

The logo for the Rock Band Network (RBN) is displayed against a background of red and orange swirling patterns. The letters 'RBN' are in a stylized, jagged font with a white outline and a black drop shadow. To the right of 'RBN', the words 'ROCK BAND' and 'NETWORK' are stacked in a bold, black, sans-serif font.

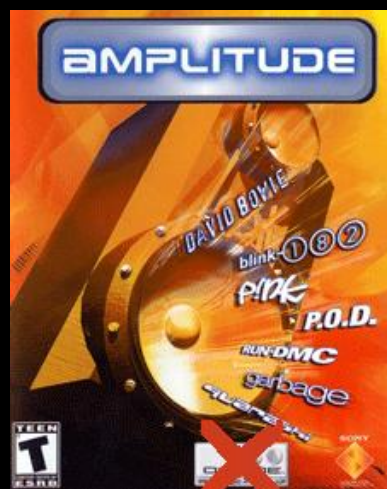
**RBN ROCK BAND
NETWORK**

POSTMORT

- Why RBN?
- What is RBN?
- User Control versus Auto Generation
- Tools and Partners
- Post Mort
 - What Went Right
 - What Went Wrong
 - What Went Horribly, Horribly Wrong
- The Story So Far
- The End
- Questions?

WHY RBN?



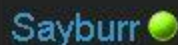


GUITAR
HERO™

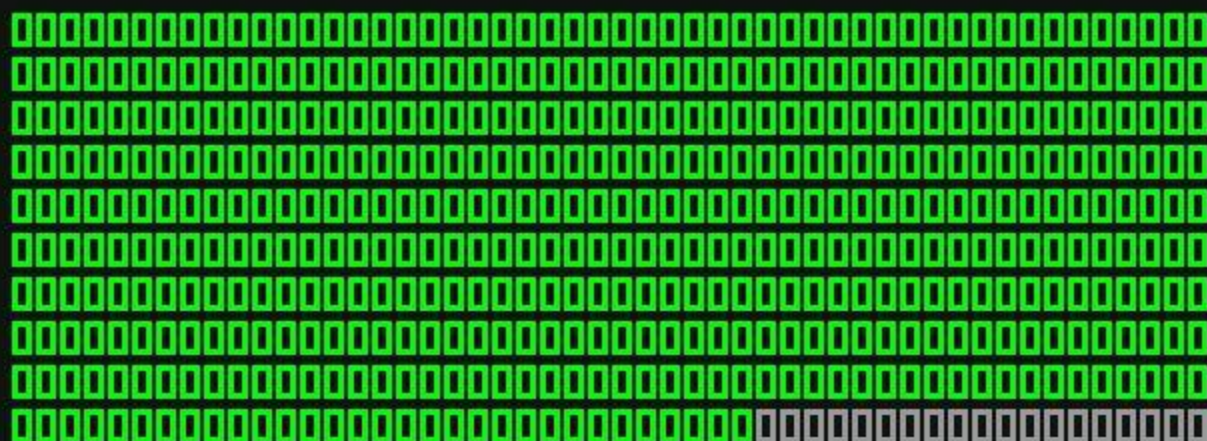
ROCK
BAND

YOU KNOW, PLAYING THIS DOESN'T MAKE
YOU COOL LIKE A REAL ROCK BAND.





Posts: 5,330





**KLEZMER
BAND**

**RAP
BAND**

**FINNISH
DEATH
METAL
BAND**

**OPERA
BAND**

What is
RBN?

1 GreenmastedKick

2 GreenmastedSnare

3 GreenmastedCymbal

File Channel M View

OVERDRIVE

Solo Marker

Expert Green

Expert Blue

Expert Yellow

Expert Red

Expert Kick

HARD Green

HARD Blue

HARD Yellow

HARD Red

HARD Kick


•Test Events

MIDI Lane: PART DRUMS - GIVE.midi

 **BACK**

ROCK BAND NETWORK::BROWSE::LANGUAGE::ENGLISH

FannyPackAttack



JAZZ Other

LOVELY JETSKI ULTRA
REVENGE OF THE SUIT B...
1962

DIFFICULTY

BAND	○ ○ ○ ○ ○
GUITAR	○ ○ ○ ○ ○
DRUM	○ ○ ○ ○ ○
VOCALS	● ● ● ● ●
BASS	● ● ● ● ●

SORTING: ALPHABETIC BY BAND : L

- A Well Balanced Meal 240 ●
- Captain Huggyface Hates You 240 ●
- LOVELY JETSKI ULTRA**
- Battlefield: Booty Trader 240 ●
- Treasure Trader 240 ●
- NAUGHTY MIDGET - THE QUICKENING**
- Barbie's Hammer Offensive 40 ●
- SURREAL MCCOY**
- Monkey Goes to Cambridge 200 ●
- WIKIA WIKIA WHACK**
- Drive By Sunbeam 8 80 ●
- THE WOLVES OF CHERNOBYL**
- Temporary Meltdown 160 ●
- THE XNA FIVE**

BACK CHANGE SORTING HOLD FOR CATEGORY MENU SELECT

WRESTING CONTROL FROM THE USER

Adapting Rock Band Song Authoring
for a UGC environment

What We Removed:

- **Fog Machine Support**
 - Install base was too small to accurately test content
- **Head to Head mode**
 - Adds additional complexity to authoring process due to need for player balancing
 - Used by a relatively small percentage of our player base
 - Very little feature loss for a big gain in creation speed
- **Practice Sections**
 - Would add additional play test step for content control

Everything else is available for the content creator to control

What We Automate

- **Character Lipsync**
 - Handled by a separate file in a song package
 - Authored in an external editor by a separate team at Harmonix
 - Would have required a separate application, Another section of the pipeline
 - Automated system gets “good enough” results, is encapsulated within Magma

What We Automate

- **Vocal Scoring Table**
 - Generated based on the difference between the vocal performance audio and the MIDI transcription of the song
 - Identical to internal tool. Encapsulated within Magma
- **Non-Pitched syllable reference**
 - Generated based on vocal performance audio

Automation Choice

- More complex Rock Band Systems are optional
 - Cameras and Lighting
 - Specific Drummer Animations
 - Lowers bar to entry, but allows for full control
 - Limits exposure to our truly “unique” systems
- Creators can allow Magma to auto-generate content for these systems, then tweak that output
 - This workflow is feeding back into internal toolsets in order to improve efficiency

MIDI File Comparison





Why Reaper?

Already battle tested

Pre-existing, highly adaptable,
relatively bug free product



No need to build a DAW from
scratch

Focus could be applied to adding
necessary features to be RBN
friendly, not core functionality

Adaptability

Easily customizable to
minimize discomfort in
a new DAW



Easy macro creation and
portability allowed for
easy customization and
distribution.

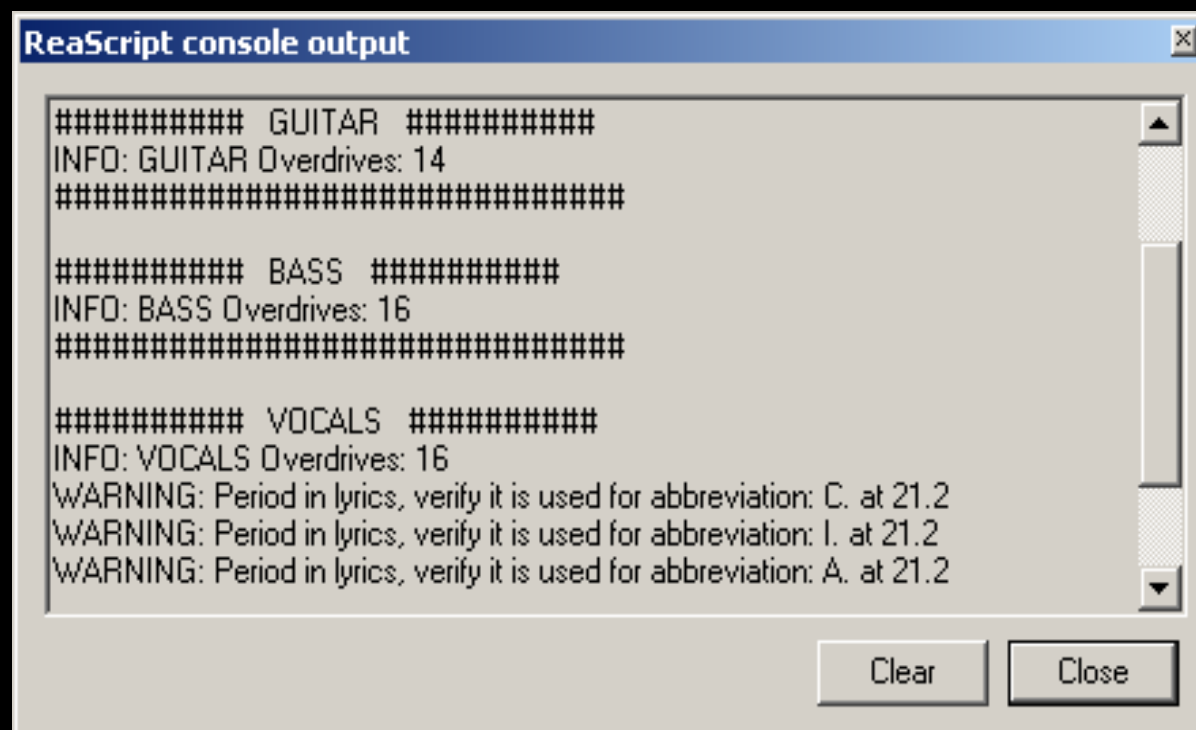
Uncrippled evaluation version
lowers bar for adaptation.





