilypond.org/website/misc/CHANGES-1.2>), v1.1 (<https://lilypond.org/website/misc/CHANGES-1.1>), v1.0 (<https://lilypond.org/website/misc/CHANGES-1.0>), v0.1 (<https://lilypond.org/website/misc/CHANGES-0.1>), v0.0 (<https://lilypond.org/website/misc/CHANGES-0.0>)

LilyPond 2.25.17 released *June 15, 2024*

We are happy to announce the release of LilyPond 2.25.17. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

LilyPond 2.25.16 released *May 12, 2024*

We are happy to announce the release of LilyPond 2.25.16. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

LilyPond 2.25.15 released *April 20, 2024*

We are happy to announce the release of LilyPond 2.25.15. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

LilyPond 2.25.14 released *March 23, 2024*

We are happy to announce the release of LilyPond 2.25.14. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

LilyPond 2.25.13 released *February 10, 2024*

We are happy to announce the release of LilyPond 2.25.13. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

LilyPond 2.25.12 released *January 7, 2024*

We are happy to announce the release of LilyPond 2.25.12. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

LilyPond 2.25.11 released *December 10, 2023*

We are happy to announce the release of LilyPond 2.25.11. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.3, the current stable release.

LilyPond 2.24.3 released! *November 19, 2023*

We are proud to announce the release of GNU LilyPond 2.24.3. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version contains a number of fixes since the release of the previous stable version in August 2023. We recommend all users to update. Scores converted to or written for 2.24.0 will continue to work with this release. A list of added features and other user-visible changes for 2.24 can be found at <https://lilypond.org/doc/v2.24/Documentation/changes/>. Among others, version 2.24.0 switched to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

For distributions, LilyPond 2.24.3 most notably includes a fix to restore PDF conversion with the recent Ghostscript 10.02.1. Also Guile 3.0 is now officially supported, even though the recommended version will remain Guile 2.2 for the LilyPond 2.24 series.

LilyPond 2.25.10 released *November 11, 2023*

We are happy to announce the release of LilyPond 2.25.10. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.2, the current stable release.

LilyPond 2.25.9 released *October 7, 2023*

We are happy to announce the release of LilyPond 2.25.9. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.2, the current stable release.

LilyPond 2.25.8 released *September 16, 2023*

We are happy to announce the release of LilyPond 2.25.8. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.2, the current stable release.

LilyPond 2.24.2 released! *August 12, 2023*

We are proud to announce the release of GNU LilyPond 2.24.2. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version contains a number of fixes since the release of the previous stable version in February 2023. This includes an update of the library for garbage collection, addressing crashes when compiling very large scores (several hundreds of pages) on Windows. We recommend all users to update. Scores converted to or written for 2.24.0 will continue to work with this release. A list of added features and other user-visible changes for 2.24 can be found at <https://lilypond.org/doc/v2.24/Documentation/changes/>. Among others, version 2.24.0 switched to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

LilyPond 2.25.7 released *July 30, 2023*

We are happy to announce the release of LilyPond 2.25.7. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

LilyPond 2.25.6 released *June 24, 2023*

We are happy to announce the release of LilyPond 2.25.6. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

LilyPond 2.25.5 released *May 21, 2023*

We are happy to announce the release of LilyPond 2.25.5. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

LilyPond 2.25.4 released *April 22, 2023*

We are happy to announce the release of LilyPond 2.25.4. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

LilyPond 2.25.3 released *April 1, 2023*

We are happy to announce the release of LilyPond 2.25.3. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

LilyPond 2.25.2 released *February 18, 2023*

We are happy to announce the release of LilyPond 2.25.2. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.1, the current stable release.

