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Typesetting

Finger-Style

Guitar:

An Exploration and

Attempt at Codification of

Typesetting Techniques

For Finger-Style Guitar

Contents

List of Tables

For John Stropes, Joshua Lane, and

Meghan Carlson, without whom I wouldn't.

Introduction

This document owes much to the work of John Stropes and Joshua Lane at the University of Wisconsin-Milwaukee. Depending on one's view, this document could be considered lovingly stolen from the stylesheet used by John Stropes at Stropes Editions, Ltd. This work was inspired by the class TRANSCRIPTION AND TYPESETTING FOR FINGER-STYLE GUITAR at the University of Wisconsin-Milwaukee in the Spring of 2017.

The purpose of this document is to generate consistency in the production of finger-style guitar scores. I offer it freely to all who are interested. If you feel motivated to contribute in any way, please feel free to email me your questions, comments, and concerns. This offering is done solely based upon my desire to see the transcription and typesetting of finger-style guitar music rise above the mundane and become a thing of beauty, clarity, and conviction. I believe that this can be achieved through special attention to detail. For instance, a quarter of a point can make the difference between the annotation of a 'p' clarifying or obfuscating the will of the typesetter.

Finale

Starting a New Document

Before beginning a new Finale document one must ensure that all elements of the composition are known. These elements include but are not limited to its form, key signature, time signatures, desired staff for standard notation, etc. Knowing these elements will ensure that the preparation of the new document will keep bugs away later on. Changing these elements after having started the document can introduce bugs which will either greatly hinder the development of the document or make it impossible to continue.

Initial Steps

The first several steps for creating a new document can seem tedious. At this point it seems that there is a possibility to create a template for each desired document layout. After creating a new document from a template one would then load a Finale Library in order to ensure consistency across multiple documents.

Begin by starting a *New Document*. This *New Document* will be a *Default Document* as opposed to a document created through the *Setup Wizard*. This new document will be have around 32 measures of a treble clef with a time signature of 4/4 and a key signature of C major. In the Windows 10 version of Finale these will need to be deleted in order for the page margins to properly update.

Next, change the margins. Changing the margins of the document at this early stage will help to ensure that the number of measures per system will be appropriate. Changing the number of measures per system after annotations such as left-hand duration have been started can result in hours of more work to correct such a small oversight.

In Finale for MacOS select the *Page Layout Tool*. From the menu bar, open the *Page Layout Tool*, go to *Page Margins* and *Edit Page Margins*. For the top and bottom of the page, we will use 36pt. For the left and right of the page, we will use 54pt. Ensure that All Pages is selected within the Change parameter. Select Apply to Parts/Score and select Score and Parts.

In Windows 10 there is a bug which seems to make it impossible to change the

page margins in the same manner explained above.[1] The workaround is to go to *Document* in the menu. Within this menu go to *Page Format* then *score*. Under the Page Margins section select 36pt for Top and Bottom and 54pt for Left and Right. Perhaps a related bug requires several more steps in order to update the page layout. Go to Page Layout. Click on the *Update Page Layout Tool*. Then delete the existing default measures. This should update the page layout.

Score Manager

Window → Score Manager

- Instrument List

    1. Standard Notation
        a) Change clef for blank staff to desired clef
        b) Add additional standard notation clefs as needed and change clef
    2. Tablature
        a) Add Instrument → Tablature → Guitar [TAB with Stems]
        b) Change clef to serif 'TAB'
        c) Notation Style → Tablature → Settings
            i. Change the tuning
                A. Edit Instruments
                B. Change pitches of each string to document tuning
                    – These will be MIDI note pitches
                    – C_4 = 60
            ii. Default Lowest Fret = 0
            iii. Capo Position = 0
            iv. Options
                A. Show Tuplets **checked**
                B. Show Clef Only On First Measure **unchecked**
            v. Fret Numbers
                A. Vertical Offset = -4
                B. Appearance
                    – Use Letters **unchecked**
                    – Break Tablature Lines at Numbers **checked**

- File Info

    1. Add all pertinent information in each of the respective sections

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[1]Bug noted as of April, 2018.

1.1 Measures

1. Edit → Add Measures

2. Add the total number of measures for the document

   - If the document has multiple movements add the total number for all movements

1.2 Time and Key Signatures

1. Change the time signature for the document

   - If the document has multiple changes in time signature, add all of these changes in the appropriate measures

Document Settings

These are the settings which are configurable through the document settings dialog.