A small, nimble team that able to do what we asked and only what we needed.

- Reascript/JS
 - Allows for community (or internally) developed additions and plug-ins.



Script created, updated, and maintained by Brian Casto
(Casto21) based on input from the RBN Creators Club.

Involved and passionate user base

A perfect match for the RBN community model

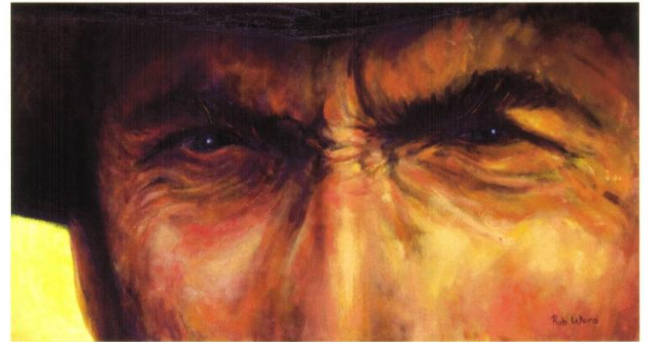
The left screenshot displays the REAPER Forums - Cockos Confederated Forums. The forum list includes:

- REAPER General Discussion Forum**: This is a forum to discuss all aspects of REAPER, and life. (Lame64bit by Evan)
- REAPER Issue Tracker**: Track bugs and feature requests. This is not a discussion forum. (ReaSample by Steindork)
- REAPER OS X Forum**: Discuss all aspects of REAPER for OS X. OS X REAPER is beta, so all feedback is appreciated. (OS X 10.5+ by Jim Stray)
- REAPER Color Themes and Icon Sets**: Post your created color themes and icon sets in here so everybody can use them! <http://stash.reaper.fm> is the new theme repository! (PADD by maxyme)
- REAPER Q&A, Tips, Tricks and Howto**: This forum is for discussion of the best ways of getting work done, both in REAPER and generally. (Quick Mark by Susan G)
- REAPER Compatibility**: Discuss hardware, software and plug-in compatibility in this forum. (Reaper, AS by Chris Thai)
- REAPER Bug Reports**: Report and discuss bugs in REAPER (if any) in this forum. (A small Tra by adxok)
- REAPER Feature Requests**: Post your REAPER feature requests here. It may be worthwhile asking about your feature in the Q&A forum to see if the feature does not already exist. (Mixer FX pa by DarkStar)
- REAPER Non-English Speaking User Forums**:
 - Forum de REAPER en français** (quelle reve by daal)
 - Foro de REAPER en Español** (Ruteo midi by LIMHARD 02)
 - Fórum do REAPER em português** (Side chain i by andref 02-18-2010 08:35 PM)
 - Forum di REAPER in italiano** (Benvenuti! by Fuz 02-18-2010 01:15 PM)

The right screenshot displays the Creators.rockband.com forum. The forum list includes:

- Announcements**: Official Announcements from Harmonix. (RBN Store Open by kiggidykev Today 05:47 PM) 52 threads, 533 posts
- Authoring Advice**: Work through authoring issues and discuss our authoring standards. (Does the length of midi... by mc_frontalot Today 05:39 PM) 230 threads, 1,849 posts
- Tools and Pipeline**: Discuss Reaper for RBN, Magma, and Audition Mode. (REAPER Script to check... by ethicalpaul Today 04:33 PM) 213 threads, 1,620 posts
- Website**: Discuss the website, forums, song submissions, Playtest and Peer Review, and documentation. (Trouble Linking Gamertag by HMXMister_Game Today 11:31 AM) 193 threads, 2,080 posts
- Bands <--> Authors**: Where bands and authors connect. (Can Someone Help Make My... by cmpunk1212 Today 04:26 AM) 11 threads, 35 posts
- Playtest Songs**: Every song in Playtest is represented here with its own thread. (Clandestine - Disappear in... by silentsurveyor Today 05:41 PM) 935 threads, 7,012 posts
- Peer Review Songs**: Every song in Peer Review is represented here with its own thread. (megaphone - My Favorite New... by LittleCowDog Today 05:48 PM) 482 threads, 3,166 posts
- General Discussion**: Discussion of RBN related topics that don't fit anywhere else. (The 'official' freak out at... by noble Today 05:46 PM) 91 threads, 1,232 posts

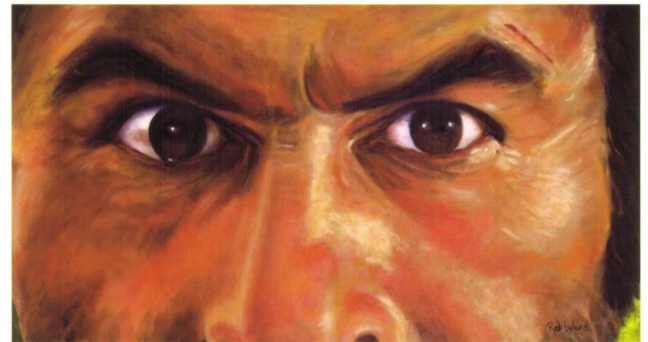
THE ACTUAL POST MORT



The Good



The Bad



The Ugly

by ROB WORD

**WHAT WENT
RIGHT**

My work

Resource usage

Documents

Find all

UGC

Vacation

Rock Band 3

Project schedule

Quality assurance

Insert task

Insert milestone / release

Delete

Undo

Redo

View main backlog

More..