LilyPond 2.24.1 released! *February 12, 2023*

We are proud to announce the release of GNU LilyPond 2.24.1. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes a number of fixes since the release of the previous stable version in December 2022, and we recommend all users to update. Scores converted to or written for 2.24.0 will continue to work with this release. A list of added features and other user-visible changes for 2.24 can be found at <https://lilypond.org/doc/v2.24/Documentation/changes/>. Among others, version 2.24.0 switched to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

LilyPond 2.25.1 released *January 21, 2023*

We are happy to announce the release of LilyPond 2.25.1. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.0, the current stable release.

LilyPond 2.25.0 released *December 23, 2022*

We are happy to announce the release of LilyPond 2.25.0, the start of the next development cycle. This is termed a development release, but these are usually reliable for testing new features and recent bug fixes. However, if you require stability, we recommend using version 2.24.0, the current stable release.

LilyPond 2.24.0 released! *December 15, 2022*

We are proud to announce the release of GNU LilyPond 2.24.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the branching of the previous stable release in October 2020. A list of added features and other user-visible changes can be found at <https://lilypond.org/doc/v2.24/Documentation/changes/>. This release switches to Guile 2.2 and features a completely rewritten infrastructure for creating the official packages, finally allowing us to offer 64-bit binaries for macOS and Windows.

LilyPond 2.23.82 released *November 27, 2022*

We are happy to announce the release of LilyPond 2.23.82. This is the third release candidate towards the next stable version 2.24.0 expected in December. Please test your scores with this version and report back the experience as well as any problems you encounter.

LilyPond 2.23.81 released *November 13, 2022*

We are happy to announce the release of LilyPond 2.23.81. This is the second release candidate towards the next stable version 2.24.0 expected in December. Please test your scores with this version and report back the experience as well as any problems you encounter.

LilyPond 2.23.80 released *October 22, 2022*

We are happy to announce the release of LilyPond 2.23.80. This is the first release candidate towards the next stable version 2.24.0 expected in December. Please test your scores with this version and report back the experience as well as any problems you encounter.

LilyPond 2.23.14 released *October 9, 2022*

We are happy to announce the release of LilyPond 2.23.14. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

LilyPond 2.23.13 released *September 18, 2022*

We are happy to announce the release of LilyPond 2.23.13. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

LilyPond 2.23.12 released *August 23, 2022*

We are happy to announce the release of LilyPond 2.23.12. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

LilyPond 2.23.11 released *July 24, 2022*

We are happy to announce the release of LilyPond 2.23.11. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

LilyPond 2.23.10 released *June 26, 2022*

We are happy to announce the release of LilyPond 2.23.10. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

LilyPond 2.23.9 released *May 20, 2022*

We are happy to announce the release of LilyPond 2.23.9. This is termed a development release, but these are usually reliable. However, if you require stability, we recommend using version 2.22.2, the current stable release.

LilyPond 2.23.8 released *April 24, 2022*

We are happy to announce the release of LilyPond 2.23.8. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.2 version.

In this release, dropping Guile 1.8 support has finally become possible also for our sources. We'd like to dedicate this release to Ian Hulin who was one of the first systematically working on our numerous roadblocks for Guile 2 migration after tackling a few other high-level problems. In the time spans where his health permitted it, he was able to significantly reduce the amount of remaining problems for the Guile 2 migration after having started working on them in 2010, making the goal that we finally reached now more tangible for others to work on after he left us in 2015.

LilyPond 2.23.7 released *March 26, 2022*

We are happy to announce the release of LilyPond 2.23.7. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.2 version.

LilyPond 2.22.2 released! *February 22, 2022*

We are proud to announce the release of GNU LilyPond 2.22.2 on 2-22-22. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the release of the previous stable release in April 2021.

LilyPond 2.23.6 released *February 06, 2022*

We are happy to announce the release of LilyPond 2.23.6. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.1 version.

LilyPond 2.23.5 released *November 28, 2021*

We are happy to announce the release of LilyPond 2.23.5. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.1 version.

LilyPond 2.23.4 released *October 10, 2021*

We are happy to announce the release of LilyPond 2.23.4. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.1 version.