2.1   TAB Clef

Edit default TAB clef in Clef Designer (nudge 'A' and 'B' down)
Font: TeXGyreSchola, Bold, 10pt

2.2   Line Weights

2.3   Ties

Placement: Over/Inner	Horizontal: Vertical:	Start: -1pt Start: 3	End: 1 End: 3
Placement: Under/Inner	Horizontal: Vertical:	Start: 9.5 Start -3	End: -9.5 End: -3

Line	Weight
Barlines	5 EVPU
Ledger Lines	4.6 EVPU
Left Half Ledger Line Length	7 EVPU
Right Half Ledger Line Length	7 EVPU
Stems	2.2 EVPU
Crescendos	4.2 EVPU

Table 2.1: Line Weights in EVPU

Tablature Slides

3.1 Smart Shape Tool

Smart Shape Placement
Tab Slide
Same V, Lines, Pitch Increasing
  Start Point: H: 1.5pt   End Point: H: -1.5
                 V: 4   V: -5.5

Page Layout

4.1 Margins

Left, Right: 54pt
Top, Bottom: 36pt

Text

5.1   Title

Font: Avenir Next Heavy, 28pt[1]

Frame Attributes   Inserted preset text box (editable through score manager), page 1 only
Horizontal: Center, opt
Vertical: Top (Header), 0
Position From: Page Margin
Position from Edge of Frame: **checked**

5.2   Subtitle

Font: Avenir Next, Regular, 8pt

Frame Attributes   Inserted preset text box (editable through Score Manager), page 1 only
Centered, Top, Page Margin; H: 0, V: -32pt
Position from edge of frame: **checked**

5.3   Tuning

Font: Pitches, TeXGyreSchola, Regular, 10pt
    Octave designations: TeXGyreSchola, Regular, 6pt
    Baseline shift: -1
Accidentals: TeXGyreSchola, Regular, 8pt
    Superscript: 2

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[1]A bug in Finale 25 on Windows 10 makes it so that you have to type in the name of the font exactly in order for the font to appear on screen. To embed the font for print you have to Print to PDF. To do so, in the print dialog, choose the Microsoft Print to PDF printer.

Frame Attributes   Text box, page 1 only
Horizontal: Left, 1
Vertical: Top (Header), -36
Position from edge of frame: **checked**

5.4   Composer

Font: TeXGyreSchola, Regular, 10pt

Frame Attributes   Inserted preset text box (editable through Score Manager), page
1 only
Horizontal: Right; -1pt
Vertical: Top (Header), -36 (align with tuning); Arranger -49
Position from: Page Margin
Position from edge of frame: **checked**

5.5   Copyright

Font: TGS, Regular, 8pt (This is a modified version of TeXGyreSchola with Old Style
numerals)

Frame Attributes   Inserted preset text box (editable through Score Manager), page
1 only
Horizontal: Centered, 0
Vertical: Bottom (Footer), -2.25
Position from: Page Margin
Position from edge of frame: **checked**
Justification: Center

5.6   Page Number

Font: TGS, Regular, 8pt

Frame Attributes   Inserted preset text boxes: [Title] [File Date] [Page Number]/[Total
Pages]
Attach to: All Pages
Horizontal: Right, 0
Vertical: Bottom (Footer), -2.25
Position From: Page Margin
Position from edge of frame: **checked**

5.7 Timecodes

Font: Avenir Next, Regular, 8pt

Frame Attributes Text box, Measure attached (standard notation)
H: 0
V: 48
Position from edge of frame: **checked**

Text Expressions

6.1 Tempo

Justification: Left
Horizontal Alignment: Start of Time Signature, 0
Vertical Alignment: Staff Reference Line, 36

6.2 Time Signatures

Font: Maestro, bold, 44pt
Justification: Left
Horizontal Alignment: Start of Time Signature, 0
Vertical Alignment: Staff Reference Line, -22.75

6.3 Movements

Font: TeXGyreSchola, Italic, 9pt
Edit Measure Number Regions
One Standard notation staff: Left, Left; H: 1.5, V: -66
Grand staff: V: -142
Show on: Top Staff, **checked**; Exclude Other Staves, **checked**; Bottom Staff, **unchecked**

Special Tools

7.1 Beam Angle

Eighth note stems: -12
Sixteenth note stems: -12
Beamed eight notes: -8

7.2 Stem Length

Quarter note stems: -12pt

Resize Tool

8.1 Resize System

Standard Notation: 85%[1]

Tablature: 90%

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[1]Click on staff to ensure that you are adjusting the whole staff and not a note.

Fingerings

9.1 Left-Hand Fingers (Above Staff)

Font: TeXGyreSchola, 8pt, *courtesy: 7pt*
Enclosure Shape: Circle
Line Thickness: 0.44922
Height: 10; *courtesy: 9.75*
Width: 10; *courtesy: 9.75*
Center H: 0
V: -0.25
Match Height and Width
Fixed enclosure size: **checked**
Justification: Center
Horizontal: Stem, 2.75; *courtesy: After Clef/Key/Time/Repeat (2.75)*
Vertical: Staff Reference Line;
First: 12.75pt; Second: 23.75pt; Third: 34.75; Fourth: 45.75

9.2 Left-Hand Duration Lines

When terminated in the same system as its inception, use the *Bracket Tool.*
When terminated in a different system than its inception, use the *Line Tool* and make it horizontal.