Find

Print

Zoom in

Zoom out

Activity name	Duratio	Start	Finish	Resources
<div><div>100.0%</div><div>Dan Brakeley</div></div>	58d	2009-03-02	2009-05-20	
<div>✔ Auditioning supports validation with and without r</div>	2d	2009-03-04	2009-03-05	dan.brakeley
<div>✔ Full pass of ProjectFile class</div>	2d	2009-03-11	2009-03-12	dan.brakeley
<div>✔ Build UI for exposed ProjectFile modifiers</div>	4d	2009-03-11	2009-03-17	dan.brakeley
<div>✔ Expose a blocking version of RBS building</div>	1d	2009-03-18	2009-03-18	dan.brakeley
<div>✔ Custom songs.dta for midi compiler</div>	4h	2009-03-18	2009-03-18	dan.brakeley
<div>✔ Handle subgenres when generating songs.dta</div>	1d	2009-03-25	2009-03-25	dan.brakeley
<div>✔ Build a non-blocking version of RBS building</div>	2d	2009-03-25	2009-03-26	dan.brakeley
<div>✔ UGC Stereo Support</div>	1d	2009-03-25	2009-03-25	dan.brakeley
<div>✔ Add support for remaining backend.dta to .rbproj</div>	1d	2009-04-01	2009-04-01	dan.brakeley
<div>✔ Audition matchmaking rehash</div>	3d	2009-03-18	2009-03-20	dan.brakeley
<div>✔ MS failure notification to DB (validation)</div>	4h	2009-05-06	2009-05-06	dan.brakeley
<div>✔ TU Bug Fix (March)</div>	20d	2009-03-02	2009-03-27	dan.brakeley
<div>✔ Audition Feedback</div>	1d	2009-04-01	2009-04-01	dan.brakeley
<div>✔ "Advanced" Flow change to button cycling</div>	1d	2009-04-15	2009-04-15	dan.brakeley
<div>✔ "Regular" Flow Stuff</div>	1d	2009-04-15	2009-04-15	dan.brakeley
<div>✔ "Advanced" Flow general stuff</div>	2d	2009-04-08	2009-04-09	dan.brakeley
<div>✔ Creator's club subscription check</div>	4h	2009-05-20	2009-05-20	dan.brakeley
<div>✔ Expand venue list</div>	2h	2009-04-08	2009-04-08	dan.brakeley
<div>✔ Version number in Magma output files</div>	4h	2009-04-29	2009-04-29	dan.brakeley
<div>✔ Size Optimization</div>	5d	2009-04-15	2009-04-21	dan.brakeley
<div><div>100.0%</div><div>Jeremy Parker</div></div>	54d	2009-03-02	2009-05-14	
<div><div>100.0%</div><div>Matt Sharpe</div></div>	56d	2009-03-02	2009-05-18	
<div>✔ Generate preview mogg</div>	1d	2009-05-18	2009-05-18	matthew.sharpe
<div>✔ Generate mp3 from mogg</div>	12h	2009-05-18	2009-05-18	matthew.sharpe
<div>✔ Return an error if sampling rate is not 48k</div>	1d	2009-05-18	2009-05-18	matthew.sharpe
<div>✔ Practice mode auto-generation</div>	1d	2009-05-18	2009-05-18	matthew.sharpe
<div>✔ Time display in audition mode</div>	12h	2009-05-18	2009-05-18	matthew.sharpe
<div>✔ Analyze lip sync auto-gen performance</div>	1d	2009-05-18	2009-05-18	matthew.sharpe
<div>✔ Bug Fix (March)</div>	20d	2009-03-02	2009-03-27	matthew.sharpe
<div>✔ Crowd audio in the practice space</div>	1d	2009-04-07	2009-04-07	matthew.sharpe
<div>✔ Adjust demo timeout</div>	2h	2009-04-13	2009-04-13	matthew.sharpe
<div><div>100.0%</div><div>John Eskew</div></div>	64d	2009-03-02	2009-05-28	
<div>✔ Build 3000 song packs</div>	12h	2009-03-04	2009-03-05	john.eskew
<div>✔ Deploy 2000 song packs and test</div>	4h	2009-03-11	2009-03-11	john.eskew
<div>✔ FIFO queue save file</div>	2d	2009-03-11	2009-03-12	john.eskew
<div>✔ Real UGC in store for QA</div>	1d	2009-03-18	2009-03-18	john.eskew
<div>✔ Add a C++ RockCentral server call to report suspi</div>	4h	2009-03-18	2009-03-18	john.eskew
<div>✔ Add a Python server method to record hackage</div>	4h	2009-03-18	2009-03-18	john.eskew
<div>✔ Add a table to store the information</div>	4h	2009-03-19	2009-03-19	john.eskew

Selected: 0 of 689 item(s)0 of 842

19 January

2009 February

2009 March

2009 April

2009 May

2009 June

2009 July

Dan Brakeley

supports validation with and without mogg encryption

Full pass of ProjectFile class

Build UI for exposed ProjectFile modifiers

Expose a blocking version of RBS building

Custom songs.dta for midi compiler

Handle subgenres when generating songs.dta

Build a non-blocking version of RBS building

UGC Stereo Support

Add support for remaining backend.dta to .rbproj file

Audition matchmaking rehash

MS failure notification to DB (validation)

TU Bug Fix (March)

Audition Feedback

"Advanced" Flow change to button cycling

"Regular" Flow Stuff

"Advanced" Flow general stuff

Creator's club subscription check

Expand venue list

Version number in Magma output files

Size Optimization

Jeremy Parker

Matt Sharpe

Generate preview mogg

Generate mp3 from mogg

Return an error if sampling rate is not 48k

Practice mode auto-generation

Time display in audition mode

Analyze lip sync auto-gen performance

Bug Fix (March)

Crowd audio in the practice space

Adjust demo timeout

John Eskew

Build 3000 song packs

Deploy 2000 song packs and test

FIFO queue save file

Real UGC in store for QA

Add a C++ RockCentral server call to report suspicious hackage

Add a Python server method to record hackage

Add a table to store the information

Item details window is minimized

Online 2009-12-04 Friday 10:14

start

Inbox - Microsoft Out...

Panel Powerpoint Decks

Gamefest - RBN.pptx

Gamefest Talking Poi...

Countdown to 1000 s...

L4fa31a6ad6f982cb...

Hansoft Project Mana...

10:14 AM

Friday

12/4/2009

Embarrassing Facebook
image of Harmonix
Programmer redacted for
legal reasons.

ROCK BAND NETWORK::BROWSE::LANGUAGE::ENGLISH

FannyPackAttack

SORTING: ALPHABETIC BY BAND : L



JAZZ Other

LOVELY JETSKI ULTRA
REVENGE OF THE SUIT B...
1962

DIFFICULTY

BAND	○	○	○	○	○
GUITAR	○	○	○	○	○
DRUM	○	○	○	○	○
VOCALS	●	●	●	●	○
BASS	●	●	○	○	○

A Well Balanced Meal 240

Captain Huggyface Hates You 240

LOVELY JETSKI ULTRA

Battlefield: Booty Trader 240

Treasure Trader 240

NAUGHTY MIDGET - THE QUICKENING

Barbie's Hammer Offensive 40

SURREAL MCCOY

Monkey Goes to Cambridge 200

WIKIA WIKIA WHACK

Drive By Sunbeam 8 80

THE WOLVES OF CHERNOBYL

Temporary Meltdown 160

THE XNA FIVE

BACK

CHANGE SORTING

HOLD FOR CATEGORY MENU

SELECT

Q



Q



I'm pretty sure
this violates a
TCR.

SWEET!

AUDITION MODE

In order to audition your songs, you need to run Magma on your PC. If you don't have Magma, you can download it at <http://creators.rockband.com>.

Network Status: Idling...

Song Status: waiting for transfer...

I wish I had a sweet image of the XNA development team riding a Tyrannosaurus Rex with Laser Beams and sweet laptops with Wi-Fi hacking into the mainframe that runs the Mothership of the invading Aliens just in time to make their warp core implode and save the planet.

But I don't, so I have to settle for just telling you that they are pretty awesome.

NAUGHTY BITS

RBN
ROCK BAND
NETWORK



RBN
ROCK BAND
NETWORK



S1ckH4nds

PLAYTEST OCTOPUS

Join Date: Aug 2009
Posts: 158

new playtesting

S1ckH4nds submitted the following feedback for [Love During Wartime](#)

General - 6/7

Does the genre the author selected accurately describe the song?
Does the preview clip accurately represent the song?
Does each musical part properly play as the instruments are played?
Does each instrument part play back at the correct volume?
Does the camera show the band playing the song?
Do the venue lighting choices allow you to see the band?
Do the characters animate properly?

Additional Comments

There doesn't appear to be a count-in in this song, for some reason. Also, don't forget to add a count-in.
Guitar - 1/4

Do the easy notes for Guitar seem appropriate for this song?
How about the medium notes? Do they seem appropriate for this song?
Do the hard notes for Guitar seem appropriate for this song?
What about the expert notes? Do they seem appropriate?

Additional Comments

EXPERT: Feels dead-on perfect. Nice job! The only thing I could possibly argue about is that the intro is doing nothing. Maybe go one way or the other with it?

HARD: Feels like a great reduction overall, but what happened to the sustain chords? Their presence in the outro, though, which is even more confusing. The 16th note altstrumming might be questionable.

MEDIUM: No need to reduce the glock quarter notes down to half notes, here, I think all the sustain, as well, when it should probably be a 1-3 chord. The other sustain chords are still missing, you currently have it. If you'd keep anything at eighth notes, I'd suggest it'd be the altstrumming.

EASY: The glock should be two notes here, like how it currently is on Medium. Again, missing the

11-25-2009, 03:22 AM

trg007

PLAYTEST APENNA

Join Date: Sep 2009
Location: South Pasadena, CA
Posts: 362

Vocals:

Vocals:

Most of the issues are with lyrics and phrasing. There are a couple of issues with the lyrics. First, a lot of your note tubes seem too long, in some cases causing the lyrics to be cut off. I didn't notice any notes that were starting much earlier or later than the ending your notes at the point that they become inaudible and make the beginnings.

