

Watch the Tiger Walk: Another Study in Intention

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Introduction

The twenty-first century musician is faced with a dilemma. The future of the existence of the professional musician is uncertain. The consumption of music seems to be at all-time highs and yet previous sources of income are unreliable: the musician is no longer able to rely on income from album sales, radio play and other royalties, sheet music sales, or patronage. The twenty-first century musicians appears to require all of these sources in order to make a living as a professional musician. In addition to these sources of income, the musician will need to find income from performances, instruction, YouTube and other internet streaming services royalties, and commissions from publications and magazines.

The finger-style guitarist is not immune to these changes. In some cases, the finger-style guitarist is at the forefront of these changes, a harbinger of the future. One of the earliest YouTube celebrities was Andy McKee. This article will attempt to discern how musicians are surviving, or even thriving, by examining their apparent revenue streams. It will have three goals. First, to examine the available methods of consuming a twenty-first century musician's output. The aim for this examination is to establish a baseline by which one can measure one's own progress in relation to those who have achieved notoriety before him or her. The focus of this research will primarily be on finger-style guitarists. Second, to examine "Watch the Tiger Walk," an original composition, as a case study in which the means examined in the first portion are fully or partially enacted for a single composition. I will begin the necessary work on a transcription and I will produce audio and video. Third, I will begin work on reinforcing my website in preparation for a life as a professional musician and finger-style guitarist.

This document attempts to streamline the delivery of its content through the use of hyperlinks. These are color-coded; blue will open a local file contained within the same folder as the document and green will open a url in a web browser.

Internet Presence

There are numerous ways in which a twenty-first century musician supports him or herself. The most visible component of this support is the internet. A musician is judged upon his or her social presence on the internet.

The Data

The parameters for the research are as follows: finger-style guitarist, a website, some level of notoriety. I also gave consideration to whether the artist is estab-

lished or up-and-coming, ultimately deciding to focus roughly half of each group. 41 artist websites were analyzed. 21 artists could be considered up-and-coming and 20 could be considered established. The original intention was to include artists outside of the finger-style sphere, however, the data set quickly became too immense and it was necessary to exclude artists outside of finger-style guitar. It may be beneficial in the future to take a more inclusive approach to this research in order to better inform the reader. A concerted effort was made to include musicians outside of the United States. There appears to be a tendency among burgeoning artists to rely on Facebook to share their craft.

Through an analysis of a subsample of the data, 26 codes were developed. The codes were carefully selected to demonstrate important elements of an artist's website. The codes fell into roughly four categories: persona, display, technologies, and commerce. These codes range from the manner in which the artist attested to his or her legitimacy to the type of Content Management System (CMS) that the artist uses.

This data is a snapshot of the immense world of finger-style guitar as it exists on the internet. The rapid changes in technology may deem this essay obsolete quite soon. This data set has been included in the appendix.

Analysis

There were several codes which fall into a subjective field of determination. These were the claims to legitimacy, visual display, and the openness of the artist to his or her craft. The content of these codes was based upon the subjective interpreta-

Claim to Legitimacy	Number of artists	Description
Associative	1	artists with whom artist associates
Freshness	1	a new face in the finger-style scene
Historical	3	in the context as an artist
Inspirational	1	a story which inspires legitimacy
Instructional	3	through their abilities as teachers
Material	2	sponsorships or instruments
Musical	15	audio and video presentations
No claims	4	artist makes no overt claim to legitimacy
Testimonial	13	reviews of artist by artists and other entities
Youthfulness	1	age of artist is claim to legitimacy

Table 1: The array of claims to legitimacy.

tion of the author. A major component of the artists' web sites is how the artist establishes his or her legitimacy as a performer and/or composer. Some artists claimed several different types of legitimacy at the same time. For instance, Pierre Bensusan's web site claims his legitimacy through his musicality and through sponsorships. His sponsorships have been coded as a claim to legitimacy through material means. Another example of an artist claiming legitimacy through material means would be Alex Anderson, who makes a point to associate himself with

the harp guitar. Another subject code was the appearance of the artist's web site. All of the artist web sites had pictures of the artist on the landing or home page. Some artists had color schemes which made the text illegible. The different visual displays that are utilized by finger-style guitarists span the last twenty years of graphic design on the internet. Some artists are closed about their art in that they do not display any indication that they are willing to teach someone their craft. Other artists are open about their art. Those that are open are open in different ways. Ewan Dobson and Mike Dawes offer lessons over Skype.