LilyPond 2.23.3 released *July 4, 2021*

We are happy to announce the release of LilyPond 2.23.3. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.1 version.

LilyPond 2.22.1 released! *April 25, 2021*

We are proud to announce the release of GNU LilyPond 2.22.1. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the release of the previous stable release in January 2021.

LilyPond 2.23.2 released *April 11, 2021*

We are happy to announce the release of LilyPond 2.23.2. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.0 version.

LilyPond 2.23.1 released *March 23, 2021*

We are happy to announce the release of LilyPond 2.23.1. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.0 version.

LilyPond 2.23.0 released *January 24, 2021*

We are happy to announce the release of LilyPond 2.23.0. This is termed a development release, but these are usually reliable. If you want to use the current stable version of LilyPond, we recommend using the 2.22.0 version.

LilyPond 2.22.0 released! *January 10, 2021*

We are proud to announce the release of GNU LilyPond 2.22.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version includes improvements and fixes since the branching of the previous stable release in August 2017 (even though the final 2.20.0 was only released in March 2020). A list of added features and other user-visible changes can be found at <https://lilypond.org/doc/v2.22/Documentation/changes/>. Behind the scenes, this release switches to Python 3 and includes a number of performance improvements that should be noticeable for larger scores.

LilyPond 2.21.82 released *December 14, 2020*

We are happy to announce the release of LilyPond 2.21.82. This is a further pre-release test version, but these are usually reliable. We encourage all users and developers to download this version to test it to allow us to release a new stable version. If you want to use the current stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.81 released *November 29, 2020*

We are happy to announce the release of LilyPond 2.21.81. This is a further pre-release test version, but these are usually reliable. We encourage all users and developers to download this version to test it to allow us to release a new stable version. If you want to use the current stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.80 released *November 1, 2020*

We are happy to announce the release of LilyPond 2.21.80. This is a pre-release test version, but these are usually reliable. We encourage all users and developers to download this version to test it. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.7 released *October 11, 2020*

We are happy to announce the release of LilyPond 2.21.7. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.6 released *September 13, 2020*

We are happy to announce the release of LilyPond 2.21.6. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.5 released *August 16, 2020*

We are happy to announce the release of LilyPond 2.21.5. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.4 released *July 28, 2020*

We are happy to announce the release of LilyPond 2.21.4. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.3 released *July 12, 2020*

We are happy to announce the release of LilyPond 2.21.3. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.2 released *June 21, 2020*

We are happy to announce the release of LilyPond 2.21.2. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.1 released *April 28, 2020*

We are happy to announce the release of LilyPond 2.21.1. This is a development version, but these are usually reliable. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.21.0 released *April 9, 2020*

We are happy to announce the release of LilyPond 2.21.0. If you want to use the latest stable version of LilyPond, we recommend using the 2.20.0 version.

LilyPond 2.20.0 released! *March 1, 2020*

We are proud to announce the release of GNU LilyPond 2.20.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version provides a number of updates, including updated manuals. We recommend all users to upgrade to this version.

LilyPond 2.19.84 released *February 4, 2020*

We are happy to announce the release of LilyPond 2.19.84. This release is the final pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.83 released *October 16, 2018*

We are happy to announce the release of LilyPond 2.19.83. This release is a further pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.82 released *June 24, 2018*

We are happy to announce the release of LilyPond 2.19.82. This release is a further pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.81 released *January 28, 2018*

We are happy to announce the release of LilyPond 2.19.81. This release is a further pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.80 released *October 14, 2017*

We are happy to announce the release of LilyPond 2.19.80. This release is a pre-release test version for the upcoming stable 2.20 release. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.65 released *August 06, 2017*

We are happy to announce the release of LilyPond 2.19.65. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.64 released *July 15, 2017*

We are happy to announce the release of LilyPond 2.19.64. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.63 released *June 28, 2017*

We are happy to announce the release of LilyPond 2.19.63. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.62 released *June 10, 2017*