Second, you left out some pretty significant pitch slides on a lot of notes. "mor-" to "-row" but you authored the notes as an instant change in pitch down on each word.

How come there are so many consecutive QD phrases from M79-M80?

14: "Fading" should be broken down as "Fad-ing", not "Fa-ding".
16: Missing dash in "May" causing the word to appear as "May be".
22-23: The lyrics are attached to the wrong notes in the phrase because they are attached to the two notes that are actually supposed to be a slide.
34-35: "She doesn't" and "want to see it turn to grey" should be made into one phrase.
44: Same as M16
46: Same as M16 (plus the "to morrow" issue you've already pointed out).
54: Some of your notes are too long in "She doesn't want" causing the lyrics to be cut off.
64-76: All instances of "ghost" need to be capitalized since they are proper nouns.
80: Some of your notes are too long in "For a happier" causing the lyrics to be cut off.
82: Same as M16
84: Same as M16
86-87: "There's a ghost" and "in this house" should be made into one phrase.
89-90: "She once lived" and "in this house" should be made into one phrase.
92: Some of your notes are too long in "She doesn't want" causing the lyrics to be cut off.
97-98: "There's a ghost" and "in this house" should be made into one phrase.
100-101: "She once lived" and "in this house" should be made into one phrase.
103: "She doesn't" and "want to see it turn to grey" should be made into one phrase.
105-107: Some of your notes are too long in "She doesn't want to", "see it", and "away" causing them to appear as one long note tube.

- Ted G.

Author, RockGamerStudios.com

[[Please help peer review our songs! Click here.](#)]

Last edited by trg007; 11-25-2009 at 12:51 PM. Reason: I can't spell

12-02-2009, 12:30 AM

razielpanic

PLAYTEST ANDEA

Join Date: Sep 2009
Location: Boston
Posts: 141

new playtesting

razielpanic submitted the following feedback for [Whatever Is Wrong With You](#)

General - 1/7

Does the genre the author selected accurately describe the song?
Does the preview clip accurately represent the song?
Does each musical part properly play as the instruments are played?
Does each instrument part play back at the correct volume?
Does the camera show the band playing the song?
Do the venue lighting choices allow you to see the band?
Do the characters animate properly?

Additional Comments

Yay, Marillion. Nice treat to playtest this.

Count-in: Hat snippet has some low end/midrange information in it that flams against the downbeat. That would sound better if it were more accurate if trimmed.

Music end point: Oddly enough, it took a few views before I heard 8 saw that the filtered drums continue with animation! It is entirely obvious once I noticed, but maybe cheat them up a bit louder 8 put the cam on the drummer 8 guitarist for a while before going wide.

Guitar - 3/4

Do the easy notes for Guitar seem appropriate for this song?
How about the medium notes? Do they seem appropriate for this song?
Do the hard notes for Guitar seem appropriate for this song?
What about the expert notes? Do they seem appropriate?

Additional Comments

E: In the section M05 - M03 I couldn't tell which part the chart follows. It becomes obvious after a number of times hitting that section, but on the 1st pass, I was still listening to the whirling melodic parts. (more under Vocals comments.)

M: The single notes between chords in the chorus still really sounded like chords on 2nd playthrough. The section M19- M05 (and again before M01) has consecutive gems of the same color representing different pitches.

H: Green gem after M04.2 is imperceptible in the mix, and might benefit from the "evening pattern consistency" suggestion for this skill in the docs. Solo is a LOT harder feeling than the rest of the song :) I play H on guitar mostly, and this section was further beyond my sight-reading ability than other songs (as well as the rest of this one.) I think it is all the 16th that are still in it. Consider the docs' suggestion to remove them.

X: Maybe someone wise will weigh in on the 3-note chords. I'm struggling to hear the added notes in the choruses that would warrant charting them- could very well be there, but below some of the other action in the mix. Also, the ones closer to the end sound like they should be charted as regular 2 notes.

Solo- when the guitar effects out to the fast Leslie sound, are there really picked 16ths under it, or is it just the tremolo in the effect? (see G gems at M02.1 G gems at M03.1 G gems at M05.1)

Pizzicato-like delay section: Those green gems (for example, M08.3, M08.4 M09.1, M02.3, M02.4) are just not discernible, though I keep trying to hear something there!

Vocals - 0/4

Do the sung lyrics match the text lyrics?

Is there one (and only one) syllable per note?

Does the vocal chart accurately represent the sung notes?

Are the lyrics free from profanity or mature subjects?

Additional Comments

Voice gets a bit buried under the cranked guitar parts. Mix issue inherited, or a result of boosting playable parts? On one hand it is great to have the lead melody guitars so up front, but another down side is it makes the chord sections just disappear- especially playing guitar on Easy with no chords in the chart to illustrate it.

Drums - 3/4

Do the easy notes for Drums seem appropriate for this song?

How about the medium notes? Do they seem appropriate for this song?

Do the hard notes for Drums seem appropriate for this song?

What about the expert notes? Do they seem appropriate?

Additional Comments

none

Bass - 4/4

Do the easy notes for Bass seem appropriate for this song?

How about the medium notes? Do they seem appropriate for this song?

Do the hard notes for Bass seem appropriate for this song?

What about the expert notes? Do they seem appropriate?

