

Joe's Last (re)Mix

for electric winds

2010

Robert McCarthy
Tanner Menard

Joe’s Last (re)Mix

Remixer’s notes:

Joe’s Last (re)mix is an reworking of Tanner Menard’s piece for wind ensemble, *Joe’s Last Mix*. *JLrM* came about as a submission for a call for scores hosted by Stuart Sims at the Loose Filter Podcast. Stuart commissioned the source piece, *JLM*, from Tanner Menard, and I am thankful for their collaboration; Without them, none of this would be possible.

My (re)Mix, like the original, owes much of its style and pacing to the format of a live DJ mix. Because of this, most of this remix, and all of the original, are laid out in strict 4-bar phrases with repeating background figures to provide a steady foundation over which to develop new material.

The electronic adjustment of acoustic instruments gives this piece a true electronic quality common in most remixes of popular music.

-Robert McCarthy, 2010.

Composer’s notes:

Joe’s Last Mix was my first attempt at blending the structures of my minimalist upbringing with the sounds of the electronic revolution that I was witnessing on stages and in recordings in the form of techno, drum and bass, and house music. During its conception, I imagined that *joe’s last mix* was going to be a structural representation of a live DJ mix. In retrospect, I realize that it owes much more of its rhythmic vitality to artists such as Aphex Twin, Square Pusher and Orbital, artists whose vision is much closer to the type of work that I am currently doing with live computing.

Much of the energy in *Joe’s Last Mix* comes from the dynamic nature of the time and culture in which it was written. Its seemingly out of sync rhythmic structure, the result of simple processes designed with the help of my imac, is often falling apart at the seams. *Joe’s Last Mix* is an ecstatic dancer, dancing himself to oblivion.

-Tanner Menard, 2000

Instrumentation:

(one player per part)

Flute/Piccolo •
Oboe *
English Horn •
Eb Clarinet *
Bb Clarinet *
Bass Clarinet
Bassoon
Trumpet I
Trumpet II
Trombone I
Trombone II
Tuba
Crotales/Bells
Marimba
Piano
Synthesizer - MIDI controller to either computer
Drum Set
Computer I •
Computer II*

• * See Technical Specifications for more info on computer or additional instrument setup.

About the Composers:

Robert McCarthy, composer and oboist, has written music performed on football fields, in gymnasiums, and at concert halls from his native Arizona State University to as far away as Amsterdam. He enjoys computer-generated/process music, indie rock, and everything in between.

Tanner Menard, composer and sound designer, was born in 1978. He is a member of the San Francisco-based digital media collective *Recombinant*, in association with Asphodel Records. A typical generation [x]er, he is currently making music for computer networks with his performance partner Logan Hedin. Tanner studied music composition and computer music with Dr. Stephen David Beck at Louisiana State University, and was liberated to all sound by Naut Humon. He has also worked closely with Carla Scaletti, the developer of the Kyma language for sound design. His wind music and his music for computers has been heard across the fruited plain, and in Canada.

Technical Specifications:

Each player in the upper woodwind group should be amplified by his or her own microphone run through computer I or II. Each computer should be running the Apple Mainstage software and loaded with the JlrM .concert file (available from the composer, www.asiab3.com). Once each instrument is mic'd and appropriately mixed into its respective computer, each computer should have a "DJ" or operator to modify the settings in rehearsal and live performance. The DJ should follow his or her assigned staves in the score, and adjust the software parameters when appropriate. This will require rehearsing with the ensemble, with electronics at most rehearsals. The software/score contain three delay settings, (corresponding to eight, quarter, and half notes,) three reverb settings, and one distortion setting. Various other tools (tuner, amp simulation, volume etc.) are included but not mandatory for performance. The score markings are as follows, and identical for both computers:

D - 1/8 - Delay 1/8 Note

D - 1/4 - Delay 1/4 Note

D - 1/2 - Delay 1/2 Note

D - O - Delay Off

Rev - M - Reverb Medium

Rev - S - Reverb Small

Rev - O - Reverb Off

Distortion - Distortion On

Dist. Off - Distortion Off

All software changes are to happen on the indicated beat, and will require following a score. All changes in one category cancel out any existing effects of the same nature. For example, a "D - 1/2" mark will require the deactivation of a "D - 1/8", but should not affect any "Rev" markings.