Several questions, ranging from visual to technical, were coded for each web site. While it may have seemed arbitrary at first to ask some of the questions listed in Table 2, the responses can be quite surprising. For instance, a little under half of the web sites were not friendly to mobile browsers. This is perhaps indicative of a lag between changes in the display of finger-style guitarists' web sites and worldwide trends in internet browsing. As seen in Figure 1, around October of 2016, the market share of mobile browsers surpassed that of desktop browsers. It may be wise for all finger-style guitarists, as well as content producers in general, to recognize the importance of creating an adequate user experience for the mobile platform. The result of not making one's web site friendly to mobile users is

Question	yes	no
mobile-friendly?	22	19
Adobe Flash?	4	37
https?	7	34
streaming audio?	20	21
streaming video?	35	6
booking?	31	10
Twitter feed?	4	37
electronic newsletter?	19	22

Table 2: Yes-or-no questions asked of the artists' websites.

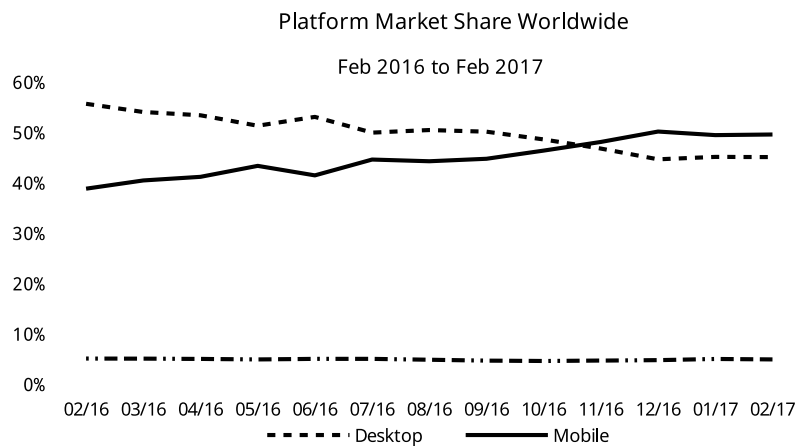


Figure 1: The distribution of platforms from around the world which browsed the internet from February, 2016 to February 2017. StatCounter, "Desktop vs Mobile vs Tablet Market Share Worldwide," *StatCounter: GlobalStats*, 2017, accessed March 26, 2017, <http://gs.statcounter.com/platform-market-share/desktop-mobile-tablet>

lessened when one examines the market share for only the United States of America, seen in Figure 2. Four web sites require Adobe Flash in order to experience content. These four web sites are leaving at least half of the users of the internet in the dark as Adobe has discontinued Flash development for mobile platforms.¹ It is also quite surprising that only half of the artists have streaming audio on their web sites while every artist except six have streaming video. This may be an indication of the near-ubiquity of streaming video on the internet. It would have been interesting to see the shift from streaming audio to streaming video in the 2000s. *Internet Archive's* "WaybackMachine" may be a way in which to examine the developments of finger-style guitarists' web sites through the years.²

1. Adobe Systems Incorporated, "Flash to Focus on PC Browsing and Mobile Apps; Adobe to More Aggressively Contribute to HTML5," *Adobe News*, November 2011, accessed March 26, 2017, <https://blogs.adobe.com/conversations/2011/11/flash-focus.html>.

2. Internet Archive, "WaybackMachine," *Internet Archive*, 2014, accessed March 26, 2017, <https://archive.org/web/>.



Figure 2: The distribution of platforms from the United States of America which browsed the internet from February, 2016 to February 2017. StatCounter, “Desktop vs Mobile vs Tablet Market Share in United States of America,” *StatCounter: GlobalStats*, 2017, accessed March 26, 2017, <http://gs.statcounter.com/platform-market-share/desktop-mobile-tablet/united-states-of-america>

An area of particular interest to me was the manner in which these web sites managed their content. I was able to determine the Content Management Systems (CMS) of 23 sites as seen in Table 3. The most represented CMS is Squarespace with 7 artists followed by Bandzoogle at 4 and Wix at 3. I find this interesting because some of these CMS’s integrate components into their systems which may assist an artist in the management of his or her web site. For instance, Bandzoogle assists in creating mobile-friendly web sites with a web store, newsletters, streaming services, blogs, and a gig calendar.³ The web sites which did not have any discernible manner in which to determine content creation may or may not have been created and managed with a CMS.