is chart. Also, in the first verse,



RYTHM AUTHORS

RockGAMER STUDIOS

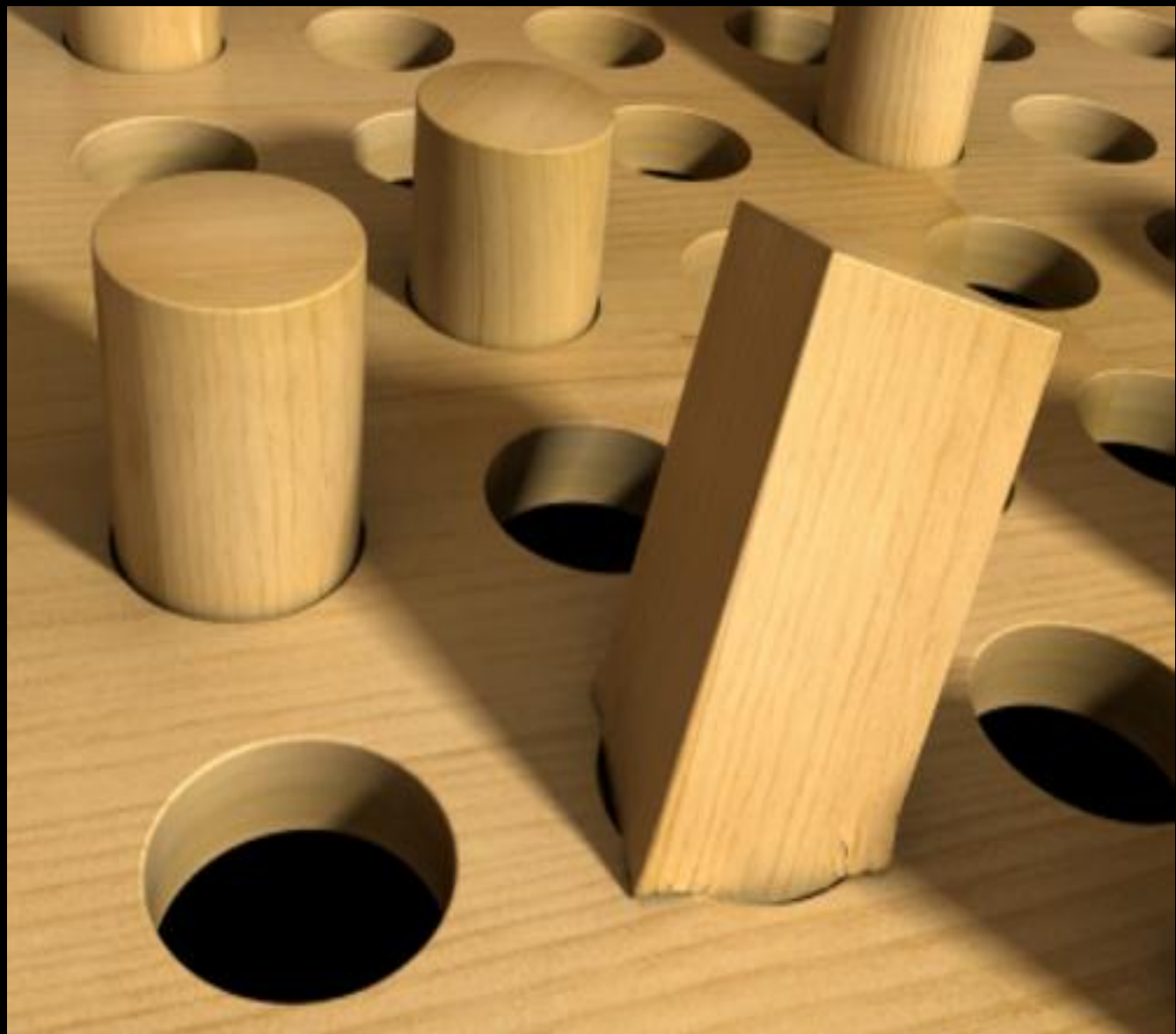


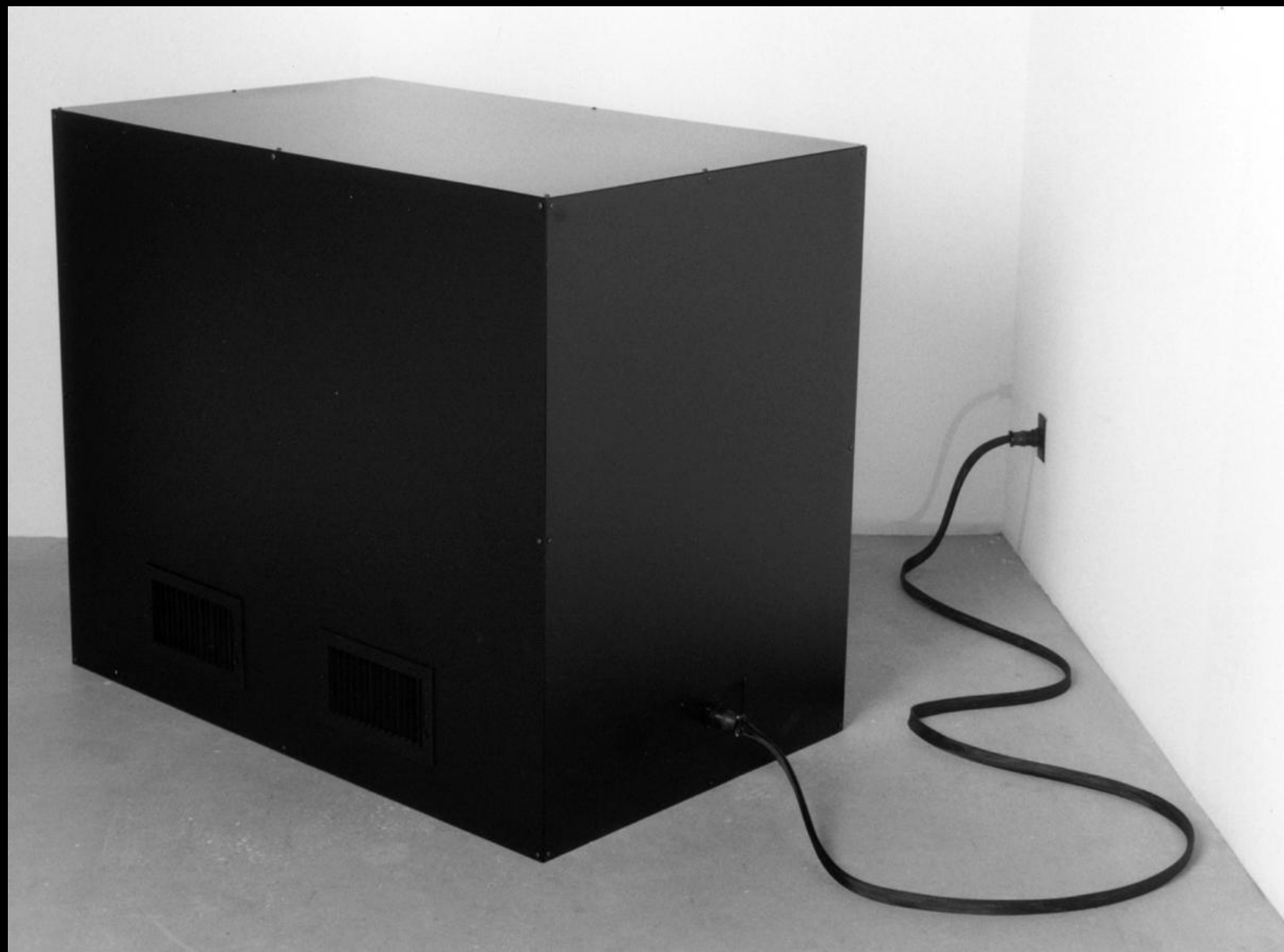
THE AUTHORITY INC

**WHAT WENT
WRONG**

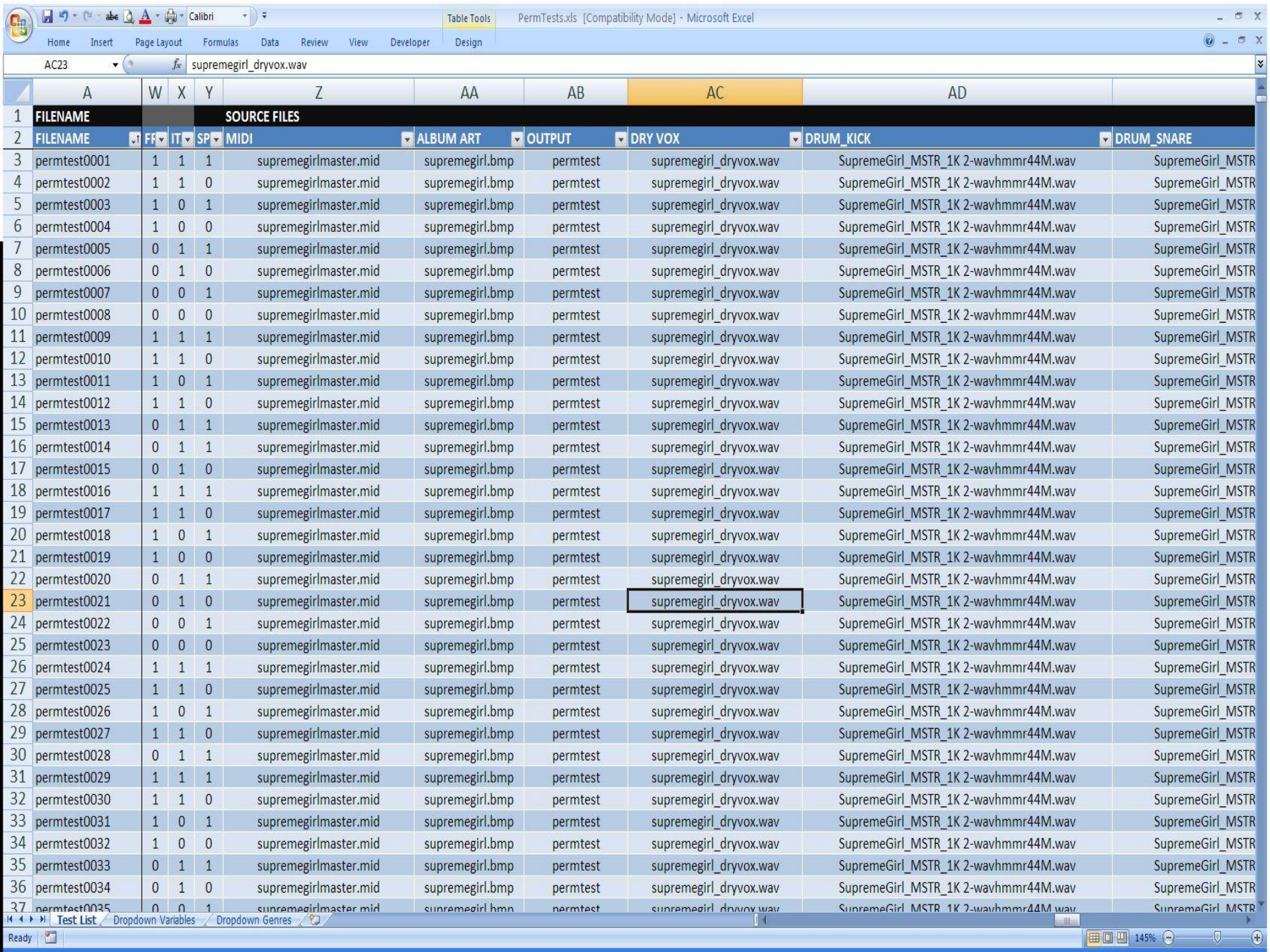
“I love deadlines. I like the whooshing sound they make as they fly by.”