We are happy to announce the release of LilyPond 2.19.62. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.61 released *May 21, 2017*

We are happy to announce the release of LilyPond 2.19.61. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.60 released *May 08, 2017*

We are happy to announce the release of LilyPond 2.19.60. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.59 released *April 09, 2017*

We are happy to announce the release of LilyPond 2.19.59. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.58 released *March 26, 2017*

We are happy to announce the release of LilyPond 2.19.58. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest

features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.57 released *March 12, 2017*

We are happy to announce the release of LilyPond 2.19.57. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.56 released *February 26, 2017*

We are happy to announce the release of LilyPond 2.19.56. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.55 released *February 12, 2017*

We are happy to announce the release of LilyPond 2.19.55. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.54 released *January 4, 2017*

We are happy to announce the release of LilyPond 2.19.54. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.53 released *December 17, 2016*

We are happy to announce the release of LilyPond 2.19.53. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.52 released *December 4, 2016*

We are happy to announce the release of LilyPond 2.19.52. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.51 released *November 20, 2016*

We are happy to announce the release of LilyPond 2.19.51. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.50 released *November 6, 2016*

We are happy to announce the release of LilyPond 2.19.50. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.49 released *October 16, 2016*

We are happy to announce the release of LilyPond 2.19.49. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.48 released *September 13, 2016*

We are happy to announce the release of LilyPond 2.19.48. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.47 released *August 31, 2016*

We are happy to announce the release of LilyPond 2.19.47. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.46 released *July 26, 2016*

We are happy to announce the release of LilyPond 2.19.46. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.45 released *July 09, 2016*

We are happy to announce the release of LilyPond 2.19.45. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.44 released *June 21, 2016*

We are happy to announce the release of LilyPond 2.19.44. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.43 released *June 8, 2016*

We are happy to announce the release of LilyPond 2.19.43. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.42 released *May 15, 2016*

We are happy to announce the release of LilyPond 2.19.42. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.41 released *May 1, 2016*

We are happy to announce the release of LilyPond 2.19.41. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest

features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

Two LilyPond projects in Google Summer of Code 2016 *April 23, 2016*

We are happy to see two students, Nathan Chou and Jeffery Shivers, working on LilyPond as participants in the Google Summer of Code this year. We hope they produce great results and stay in the developer community afterwards.

Nathan will tackle an annoying limitation, namely the inability of spanners to cross voices. His work will make a class of ugly workarounds obsolete. Jeffery will bring the ScholarLY package[1] to production quality and add a LaTeX package to it, making it possible to create beautiful critical reports from data encoded directly in the LilyPond score.

[1] <https://github.com/openlilylib/scholarly>

LilyPond 2.19.40 released *April 17, 2016*

We are happy to announce the release of LilyPond 2.19.40. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.39 released *March 27, 2016*

We are happy to announce the release of LilyPond 2.19.39. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.38 released *March 13, 2016*

We are happy to announce the release of LilyPond 2.19.38. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.37 released *February 28, 2016*

We are happy to announce the release of LilyPond 2.19.37. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.36 released *January 31, 2016*

We are happy to announce the release of LilyPond 2.19.36. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.35 released *January 02, 2016*

We are happy to announce the release of LilyPond 2.19.35. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.34 released *December 22, 2015*

We are happy to announce the release of LilyPond 2.19.34. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.33 released *December 6, 2015*

We are happy to announce the release of LilyPond 2.19.33. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.32 released *November 22, 2015*

We are happy to announce the release of LilyPond 2.19.32. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.31 released *November 8, 2015*

We are happy to announce the release of LilyPond 2.19.31. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.30 released *October 25, 2015*

We are happy to announce the release of LilyPond 2.19.30. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.29 released *October 18, 2015*

We are happy to announce the release of LilyPond 2.19.29. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.28 released *September 27, 2015*