The Synthesizer part is ideally performed on a MIDI controller plugged in to either one of the computers. The keyboard patches are selectable on the left hand side of the interface, and should be changed where appropriate in the score. Performances on a Rhodes/Hammond are also possible. (and quite tasty!)

Once all sounds are configured through both computers, each should be run into a PA/amplification system with one speaker on each side of the ensemble. The woodwinds should be amplified enough to balance out the brass section, but not overpowering. The synthesizer should be treated as an ensemble instrument, and never a soloist.

Alternate Parts:

Included with the downloadable part set is a folder containing five parts beginning with "D/" and ending with an instrument name, for example, "D/ Oboe". For ensembles without the necessary electronic equipment or rehearsal time, these parts may be played by additional players to produce almost all the necessary pitch and rhythm delays. They will not be shown in the score, but they sound exactly as they would if delayed by the computer setup. If these parts are used, the synthesizer should have its own sound source and the player should chose his or her own patches to best fit the character of the piece.

Performance Notes:

The delays in the woodwind parts are the most important rhythmical aspects of this piece. Because of the computer-processed delays, the woodwinds will always play back in tempo at 108 bpm, regardless of how fast the ensemble is going. It is imperative that the ensemble follows a metronomic pulse, set by the drum-set player at the beginning of the piece, who may visually indicate tempo or do an audible count off. Regardless of how the piece is started, the drum-set player should be in sync with a metronome set at 108 bpm for the duration of the piece. This may be done with an in-ear click track or a visual metronome on his music stand. Alternatively, a conductor could be given an in-ear click track, but past experience has shown this to be less successful. I encourage all performing ensembles to experiment with how tempo will be standardized, so that the best musical product can be achieved.

Feel free to email asiab3@mac.com with any questions regarding setup.