-Douglas Adams.





permtest0001																											
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
1	FILENAME	BASIC INFORMATION							MARKETING INFORMATION										DATA							SOURCE FILES	
2	FILENAME	SONG NAME	ARTIST	ALBUM	COUNTRY	GENRE	SUBGENRE	DECADE	YEAR	AUTHC	LABEL	PRICE	F	F	F	F	F	V GEN	V SCR	S	ANI	V PERC	E	F	F	S	MIDI
3	permtest0001	song name 1	artist1	album1	ugc_country_us	alternative	subgenre_alternative	the60s	1962	author1	label1	80	1	1	1	1	1	male	2000	16	tambourine	1	1	1	1	supremegirlmaster.mid	
4	permtest0002	song name 2	artist2	album2	ugc_country_australia	alternative	subgenre_college	the70s	1976	author2	label2	160	1	1	1	1	2	female	2300	32	cowbell	1	1	1	0	supremegirlmaster.mid	
5	permtest0003	song name 3	artist3	album3	ugc_country_canada	alternative	subgenre_other	the80s	1981	author3	label3	240	1	1	1	2	3	female	2000	64	handclap	1	1	0	1	supremegirlmaster.mid	
6	permtest0004	song name 4	artist4	album4	ugc_country_denmark	blues	subgenre_acoustic	the90s	1999	author4	label1	80	1	1	1	2	4	male	2300	16	tambourine	1	1	0	0	supremegirlmaster.mid	
7	permtest0005	song name 5	artist5	album5	ugc_country_france	blues	subgenre_chicago	the00s	2009	author5	label2	160	1	1	2	3	5	male	2000	32	cowbell	1	0	1	1	supremegirlmaster.mid	
8	permtest0006	song name 6	artist6	album6	ugc_country_germany	blues	subgenre_classic	the10s	2012	author1	label3	240	1	1	2	3	6	female	2300	64	handclap	1	0	1	0	supremegirlmaster.mid	
9	permtest0007	song name 7	artist7	album7	ugc_country_ireland	blues	subgenre_contemporary	the20s	2027	author2	label1	80	1	1	2	4	7	female	2000	16	tambourine	1	0	0	1	supremegirlmaster.mid	
10	permtest0008	song name 8	artist8	album8	ugc_country_italy	blues	subgenre_country	the60s	1960	author3	label2	160	1	1	2	4	1	male	2300	32	cowbell	1	0	0	0	supremegirlmaster.mid	
11	permtest0009	song name 9	artist9	album9	ugc_country_japan	blues	subgenre_delta	the70s	1971	author4	label3	240	1	2	3	5	2	male	2000	64	handclap	0	1	1	0	supremegirlmaster.mid	
12	permtest0010	song name 10	artist10	album10	ugc_country_netherlands	blues	subgenre_electric	the80s	1984	author5	label1	80	1	2	3	5	3	female	2300	16	tambourine	0	1	1	0	supremegirlmaster.mid	
13	permtest0011	song name 11	artist11	album11	ugc_country_newzealand	blues	subgenre_other	the90s	1999	author1	label2	160	1	2	3	6	4	female	2000	32	cowbell	0	1	0	1	supremegirlmaster.mid	
14	permtest0012	song name 12	artist12	album12	ugc_country_norway	classicrock	subgenre_classicrock	the00s	2005	author2	label3	240	1	2	3	6	5	male	2300	64	handclap	0	1	1	0	supremegirlmaster.mid	
15	permtest0013	song name 13	artist13	album13	ugc_country_singapore	country	subgenre_alternative	the10s	2019	author3	label1	80	1	2	4	7	6	male	2000	16	tambourine	0	0	1	1	supremegirlmaster.mid	
16	permtest0014	song name 14	artist14	album14	ugc_country_spain	country	subgenre_bluegrass	the20s	2028	author4	label2	160	1	2	4	7	7	female	2300	32	cowbell	0	0	1	1	supremegirlmaster.mid	
17	permtest0015	song name 15	artist15	album15	ugc_country_sweden	country	subgenre_contemporary	the60s	1964	author5	label3	240	1	2	4	1	1	female	2000	64	handclap	0	0	1	0	supremegirlmaster.mid	
18	permtest0016	song name 16	artist16	album16	ugc_country_uk	country	subgenre_honkytonk	the70s	1977	author1	label1	80	1	2	4	1	2	male	2300	16	tambourine	1	1	1	0	supremegirlmaster.mid	
19	permtest0017	song name 17	artist17	album17	ugc_country_us	country	subgenre_outlaw	the80s	1983	author2	label2	160	2	3	5	2	3	male	2000	32	cowbell	1	1	1	0	supremegirlmaster.mid	
20	permtest0018	song name 18	artist18	album18	ugc_country_australia	country	subgenre_traditionalfolk	the90s	1995	author3	label3	240	2	3	5	2	4	female	2300	64	handclap	1	1	0	1	supremegirlmaster.mid	
21	permtest0019	song name 19	artist19	album19	ugc_country_canada	country	subgenre_other	the00s	2008	author4	label1	80	2	3	5	3	5	female	2000	16	tambourine	1	1	0	0	supremegirlmaster.mid	
22	permtest0020	song name 20	artist20	album20	ugc_country_denmark	emo	subgenre_emo	the10s	2016	author5	label2	160	2	3	5	3	6	male	2300	32	cowbell	1	0	1	1	supremegirlmaster.mid	
23	permtest0021	song name 21	artist21	album21	ugc_country_france	fusion	subgenre_fusion	the20s	2026	author1	label3	240	2	3	6	4	7	male	2000	64	handclap	1	0	1	0	supremegirlmaster.mid	
24	permtest0022	song name 22	artist22	album22	ugc_country_germany	glam	subgenre_glam	the60s	1967	author2	label1	80	2	3	6	4	1	female	2300	16	tambourine	1	0	0	1	supremegirlmaster.mid	
25	permtest0023	song name 23	artist23	album23	ugc_country_ireland	glam	subgenre_goth	the70s	1979	author3	label2	160	2	3	6	5	2	female	2000	32	cowbell	1	0	0	0	supremegirlmaster.mid	
26	permtest0024	song name 24	artist24	album24	ugc_country_italy	glam	subgenre_other	the80s	1980	author4	label3	240	2	3	6	5	3	male	2300	64	handclap	0	1	1	1	supremegirlmaster.mid	