We are happy to announce the release of LilyPond 2.19.28. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.27 released *September 12, 2015*

We are happy to announce the release of LilyPond 2.19.27. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.26 released *August 27, 2015*

We are happy to announce the release of LilyPond 2.19.26. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest

features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.25 released *August 9, 2015*

We are happy to announce the release of LilyPond 2.19.25. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.24 released *July 26, 2015*

We are happy to announce the release of LilyPond 2.19.24. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.23 released *July 12, 2015*

We are happy to announce the release of LilyPond 2.19.23. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.22 released *June 28, 2015*

We are happy to announce the release of LilyPond 2.19.22. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.21 released *May 24, 2015*

We are happy to announce the release of LilyPond 2.19.21. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.20 released *May 10, 2015*

We are happy to announce the release of LilyPond 2.19.20. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.19 released *April 26, 2015*

We are happy to announce the release of LilyPond 2.19.19. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.18 released *April 5, 2015*

We are happy to announce the release of LilyPond 2.19.18. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.17 released *March 15, 2015*

We are happy to announce the release of LilyPond 2.19.17. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.16 released *February 28, 2015*

At long last, we are very happy to announce the release of LilyPond 2.19.16. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

We would like to acknowledge and thank Masamichi Hosoda for making this release possible with his work on updating GUB, the build tool.

LilyPond 2.19.15 released *September 28, 2014*

We are happy to announce the release of LilyPond 2.19.15. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.14 released *September 14, 2014*

We are happy to announce the release of LilyPond 2.19.14. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.13 released *August 31, 2014*

We are happy to announce the release of LilyPond 2.19.13. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.12 released *August 17, 2014*

We are happy to announce the release of LilyPond 2.19.12. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.11 released *August 3, 2014*

We are happy to announce the release of LilyPond 2.19.11. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.10 released *July 13, 2014*

We are happy to announce the release of LilyPond 2.19.10. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.9 released *June 29, 2014*

We are happy to announce the release of LilyPond 2.19.9. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.8 released *June 15, 2014*

We are happy to announce the release of LilyPond 2.19.8. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.7 released *May 25, 2014*

We are happy to announce the release of LilyPond 2.19.7. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.6 released *May 11, 2014*

We are happy to announce the release of LilyPond 2.19.6. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.5 released *April 20, 2014*

We are happy to announce the release of LilyPond 2.19.5. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.4 released *April 6, 2014*

We are happy to announce the release of LilyPond 2.19.4. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.18.2 released! *March 23, 2014*

We are proud to announce the release of GNU LilyPond 2.18.2. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

This version provides a number of updates to 2.18.0, including updated manuals. We recommend all users to upgrade to this version.

LilyPond production named BEST EDITION 2014 *March 11, 2014*

We are thrilled that the edition of the songs of Oskar Fried (1871-1941), published recently by our fellow contributors Urs Liska and Janek Warchol [1], received the "Musikeditonspreis BEST EDITION 2014" of the German Music Publishers' Association [2]. The ceremony took place at the Frankfurt Musikmesse.

We congratulate Janek and Urs for gaining such public recognition of typographical and editorial excellence of their work. We are also delighted to inform you that they intend to make

their work available under a Free license as soon as the publisher expenses are covered. Please support this initiative by buying the printed volume through the publisher [3].

[1] <https://lilypondblog.org/category/fried-songs>

[2] <https://www.best-edition.de>

[3] <http://www.sound-rel.de>

LilyPond 2.19.3 released *March 2, 2014*

We are happy to announce the release of LilyPond 2.19.3. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.18.1 *February 16, 2014*

We have released updated manuals for LilyPond's stable version, 2.18. The manuals are now for 2.18.1 and have a number of updates and improvements over 2.18.0. There will be a further release of 2.18 in the future (2.18.2), and this will include the updates to the manuals as well as some minor enhancements to the LilyPond core functionality.