One of the primary catalysts for this essay was to conduct a review of the distribution of sheet music within a digital finger-style domain. Almost every web site delivered their transcriptions in a different way. A few sites, such as Pierre Bensusans’ had what appeared to be a custom built store. Others, such as Gareth Pearson, linked out to other venues such as CandyRat or Bandcamp. Many artists sold their products through PayPal in which the site redirected the customer to PayPal to make his or her purchase. Several sites, including Alex de Grassi’s, delivered through a storefront created by their CMS.

Each difference in the delivery of content can either enhance or detract from the user experience. This essay is only a survey, not a discussion, of expected graphical design components of a finger-style guitarist’s web site.

Transcription

A distinguishing characteristic of the finger-style guitarist’s website is a section of sheet music, scores, or transcriptions of the artist’s works. This seems to be a unique component of the finger-style culture. Sadly, while the transcriptions are becoming marginally better than ascii-tab on the internet, the quality of

CMS	Number
Bandzoogle	4
Hostbaby	2
Joomla	1
JuanPaSystems	1
ProdgWeb	1
Squarespace	7
Sumo	1
Truefire	1
WebsiteBuilder	1
Wix	3
Wordpress	1
Total	23

Table 3: Distribution of discernable Content Management Systems among the web sites of finger-style guitarists.

3. Sitezoogole Inc., “Bandzoogle: Band Websites that Work,” *Bandzoogle*, 2017, accessed March 26, 2017, <https://bandzoogle.com>.

the transcriptions produced by these musicians is generally not on par with the quality of playing or composition. This could be attributed to different factors, all of which are for another essay. Here I will discuss near-best practices for the production of finger-style transcriptions.

Methods

The primary method espoused by John Stropes of Stropes Editions, Ltd. is a double-impression method utilizing Finale and Adobe InDesign. The methods used in this document are as follows: XeLaTeX for the typesetting of this essay and the same double-impression method of Finale and Adobe InDesign used by Stropes Editions for the transcription. I also used FontForge to modify some of the fonts that I used in Finale.

Figure 3: “Watch the Tiger Walk” by Rachael Carlson, mm. 1–2.

Typography

Stropes Editions, Ltd. has been at the forefront of the development of transcription and typesetting for finger-style guitar since the 1980s. These developments can be examined from a historical perspective starting with *Twentieth Century Masters of Finger-Style Guitar*, *Leo Kottke: Eight Songs*, and *Michael Hedges: Rhythm, Sonority, Silence* to “Ants” and the unreleased grid notation for “Madness.” These examples represent pinnacles in the art of sheet music engraving for the guitar. Due to these innovations, it can be difficult to reach beyond the conventions established. When the transcriptions from Stropes Editions are examined within a historical context one is able to tell that there is a sense that innovation is more important than tradition. This is an important distinction as it means that when confronted with the option to either adopt a new innovation or stay with a tradition, Stropes Editions seems to prefer to adopt that innovation.

While Stropes Editions prefers innovation, it can be difficult to produce a doc-

ument which relies on the same innovations but uses a different visual aesthetic. I am reminded of a quote by the highly influential designer, Paul Rand, “new becomes threatening, the old reassuring.” While the design of Stropes Editions sheet music would not be considered bad, in fact they stand apart from all previous transcriptions in their beauty, they have established themselves as reassuring. The fonts used at Stropes Editions are Helvetica LT Std, ITC Franklin Gothic and occasionally Times New Roman. It can be quite difficult to produce a score for finger-style guitar which does not either copy Stropes Editions or fall into the category of ugly music for the guitar. The difficulty of producing a unique voice within the field of music engraving is perhaps due to this feeling of reassurance. We are tasked with the necessity of simultaneously producing documents that are almost audible in their beauty while ensuring the maximum level of legibility.