Joe's Last (re)Mix

Robert McCarthy

for electric winds

Tanner Menard

 = 108

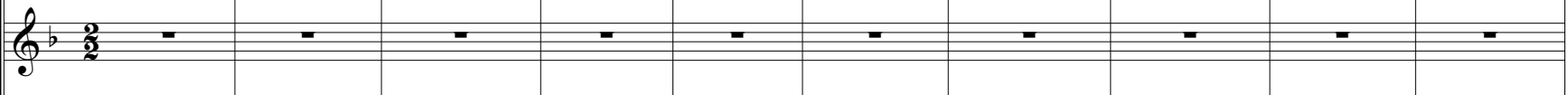
loops][layers

9 D-1/2

Flute



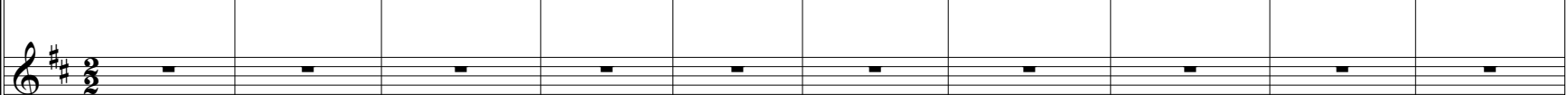
Oboe



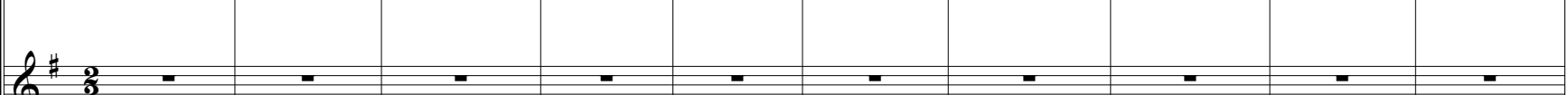
English Horn



Clarinet in E♭



Clarinet in B♭



Bass Clarinet



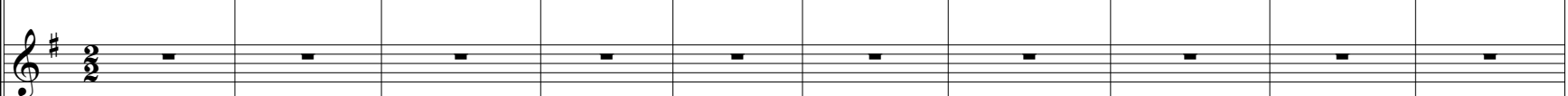
Bassoon



Trumpet in B♭ 1



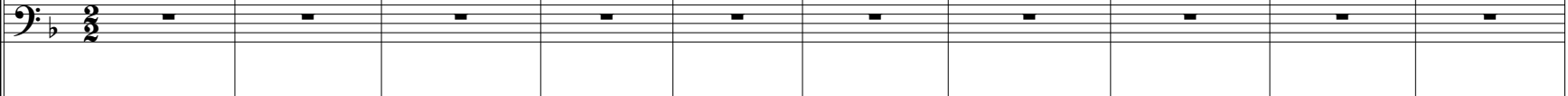
Trumpet in B♭ 2



Trombone 1



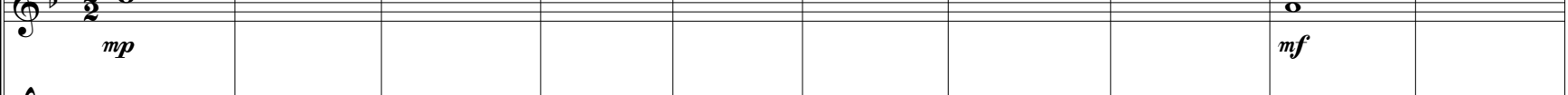
Trombone 2



Tuba



Bells/Crotales



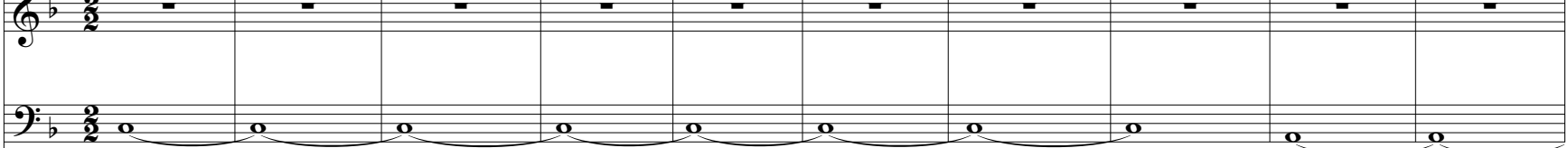
Marimba



Piano



Synthesizer/Organ



Drum Set



[illegible]

Joe's Last (re)Mix

3

This musical score page contains measures 21 through 25 of "The Rose Tree" from Disney's Fantasia. The score is written for a full orchestra and includes the following parts:

- Fl.**: Flute
- Ob.**: Oboe
- E. Hn.**: English Horn
- E♭ Cl.**: E-flat Clarinet
- B♭ Cl.**: B-flat Clarinet
- B. Cl.**: Bass Clarinet
- Bsn.**: Bassoon
- B♭ Tpt. 1 & 2**: B-flat Trumpets 1 and 2
- Tbn. 1 & 2**: Trombones 1 and 2
- Tuba**
- Bls./ Crt.**: Bell/Chime
- Mrb.**: Maracas
- Pno.**: Piano
- Synth/Org.**: Synthesizer/Organ
- D. S.**: Drums

The key signature has one flat (B-flat), and the time signature is common time (C). Measure numbers 21, 25, and 29 are indicated at the top of their respective staves. Dynamics include *mf* (mezzo-forte) and *f* (forte). Performance markings such as accents (>) and slurs are present throughout the score.