To summarise the current situation: stable LilyPond application: 2.18.0; stable LilyPond manuals: 2.18.1; development for both: 2.19.2.

LilyPond 2.19.2 released *February 2, 2014*

We are happy to announce the release of LilyPond 2.19.2. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.1 released *January 19, 2014*

We are happy to announce the release of LilyPond 2.19.1. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.19.0 released *January 5, 2014*

We are happy to announce the release of LilyPond 2.19.0. This release includes a number of enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.18 version.

LilyPond 2.18.0 released! *December 29, 2013*

We are proud to announce the release of GNU LilyPond 2.18.0. LilyPond is a music engraving program devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

Among the numerous improvements and changes, the following might be most visible:

- Many items are now positioned using their actual outline rather than a rectangular bounding box. This greatly reduces the occurrence of unsightly large gaps.
- Sets and overrides can now use the syntax

```
\override Voice.TextSpanner.bound-details.left.text = "rit."
```

instead of the previous

```
\override Voice.TextSpanner #'(bound-details left text) = "rit."
```

- Triplets with a given group length can now be written as

```
\tuplet 3/2 4 { c8 c c c c c }
```

instead of

```
\times 2/3 { c8 c c } \times 2/3 { c8 c c }
```

A full list of noteworthy new features is given in:

<https://lilypond.org/doc/v2.18/Documentation/changes/index.html>

Great thanks go to the large number of LilyPond enthusiasts whose financial backing enabled one core developer, David Kastrup, to focus exclusively on LilyPond during the entire development cycle.

LilyPond 2.18 has been brought to you by

Main Developers:

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and numerous other contributors.

LilyPond 2.17.97 released! *December 8, 2013*

We are excited to announce the release of LilyPond 2.17.97 as a potential final beta release for the upcoming stable release 2.18. The developers believe this to be feature-complete, the documentation to be accurate, and no important issues to be overlooked. For upgrading the syntax of your input files to the latest version, see Updating files with convert-ly (https://lilypond.org/doc/v2.17/Documentation/usage/updating-files-with-convert_002dly). Please test this release and report back any problems, see Bug reports (<https://lilypond.org/website/bug-reports.html>).

LilyPond 2.17.96 released! *November 24, 2013*

We are excited to announce the release of LilyPond 2.17.96 as a further beta release for the upcoming stable release 2.18. The developers believe the release to be feature-complete, the documentation to be accurate, and no important issues to be overlooked. For upgrading the syntax

of your input files to the latest version, see Updating files with convert-ly (https://lilypond.org/doc/v2.17/Documentation/usage/updating-files-with-convert_002dly). Please test this release and report back any problems, see Bug reports (<https://lilypond.org/website/bug-reports.html>).

LilyPond 2.17.95 released! *November 3, 2013*

We are excited to announce the release of LilyPond 2.17.95 as beta release for the upcoming stable release 2.18. The developers are still busy finding solutions for some last-minute problems, but the release is supposed to be feature-complete, the documentation to be accurate, and no important issues to be overlooked. For upgrading the syntax of your input files to the latest version, see Updating files with convert-ly (https://lilypond.org/doc/v2.17/Documentation/usage/updating-files-with-convert_002dly). Please test this release and report back any problems, see `<undefined> [<undefined>]`, pàgina `<undefined>`.

LilyPond 2.17.29 released! *October 20, 2013*

We are happy to announce the release of LilyPond 2.17.29. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.28 released! *October 6, 2013*

We are happy to announce the release of LilyPond 2.17.28. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.27 released! *September 26, 2013*

We are happy to announce the release of LilyPond 2.17.27. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.26 released! *September 8, 2013*

We are happy to announce the release of LilyPond 2.17.26. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.25 released! *August 25, 2013*

We are happy to announce the release of LilyPond 2.17.25. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.24 released! *August 11, 2013*

We are happy to announce the release of LilyPond 2.17.24. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.23 released! *July 28, 2013*

We are happy to announce the release of LilyPond 2.17.23. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.22 released! *July 14, 2013*

We are happy to announce the release of LilyPond 2.17.22. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

This update cures the issue with the Windows version crashing with a problem with positioning text.

