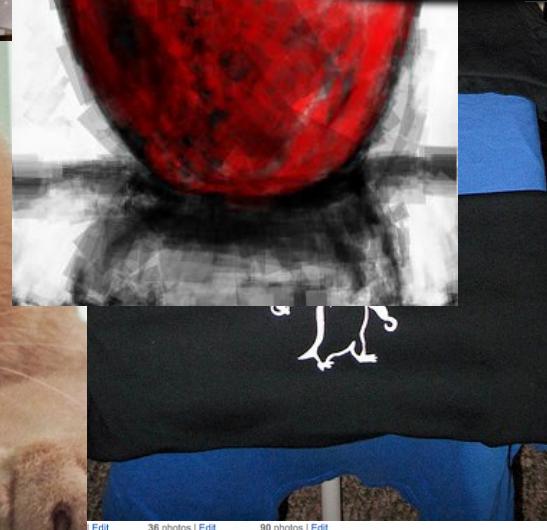
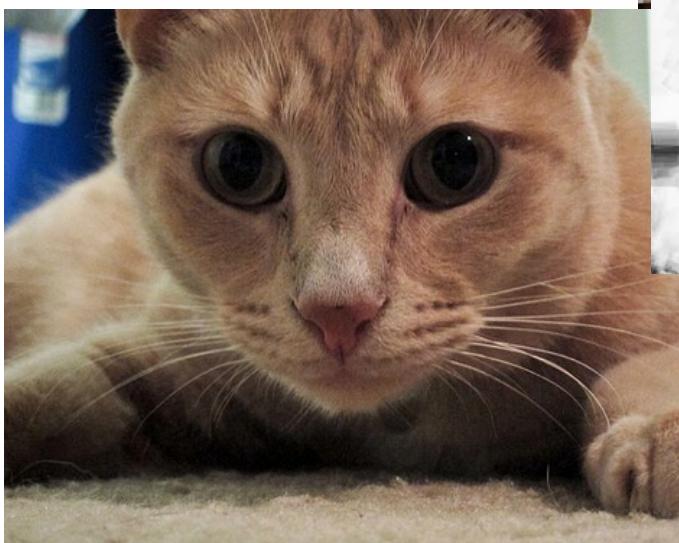
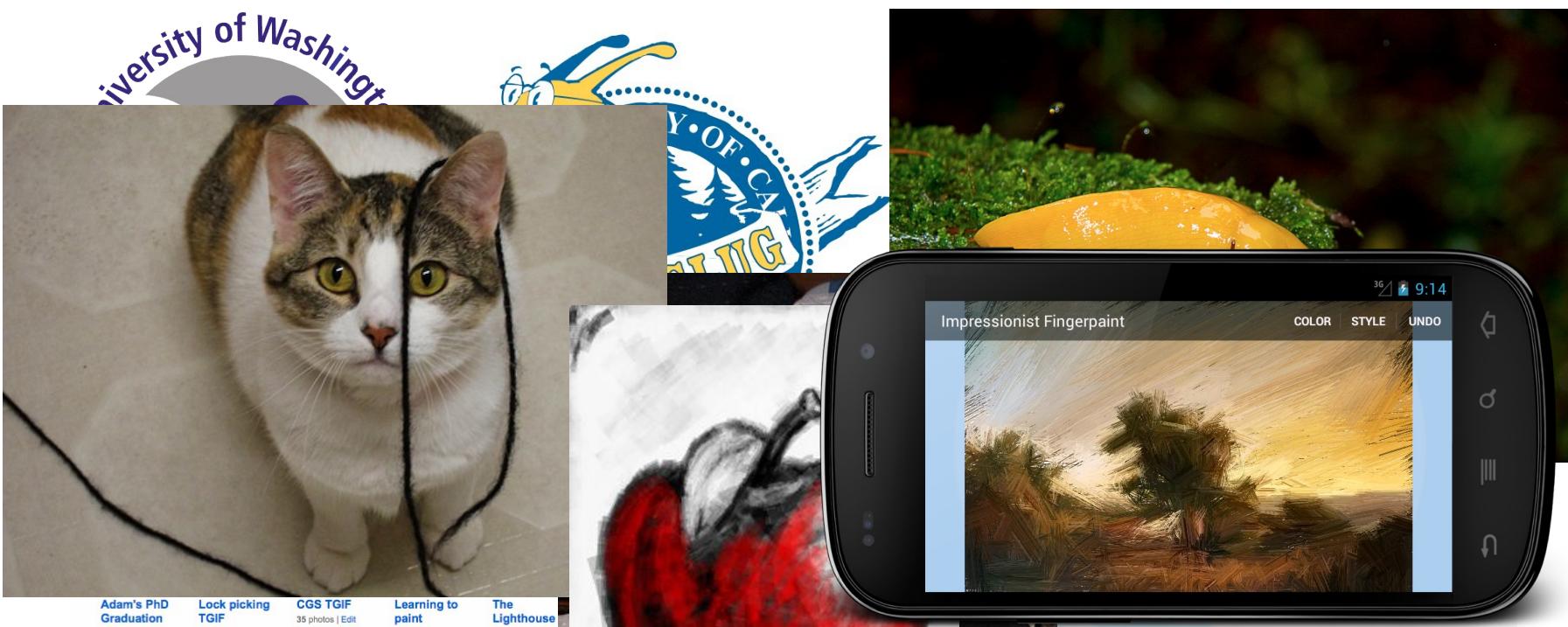


Kathleen Tuite

November 19, 2013



kathleen.tuite@gmail.com
@kaflurbaleen



Impressionist Fingerpaint



Sketch-a-bit





Processing: live demo!