33

Joe's Last (re)Mix

Rev-O

5

41

Fl.

Ob.

E. Hn.

E $\flat$ Cl.

B $\flat$ Cl.

B. Cl.

Bsn.

B $\flat$ Tpt. 1

B $\flat$ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

[illegible]

Joe's Last (re)Mix

65

66

Fl.

Ob.

E. Hn.

E $\flat$ Cl.

B $\flat$ Cl.

B. Cl.

Bsn.

B $\flat$ Tpt. 1

B $\flat$ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

mp

mf

f

D-1/8

Joe's Last (re)Mix

72

D-0

ff

Fl.

72

D-1/2

ff

Ob.

72

D-0

ff

E. Hn.

72

D-1/2

ff

E♭ Cl.

72

D-1/2

ff

B♭ Cl.

72

ff

B. Cl.

72

ff

Bsn.

72

ff

B♭ Tpt. 1

72

ff

B♭ Tpt. 2

72

ff

Tbn. 1

72

ff

Tbn. 2

72

ff

Tuba

72

ff

Bls./ Crt.

72

ff

Mrb.

72

ff

Pno.

72

ff

Synth/Org.

72

D. S.

song][dance

79 song II dance 83

Fl. *fp*

Ob. *fp* D-1/4 *f*

E. Hn. *fp* Rev-M D-0 *mf*

E♭ Cl. *fp* D-1/4 *f*

B♭ Cl. *fp* D-1/4 *f*

B. Cl. *fp* *f*

Bsn. *fp* *f*

B♭ Tpt. 1 *f* *mf*

B♭ Tpt. 2 *f* *mf*

Tbn. 1 *fp* *f* *mf*

Tbn. 2 *fp* *f* *mf*

Tuba *fp* *f* *mf*

Bls./ Crt. 79

Mrb. 79

Pno. 79 *mf* *pad synth* *pad synth*

Synth/Org. 79 *mf* *pad synth*

D. S. 79 *ad lib.*

Joe's Last (re)Mix

11

[illegible]

[illegible]

103

Fl.

f

D-1/8

Ob.

D-1/4

D-0

E. Hn.

f

D-1/8

E♭ Cl.

D-1/4

D-0

B♭ Cl.

B. Cl.

Bsn.

B♭ Tpt. 1

B♭ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

f

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

103

109

This page of the musical score is for a symphony orchestra, featuring woodwinds, brass, percussion, and strings. The score is in 3/4 time and includes various dynamics, articulations, and performance instructions.

Woodwinds:

- Flute (Fl.):** Starts with a forte (*f*) dynamic, then a mezzo-forte (*mf*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.
- Oboe (Ob.):** Starts with a forte (*f*) dynamic, then a mezzo-forte (*mf*) section with a **D-1/4** marking, and ends with a forte (*f*) dynamic.
- English Horn (E. Hn.):** Starts with a forte (*f*) dynamic, then a mezzo-forte (*mf*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.
- E♭ Clarinet (E♭ Cl.):** Starts with a forte (*f*) dynamic, then a mezzo-forte (*mf*) section with a **D-1/4** marking, and ends with a forte (*f*) dynamic.
- B♭ Clarinet (B♭ Cl.):** Starts with a forte (*f*) dynamic, then a mezzo-forte (*mf*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.
- Bass Clarinet (B. Cl.):** Remains silent throughout the page.
- Bassoon (Bsn.):** Remains silent throughout the page.

Brass:

- B♭ Trumpet 1 (B♭ Tpt. 1):** Remains silent throughout the page.
- B♭ Trumpet 2 (B♭ Tpt. 2):** Remains silent throughout the page.
- Trombone 1 (Tbn. 1):** Starts with a mezzo-forte (*mf*) dynamic, then a forte (*f*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.
- Trombone 2 (Tbn. 2):** Starts with a mezzo-forte (*mf*) dynamic, then a forte (*f*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.
- Tuba:** Starts with a mezzo-forte (*mf*) dynamic, then a forte (*f*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.