27	permtest0025	song name 25	artist25	album25	ugc_country_japan	grunge	subgenre_grunge	the90s	1993	author5	label1	80	2	4	7	6	4	male	2000	16	tambourine	0	1	1	0	supremegirlmaster.mid	
28	permtest0026	song name 26	artist26	album26	ugc_country_netherlands	indierock	subgenre_indierock	the00s	2001	author1	label2	160	2	4	7	6	5	female	2300	32	cowbell	0	1	0	1	supremegirlmaster.mid	
29	permtest0027	song name 27	artist27	album27	ugc_country_newzealand	indierock	subgenre_mathrock	the10s	2011	author2	label3	240	2	4	7	7	6	female	2000	64	handclap	0	1	1	0	supremegirlmaster.mid	
30	permtest0028	song name 28	artist28	album28	ugc_country_norway	indierock	subgenre_lofi	the20s	2020	author3	label1	80	2	4	7	7	7	male	2300	16	tambourine	0	0	1	1	supremegirlmaster.mid	
31	permtest0029	song name 29	artist29	album29	ugc_country_singapore	indierock	subgenre_shoegazing	the60s	1968	author4	label2	160	2	4	1	1	1	male	2000	32	cowbell	1	1	1	1	supremegirlmaster.mid	
32	permtest0030	song name 30	artist30	album30	ugc_country_spain	indierock	subgenre_postrock	the70s	1974	author5	label3	240	2	4	1	1	2	female	2300	64	handclap	1	1	1	0	supremegirlmaster.mid	
33	permtest0031	song name 31	artist31	album31	ugc_country_sweden	indierock	subgenre_noise	the80s	1988	author1	label1	80	2	4	1	2	3	female	2000	16	tambourine	1	1	0	1	supremegirlmaster.mid	
34	permtest0032	song name 32	artist32	album32	ugc_country_uk	indierock	subgenre_other	the90s	1997	author2	label2	160	2	4	1	2	4	male	2300	32	cowbell	1	1	0	0	supremegirlmaster.mid	
35	permtest0033	song name 33	artist33	album33	ugc_country_us	jazz	subgenre_acidjazz	the00s	2009	author3	label3	240	3	5	2	3	5	male	2000	64	handclap	1	0	1	1	supremegirlmaster.mid	
36	permtest0034	song name 34	artist34	album34	ugc_country_australia	jazz	subgenre_contemporary	the10s	2017	author4	label1	80	3	5	2	3	6	female	2300	16	tambourine	1	0	1	0	supremegirlmaster.mid	
37	permtest0035	song name 35	artist35	album35	ugc_country_canada	jazz	subgenre_experimental	the20s	2029	author5	label2	160	3	5	2	4	7	female	2000	32	cowbell	1	0	0	1	supremegirlmaster.mid	
38	permtest0036	song name 36	artist36	album36	ugc_country_denmark	jazz	subgenre_ragtime	the60s	1963	author1	label3	240	3	5	2	4	1	male	2300	64	handclap	1	0	0	0	supremegirlmaster.mid	
39	permtest0037	song name 37	artist37	album37	ugc_country_france	jazz	subgenre_smooth	the70s	1976	author2	label1	80	3	5	3	5	2	male	2000	16	tambourine	0	1	1	1	supremegirlmaster.mid	
40	permtest0038	song name 38	artist38	album38	ugc_country_germany	jazz	subgenre_other	the80s	1980	author3	label2	160	3	5	3	5	3	female	2300	32	cowbell	0	1	1	0	supremegirlmaster.mid	
41	permtest0039	song name 39	artist39	album39	ugc_country_ireland	metal	subgenre_metal	the90s	1992	author4	label3	240	3	5	3	6	4	female	2000	64	handclap	0	1	0	1	supremegirlmaster.mid	
42	permtest0040	song name 40	artist40	album40	ugc_country_italy	metal	subgenre_alternative	the00s	2004	author5	label1	80	3	5	3	6	5	male	2300	16	tambourine	0	1	1	0	supremegirlmaster.mid	
43	permtest0041	song name 41	artist41	album41	ugc_country_japan	metal	subgenre_black	the10s	2018	author1	label2	160	3	6	4	7	6	male	2000	32	cowbell	0	0	1	1	supremegirlmaster.mid	
44	permtest0042	song name 42	artist42	album42	ugc_country_netherlands	metal	subgenre_core	the20s	2021	author2	label3	240	3	6	4	7	7	female	2300	64	handclap	0	0	1	1	supremegirlmaster.mid	
45	permtest0043	song name 43	artist43	album43	ugc_country_newzealand	metal	subgenre_death	the60s	1961	author3	label1	80	3	6	4	1	1	female	2000	16	tambourine	0	0	1	0	supremegirlmaster.mid	
46	permtest0044	song name 44	artist44	album44	ugc_country_norway	metal	subgenre_hair	the70s	1979	author4	label2	160	3	6	4	1	2	male	2300	32	cowbell	1	1	1	1	supremegirlmaster.mid	
47	permtest0045	song name 45	artist45	album45	ugc_country_singapore	metal	subgenre_industrial	the80s	1987	author5	label3	240	3	6	5	2	3	male	2000	64	handclap	1	1	1	0	supremegirlmaster.mid	
48	permtest0046	song name 46	artist46	album46	ugc_country_spain	metal	subgenre_power	the90s	1999	author1	label1	80	3	6	5	2	4	female	2300	16	tambourine	1	1	0	1	supremegirlmaster.mid	
49	permtest0047	song name 47	artist47	album47	ugc_country_sweden	metal	subgenre_prog	the00s	2008	author2	label2	160	3	6	5	3	5	female	2000	32	cowbell	1	1	0	0	supremegirlmaster.mid	
50	permtest0048	song name 48	artist48	album48	ugc_country_uk	metal	subgenre_speed	the10s	2014	author3	label3	240	3	6	5	3	6	male	2300	64	handclap	1	0	1	1	supremegirlmaster.mid	
51	permtest0049	song name 49	artist49	album49	ugc_country_us	metal	subgenre_thrash	the20s	2020	author4	label1	80	4	7	6	4	7	male	2000	16	tambourine	1	0	1	0	supremegirlmaster.mid	
52	permtest0050	song name 50	artist50	album50	ugc_country_australia	metal	subgenre_other	the60s	1961	author5	label2	160	4	7	6	4	1	female	2300	32	cowbell	1	0	0	1	supremegirlmaster.mid	
53	permtest0051	song name 51	artist51																								