LilyPond 2.17.21 released! *June 30, 2013*

We are happy to announce the release of LilyPond 2.17.21. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.20 released! *June 9, 2013*

We are happy to announce the release of LilyPond 2.17.20. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond blog. *June 2, 2013*

Janek Warchol has created a LilyPond blog. You can find it at lilypondblog.org (<https://lilypondblog.org/>)!

LilyPond 2.17.19 released! *May 26, 2013*

We are happy to announce the release of LilyPond 2.17.19. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.18 released! *May 11, 2013*

We are happy to announce the release of LilyPond 2.17.18. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.17 released! *April 27, 2013*

We are happy to announce the release of LilyPond 2.17.17. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.16 released! *April 13, 2013*

We are happy to announce the release of LilyPond 2.17.16. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access

to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.15 released! *March 30, 2013*

We are happy to announce the release of LilyPond 2.17.15. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.14 released! *March 10, 2013*

We are happy to announce the release of LilyPond 2.17.14. This release contains the usual number of bugfixes (including putting span bars back where they should be) and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.13 released! *February 23, 2013*

We are happy to announce the release of LilyPond 2.17.13. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.12 released! *February 8, 2013*

We are happy to announce the release of LilyPond 2.17.12. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.11 released! *January 26, 2013*

We are happy to announce the release of LilyPond 2.17.11. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.10 released! *January 12 2013*

We are happy to announce the release of LilyPond 2.17.10. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.16.2 released! *January 4, 2013*

We are happy to announce the release of LilyPond 2.16.2. This release is mainly to correct a problem with lilypond-book running on Windows. We recommend that only people requiring this functionality upgrade to this version.

LilyPond 2.17.9 released! *December 15, 2012*

We are happy to announce the release of LilyPond 2.17.9. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.8 released! *December 1, 2012*

We are happy to announce the release of LilyPond 2.17.8. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.7 released! *November 17, 2012*

We are happy to announce the release of LilyPond 2.17.7. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

The LilyPond Report #28. *November 12, 2012*

The October issue of the *LilyPond Report* (<http://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-28>) focuses on the meeting of LilyPond developers and users (<https://web.archive.org/web/20110325004849/http://news.lilynet.net/?LilyPond-meeting-in-Waltrop>) in Waltrop, Germany last August. Of course, there are also some musings on LilyPond triggered by the release of 2.16.0 and 2.17.0 occurring from that venue.

There are also two monthly financial reports from David Kastrup whose work on LilyPond is solely paid for (http://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-24#an_urgent_request_for_funding) by financial contributions from other developer and users (thank you!), and a report about experiences from a web-based music typesetting service (<http://scorio.com>) using LilyPond internally.

Come read LilyPond Report 28 (<http://web.archive.org/web/20110325004849/http://news.lilynet.net/?The-LilyPond-Report-28>) now; comments and contributions are warmly encouraged!

LilyPond 2.16.1 released! *November 9, 2012*

We are happy to announce the release of LilyPond 2.16.1. This has a number of updates to the previous stable version, and should cause no problems. We recommend that everybody upgrade to this version.

LilyPond 2.17.6 released! *November 3, 2012*

We are happy to announce the release of LilyPond 2.17.6. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.5 released! *October 20, 2012*

We are happy to announce the release of LilyPond 2.17.5. This release contains the usual number of bugfixes and enhancements, and contains some work in progress. You will have access to the very latest features, but some may be incomplete, and you may encounter bugs and crashes. If you require a stable version of LilyPond, we recommend using the 2.16 version.

LilyPond 2.17.4 released! *October 6, 2012*

We are happy to announce the release of LilyPond 2.17.4. This release contains the usual number of bugfixes. It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.16 version.