Percussion:

- Bells (Bls./ Crt.):** Starts with a mezzo-forte (*mp*) dynamic, then a forte (*f*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.
- Mrb.:** Starts with a mezzo-forte (*mp*) dynamic, then a forte (*f*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.
- Piano (Pno.):** Starts with a mezzo-forte (*mp*) dynamic, then a forte (*f*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.
- Synth/Org.:** Starts with a mezzo-forte (*mp*) dynamic, then a forte (*f*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.

Strings:

- D. S. (Double Bass):** Starts with a mezzo-forte (*mp*) dynamic, then a forte (*f*) section with a **D-0** marking, and ends with a forte (*f*) dynamic.

Joe's Last (re)Mix

15

Joe's Lust (re)Mix

119

Fl.

Ob.

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn.

B♭ Tpt. 1

B♭ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

D-1/2

D-0

f

f

f

mf

>

This musical score page contains measures 127 through 132. The instruments and their parts are as follows:

- Fl.:** Measures 127-128 have a melodic line. Measure 129 has a rest. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Ob.:** Measures 127-128 have a melodic line. Measure 129 has a rest. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- E. Hn.:** Measures 127-128 have a melodic line. Measure 129 has a rest. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- E♭ Cl.:** Measures 127-128 have a melodic line. Measure 129 has a rest. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- B♭ Cl.:** Measures 127-128 have a melodic line. Measure 129 has a rest. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- B. Cl.:** Measures 127-128 have a melodic line. Measure 129 has a rest. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Bsn.:** Measures 127-128 have a melodic line. Measure 129 has a rest. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- B♭ Tpt. 1:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- B♭ Tpt. 2:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Tbn. 1:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Tbn. 2:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Tuba:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Bls./Crt.:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Mrb.:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Pno.:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- Synth/Org.:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.
- D. S.:** Measures 127-128 have a rest. Measure 129 has a melodic line starting on D4, marked *f*. Measures 130-132 have a melodic line starting on D4, marked *ff*.

[illegible]

141

Fl.

Ob.

E. Hn.

E $\flat$ Cl.

B $\flat$ Cl.

B. Cl.

Bsn.

B $\flat$ Tpt. 1

B $\flat$ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

mf

ff

distortion

f

Joe's Last (re)Mix

147

19

147

Joe's Last (re)Mix

19

Fl.

Ob.

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn.

B♭ Tpt. 1

B♭ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

[illegible]

Joe's Last (re)Mix

21

Joe's Last (re)Mix 21

161

Fl.

Ob.

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn.

B♭ Tpt. 1

B♭ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

[illegible]

175

[illegible]

[illegible]

Joe's Last (re)Mix

25

191

Fl.

Ob.

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn.

B♭ Tpt. 1

B♭ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

organ

f

ff

26 Joe's Last (re)Mix

198

Fl.

Ob.

E. Hn.

E♭ Cl.

B♭ Cl.

B. Cl.

Bsn.

B♭ Tpt. 1

B♭ Tpt. 2

Tbn. 1

Tbn. 2

Tuba

Bls./ Crt.

Mrb.

Pno.

Synth/Org.

D. S.

Fl.

203

D-0

Ob.

D-0

E. Hn.

D-0

E♭ Cl.

D-0

B♭ Cl.

D-0

B. Cl.

D-0

Bsn.

D-0

B♭ Tpt. 1

203

ff

B♭ Tpt. 2

ff

Tbn. 1

ff

Tbn. 2

ff

Tuba

ff

Bls./ Crt.

203

ff

Mrb.

203

ff

Pno.

203

ff

Synth/Org.

203

mf

D. S.

203

mf