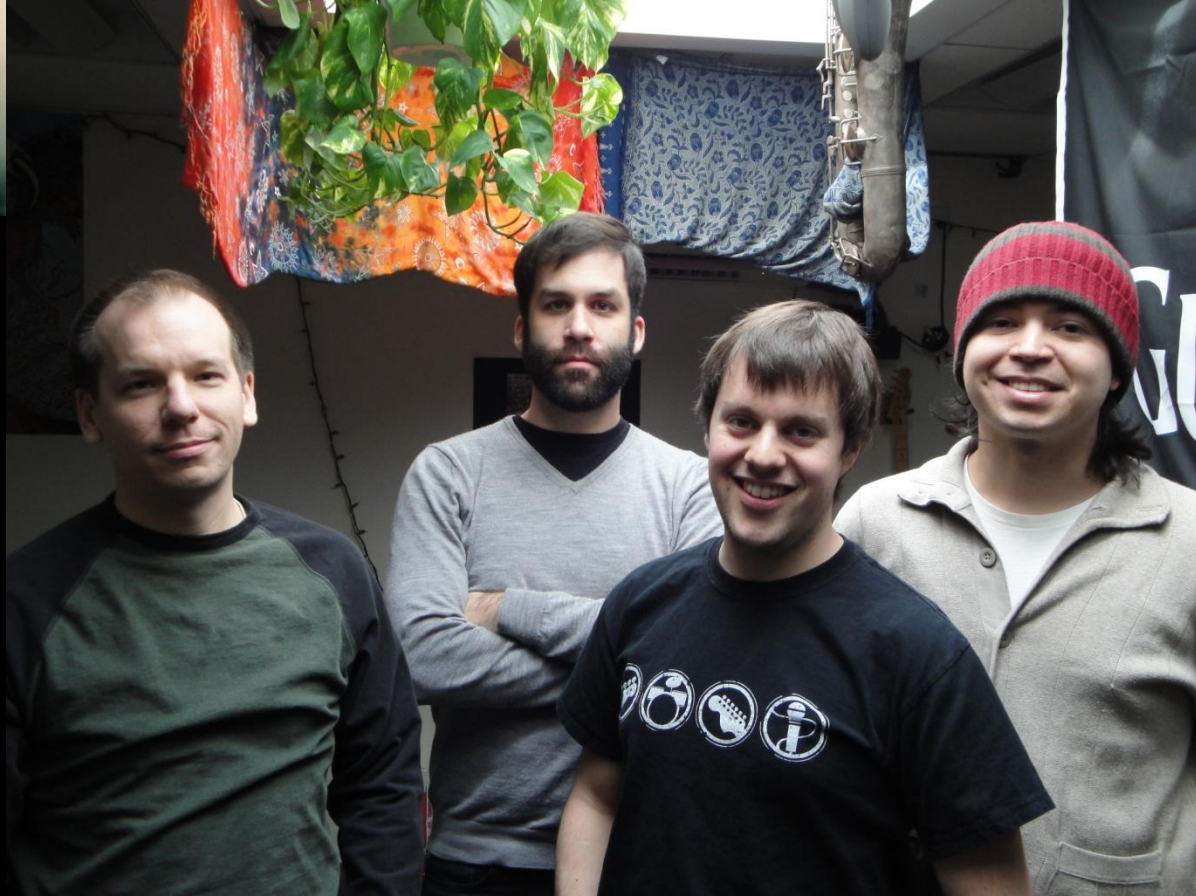








A Rare Breed



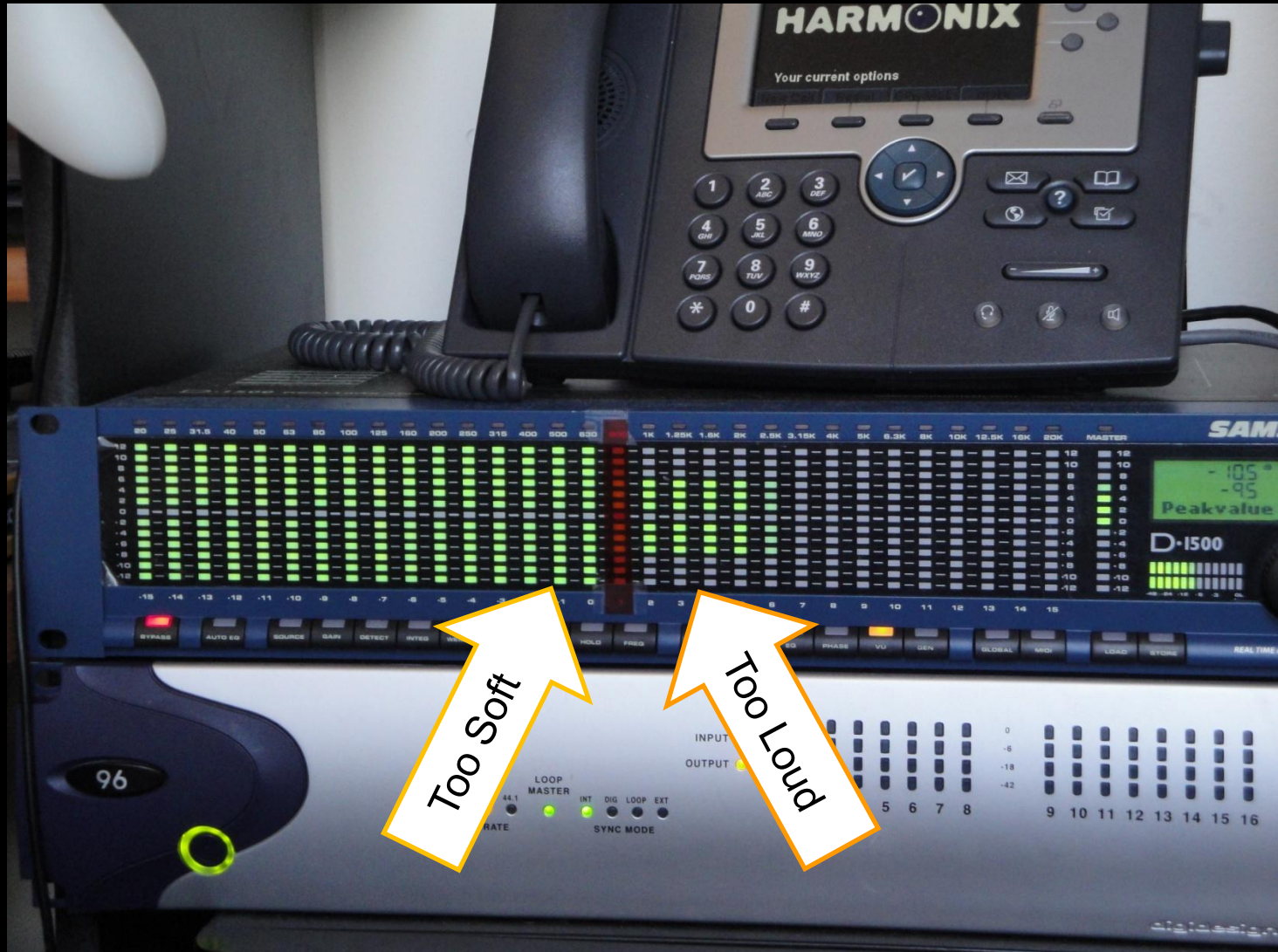
Standards?

- Community Eager for Rock Solid Rules and Clear Standards
- Culture and authoring style has developed organically over time with very few hard rules
- We've managed to maintain this to some extent

But not without some serious soul searching
and impassioned discussion within the community

Standards?

Standards!



**WHAT WENT
HORRIBLY
HORRIBLY
WRONG**



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**OPERA
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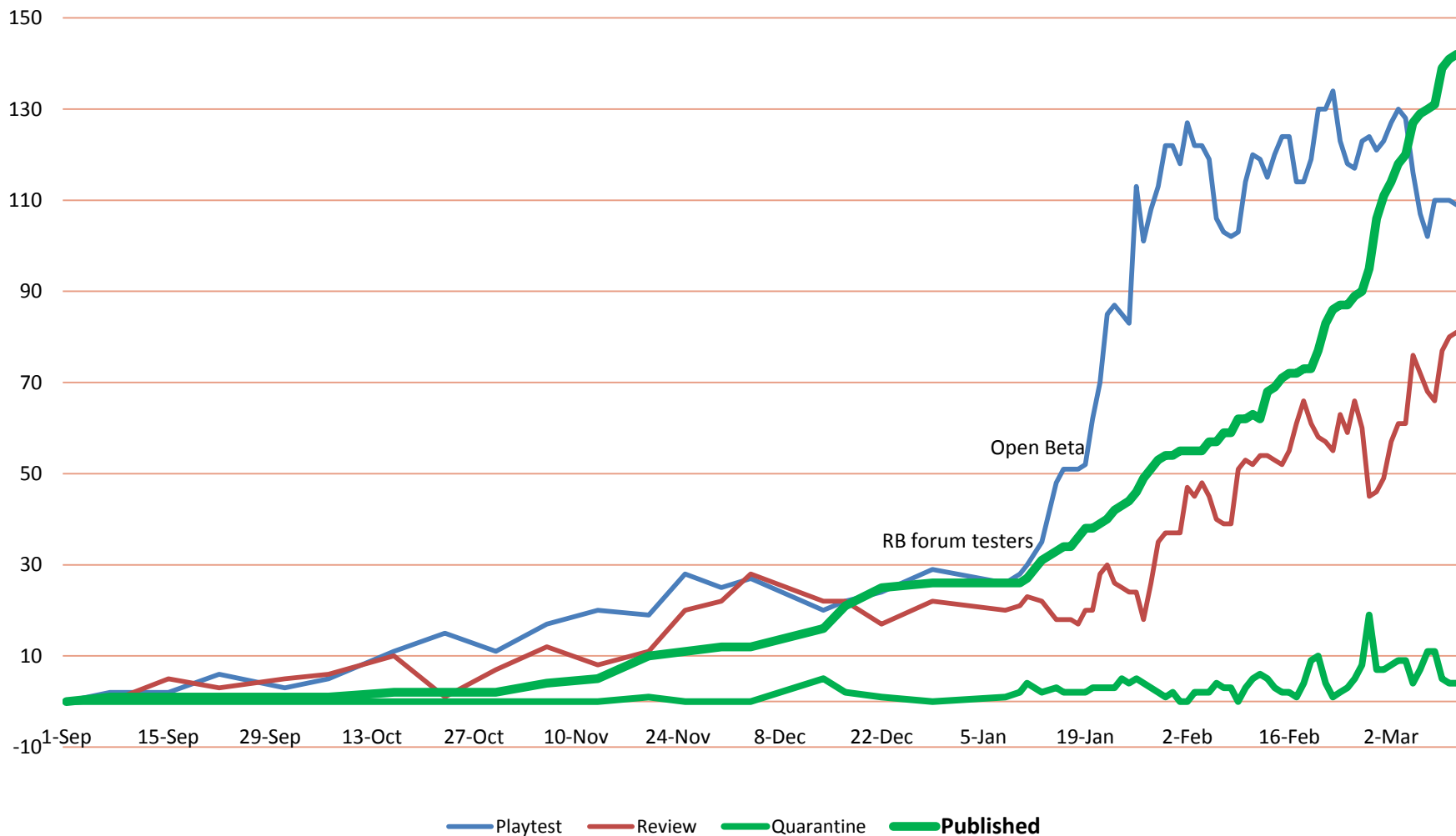


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THE END THANK YOU

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