I have carefully chosen the typography of my transcriptions. It is designed for optimal legibility at small font sizes while ensuring the reader will not confuse one glyph for another. Fonts that are designed based upon Claude Garamont

Page Content	Font
Title	<i>Garamond Premier Pro Display Italic</i> 28pt
Tuning	<i>EB Garamond</i> 12 Regular 10pt
Octave Designation	<i>EB Garamond</i> 12 Regular 10pt subscript
Composer	<i>EB Garamond</i> 12 Regular 10pt
Clef	<i>Adobe Garamond Pro Bold</i> 11pt
Noteheads	<i>Noto Sans</i> Regular 12pt
Left-Hand Fingering	<i>Noto Sans</i> Symbols 12pt
Right-Hand Fingering	<i>EB Garamond</i> 08 Regular 8pt
Copyright and Page Numbers	<i>EB Garamond</i> 08 Regular 8pt

Table 4: Weights and sizes of fonts used in my transcriptions.

(c. 1510 – 1561) and Robert Granjon (1513 – 1590) speak to me. Both Garamont and Granjon were French type designers and publishers in France. EB Garamond is an open source project directed by Georg Duffner based upon the “[Bernerspecimen](#),” a document created by Frankfurt foundry Egelhoff-Berner in 1592 using type made by Garamont to sell their services. The default numerical figures used in EB Garamond are old-style. This poses an issue when using this font with Finale as Finale is unable to interact with the OpenType features of a font, such as changing from old-style to lining figures. As such, I needed to modify a several of the font files of EB Garamond in FontForge in order to use lining numerals when appropriate. On the web site for EB Garamond, Duffner notes that he plans to design 18pt and 40pt varieties.⁴ Due to the current lack of a display version of EB Garamond I use Adobe’s Garamond Premier Pro Display for the titles. This specimen does not contain bold examples. As such, neither does EB Garamond. For the TAB clef I use Adobe Garamond Pro because it has a reasonable bold variation of the Garamond type. On the complete opposite end of the Garamond spectrum, for the noteheads and the left-hand fingering I use Google’s Noto Sans. This font family was designed for the mobile market as a means to ensure that almost all of the more than 128,000 figures in *The Unicode Standard* are present

4. Georg Duffner, “Design,” *EB Garamond*, accessed April 7, 2017, <http://www.georgduffner.at/ebgaramond/design.html>.

such that a user is able to see as many glyphs as possible with one font set. It is a humanist sans-serif based on Roboto, Droid Sans, and DIN.

There must be a time when one makes a decision knowing all of the positives and negatives associated with that decision. It is at this point that it is more important that one makes *a* decision than whether that decision is the best possible decision. I have vacillated between ten or so different fonts for my transcriptions. The decision of which font combination ensures readability while expressing an individual voice is an extremely difficult set of decisions. EB Garamond is a work in progress. It may be a better decision in the present to use Garamond Premier Pro due to its extent. However, I plan to contribute to the development of EB Garamond by developing the 10pt, 18pt, and 40pt optical sizes. I enjoy using Noto Sans because it contains circled numbers and letters — ① ② ③ ④ ⑤. The creation of these circled numbers and letters is possible within Finale; however, it takes a tremendous amount of time to ensure that the number or letter is displayed in the middle of the enclosure. A font which contains these circled glyphs solves this problem. It also introduces another problem as it does not contain negative numbers or letters which would be used for guide fingers. I believe that this is a small sacrifice.

Web Site Development

Conclusions

There can only be one conclusion to an essay such as this: there is no conclusion. The technologies involved in constructing both web sites and finger-style transcriptions is in a constant state of development. The prevalence of the mobile platform has become near-ubiquitous within the last five years. The manner in which finger-style guitar transcriptions are produced has changed drastically in the last thirty years. The software that is available to produce finger-style guitar transcriptions are at the users fingertips, a mere download away. While this software may not produce professional-grade transcriptions on the same level as an Stropes Editions transcription, they have helped begin the process of taking guitar tablature out of the dark ages of `ascii-tab`. It is not possible to conclude how the future of finger-style guitar is going pan out. What *can* be concluded is that it is incredible to be a finger-style guitarist in an age in which finger-style guitar is experiencing a renaissance. There is a distinct possibility that someone I know may come across or benefit greatly from some new technology that cannot be imagined. Continued work needs to be done in these areas:

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