What's New in *NoteWorthy Composer* ™, Version 1.20

Version 1.20 of *NoteWorthy Composer* includes the following new features:

1. Lyrics (up to 4 lyric lines per staff)

Support for lyrics has now been added to *NoteWorthy Composer*. Each staff in your score can be assigned up to 4 lyric lines which will aligned and displayed on the lower boundary of the staff. You enter lyrics from within the lyric editor tabbed dialog, which you can access by pressing **Ctrl+L** while in the notation editor.

2. Measure Numbers

You can now enable measure numbers for a score from within the Score Builder tool. You can control the starting number in the sequence, and how the numbers are displayed. Your display choices are the following: Plain, Circled, or Boxed. In the editor, all bar lines that constitute a measure boundary will display its measure number (except the local repeat bar, which already as a repeat count which it displays). When printing, the front of each system will display the current measure number.

3. Goto Measure Command

You can now jump to a specific measure in the active score partition without having to scroll around to find specific places. Simply press **Ctrl+G** and enter the measure that you want to locate.

4. Enhanced Slurs

Slurs have been changed in this version to behave in a similar fashion to the outward note tie. You now assign an outbound slur attribute to notes, which is then extended to the next note in the score. NWC even detects if the next note is elsewhere in the score due to a repeat or flow direction change. This means you can extend a slur into multiple special endings and other directional changes. The direction of slurs are now determined by the first note of the slur: if the stem of the first note is upward, then the slur will be underneath the notes. If the stem of the first note is downward, then the slur is extended above the notes. If the first note is a split direction chord, then these rules are reversed.

5. Expressions Marks

Many new style expressions, including Fermatas, Breath Marks, Crescendo, Decrescendo, Accelerando, Legato, and many other Italian expressions are now included in NWC. Many of these items are recognized and performed during MIDI play back. In many cases, you can specify that the item not be included in the printout, or that it should not reserve any width on the staff when it is placed.

In addition, you can now override MIDI key velocities and volume directly from within a dynamic mark. These overrides are especially useful when combined with dynamic variances like crescendos. Lastly, a new generic text expression item has been added which enables you to write your own expressions. You are no longer confined to conventional Italian expressions or predefined expressions created by us. Now you can add your own.

The expressions are generally grouped into three categories: dynamics, tempos, and performance styles. In general, you have more flexibility over how the expression will be placed and formatted into the printed score. For example, you can specify that a tempo that you insert not be included in the printed score. You can also specify that an expression should not reserve any width in the printed score so that it does not create a large white space in the middle of notation.

6. Edit Selection

You no longer need to delete old symbols and replace them with new ones just to make a small change. You can now change existing notation on the staff simply by selecting it and pressing **Ctrl+E**. This is the new Edit Selection functionality. You can change previously inserted clefs, time and key signatures, and any of the performance expressions using this new method.

7. Clefs with Octave Higher/Lower Indicator

You can now specify octave up or down marks on all clefs. This is most common with the treble clef, where an 8 appears either above or below the staff. This indicates that the performance should be played higher or lower in pitch by an octave.

8. Note Stem Direction Controls

A note's stem direction is now just another attribute that you can assign, just like an accidental or dotted duration. You can set up note entry such that notes use their default note stem direction, or you force them in either an upward or downward stem direction. A new audit is also introduced which will assist in cleaning up a staff after it has been transposed and has note stems going in directions inconsistent with the new note positions.

9. Enhanced Chords

You can now combine a note with a previously placed rest into a chord. The rest must be of a smaller duration than the note that you are adding to it. You can also combine notes of the same duration but with differing stem directions to achieve a split stem look for the chord. Please be aware, however, that NWC continues to only recognize a single, dominant voice when formatting a staff. In other words, only the smaller duration in a chord is utilized when aligning a staff in the editor and when printing. Completely

dual, independent staff voicings are not supported by NWC, but notation which has the appearance of dual voicings can often times be obtained by using the new chord functionality added in this release.

10.   File Type Change

NoteWorthy Composer now uses the file type of *.NWC, rather than the original *.NTW type used in earlier versions. You can continue to open and save your existing *.NTW files, but we recommend making the change over to the new extension. The easiest way to do this is to use the File Manager's File Search function to locate all of your existing *.NTW files. You can then rename them to *.NWC files as a collective group, and never be bothered again by this change.

11.   Conversion of Notation Fonts to True-Type Technology

We have upgraded the notation technology used by *NoteWorthy Composer* to include True-type capability for all elements of the displayed score. In previous versions, we relied on a static library of bitmapped images for most notational elements, which created difficulties for some high-resolution printers and postscript devices. It also forced you into a few discreet print sizes when printing out your score. You now specify the score font by defining the point size for the italic font used in the printout. NWC then decides on the sizes for all other elements in the score based on this sizing. As a consequence, your notation size selection, as well as any custom margin settings, are retained after each of your NWC sessions, and betwen different printer device selections. These metrics were formerly reset after selecting a new printer or exiting the application.

12.   Spin Buttons for Numeric Fields

All numeric fields in NWC now include a corresponding spin control so that you can change their values with the mouse. You can now also enter negative numbers directly, as the minus sign is no longer overriden to decrement the value in the control.

13.   Retention of Edit Position When Zooming In and Out

You can now increase or decrease the font size in the editor and your edit position is retained. The editor no longer resets back to the beginning of the partition as was done in earlier releases.

You also can access the font size selector tool when in the editor by using the backslash (" \ ") key. Pressing this key will change the input focus to this tool.

14.   Note Entry Enhancements

By default, the dotted note parameter is now reset after each note or rest is

placed onto the staff. This makes the dotted note attribute behavior similar to that of the accidentals. It eliminates the need to explicitly turn off the dotted parameter after a note is placed. You can disable this function from the Options command in the Tools menu.

You can now combine additional note combinations are into triplets. In previous releases, some valid note combinations were not permitted to be grouped into a single triplet. This is now enhanced to support any note grouping which has a total non-triplet duration which is a multiple of 64th notes.

You can now control whether the right mouse button changes the position of the insertion point. This is done from the Options command of the Tools menu.

15. Fixes and General Maintenance

The following General Protection Faults have been corrected:
- clicking to the far left of an inactive staff
- assigning a print page range with the "from" value larger than the "to"

The Gravis Ultrasound (GUS) card, and any other cards which require patch caching, are now supported. Patch and drum caches are automatically set-up and loaded prior to playing a score.

If a device fails to open when starting NWC, the error should now be reported correctly, without causing an unusual initialization behavior within NWC.

A bug in MIDI import triggered by a series of whole measure rests contained in a staff has now been corrected.

A staff containing triplets will no longer cause a bar line audit to disengage unless the triplet grouping crosses directly over a place where a bar line should be assigned.

The default note velocity for a staff is now louder, so songs which do not include dynamic marks will probably sound louder.

The print logic now detects when the score title is too large for the printer page, and it reports this prior to printing.

The author text for a song is now expanded to allow more words, so you can include phrases such as "Words and Music by ..." or other text of your choice.

The score is no longer audited when saving a score to a file. It is done when loading a file. You also can access the staff and score audits easier through **Ctrl+F9** and **F9** accelerator keys, respectively.

The help file no longer forces a background color of light gray. The file now uses the default color specified by Windows.

NoteWorthy Composer
Version 1.20
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