Elevated Duration Line   Line Style: Solid; Horizontal, true
Thickness: 0.46094
End Point Style for elevating duration line one level:
  Start: End:
  Hook, -6.5pt   Hook, -3pt
End Point Style for elevating duration line two levels:
  Start: End:
  Hook, -17pt   Hook, -3pt

Courtesy Parenthesis   Font: TeXGyreSchola, Regular, 10pt
( ): Three spaces in between each parenthesis
Justification: Center
Horizontal Alignment Point: After Clef/Key/Time/Repeat: 2.75pt
Vertical Alignment Point: Staff Reference Line:
    First, 12pt; Second, 23pt; Third, 34pt; Fourth, 45pt

9.3   Left-Hand Fingerings (Below Staff)

Fourth String   Justification: Center
Horizontal Alignment: Stem, 2.75pt
Vertical Alignment: Staff Reference Line, -17.5pt (quarter), -16.5pt (eighth)

Fifth String   Justification: Center
Horizontal Alignment: Stem, 2.75pt
Vertical Alignment: Staff Reference Line, -26.5pt (quarter), -25.5pt (eighth)

Sixth String   Justification: Center
Horizontal Alignment: 2.75pt
Vertical Alignment: Below Staff Baseline or Entry, -35 (quarter), -34 (eighth)

Additional Offsets   Additional Entry Offset:
    First, -13.75pt; Second, -24.75pt; Third, -35.75pt; Fourth, -46.75pt

9.4   Parentheses

Note: this is for surrounding a tablature notehead with a parenthesis. This is used when a finger of the left hand is placed on a fret but the right hand does not play the string.
    Font: Avenir Next, Regular, 10pt
( )-three spaces between for single-digit tablature, four spaces for double-digit tablature
Justification: Center
Horizontal: Stem, 3pt
Vertical: Staff Reference Line
    First, -2.5pt; Second, -11.5pt; Third, -20.5pt; Fourth, -29.5pt; Fifth, -38.5pt; Sixth, -47.5pt

9.5   Right-Hand Fingerings

Font: TeXGyreSchola, Regular, 8pt

Positioning: **I, M, A**   Justification: Center
Horizontal Alignment: Stem, -5; two-digit numbers -7

String	Reference	Alignment
First	Staff Reference Line	2.25
Second	Staff Reference Line	-7.25
Third	Staff Reference Line	-16.5
Fourth	Staff Reference Line	-25.25

Table 9.1: Vertical Alignment of i, m, a

Positioning: **P**   Justification: Center
Horizontal Alignment: Stem, -3.75pt

String	Alignment
First	Staff Reference Line, -6.5
Second	Staff Reference Line, -16.5
Third	Staff Reference Line, -24.25; strum, -33
Fourth	Staff Reference Line, -32.75; strum, -41.75
Fifth	Staff Reference Line, -41.75; strum, -50.75
Sixth	Staff Reference Line, -50.5; strum, -55.75

Table 9.2: Vertical Alignment of p

9.6   Muted Notes

Enclosure Shape: Circle
Line Thickness: 0.08984
Height: 8.5
Width: 8.5
Center H: 0
V: 0.25
Match Height and Width
Fixed enclosure size: **checked**

Staff Attributes

Notehead font: Avenir Next Medium, 12pt

10.1   Stems

Always down
Horizontal Stem Offsets: 0, 0
Use vertical offset for notehead end of stems: **checked**
Offset from noteheads: Up, 6.25pt, Down, -6.25pt
Use Vertical offset for beam end of stems (offset from staff) **unchecked**

Harmonics

Enter the number for the harmonic node
Special Tools > Note Shape Tool

11.1   Notehead Settings

Positioning   Horizontal: 0
Vertical: 1
Allow vertical positioning: **checked**

Font   Use default notehead font **unchecked**
Zeal 9 plain

Surrounding   '<' and '>' are separate expressions
Font: Zeal 9 plain

<:
Justification: Center
Horizontal Alignment Point: Stem
Additional Horizontal Offset: -2.75

>:
Justification: Center
Horizontal Alignment Point: Stem
Additional Horizontal Offset: 9

String	Alignment
First	-3pt
Second	-12
Third	-21
Fourth	-30
Fifth	-39
Sixth	-48

Table 11.1: Vertical Alignment of < and >