<https://processing.org>

Cool sketching app, made in
Processing

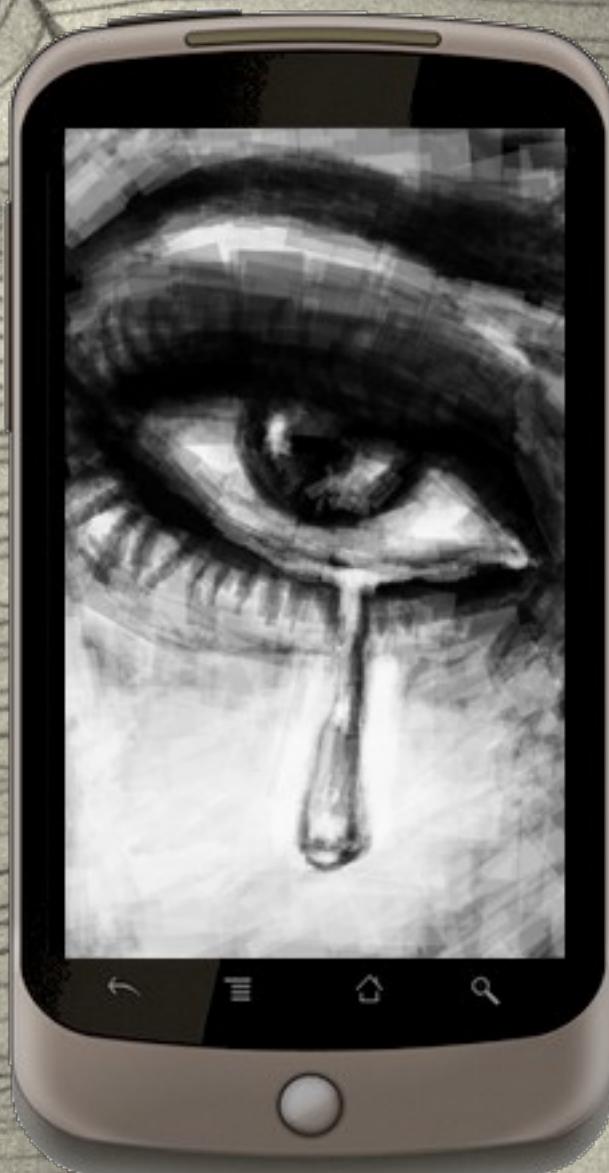
...

Can we make sketching
collaborative?



What should
I draw?





Sketch-a-bit

- Deployed 3.5 years
- 147,349 sketches

Whirlwind tour!

Crowdsourced Art

THE JOHNNY CASH PROJECT

[REGISTER / SIGN IN](#)[Explore](#) | [Contribute](#) | [About](#) | [Credits](#)

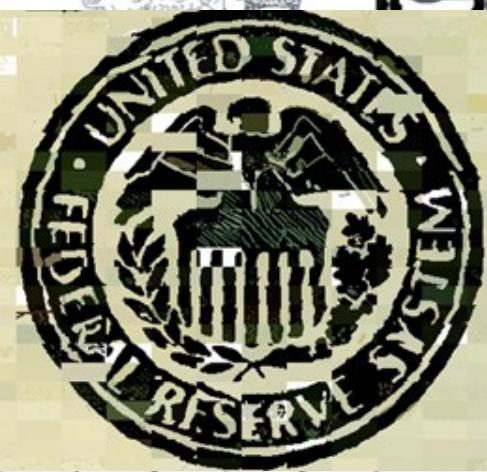
A UNIQUE
COMMUNAL
WORK,
A LIVING
PORTRAIT
OF THE
MAN
IN
BLACK

Through this interactive website, participants may draw their own portrait of Johnny Cash to be integrated into a collective whole. As people all over the world contribute, the project will continue to evolve and grow, one frame at a time.



Submit your drawing to become a part of the new music video for the song "Ain't No Grave". Strung together and relayed in sequence your art, paired with Johnny's haunting song, will become a living, moving, and ever changing portrait of the legendary Man in Black.

[WATCH THE VIDEO](#)[CONTRIBUTE](#)[WATCH THE DOC](#)



**The Sheep Market
Ten Thousand Cents
A Bicycle Built for Two Thousand**
(all by Aaron Koblin)

ERIC WHITACRE

COMPOSER, CONDUCTOR, LECTURER



Blog | Music | About | Merch | Event Calendar | Virtual Choir | Fanzone | EWS | Consortium | Soaring Leap | In The News | Contact

ERIC WHITACRE'S VIRTUAL CHOIR 3 WATER NIGHT

WATCH THE
LAUNCH

Home | Credits | Installations | Stats | Map | Resources | History

22k 450 +1 178 229



3746 videos from 73 countries – launched April 2nd 2012

Virtual Choir 3, 'Water Night', received [3746 videos from 73 countries around the world](#) and launched on April 2nd 2012 at a live event at Lincoln Center, webcast on Lincoln Center Website, and revealed online.

The directors, [Cake](#), developed creative solutions for this volume of material to a brief, working



DIRECTED BY ACADEMY AWARD WINNER

EXECUTIVE PRODUCED BY

FILMED BY

KEVIN MACDONALD RIDLEY SCOTT THE YOUTUBE COMMUNITY



This Exquisite Forest

www.exquisiteforest.com

The Trees | Start a Tree | About | Sign In or Register | Sound On

Mr. Face
mrdob

eyes
ekkieboy

Porte de la Villette
helkarava

CC | Terms | Privacy | made with some friends from Google + TATE MODERN

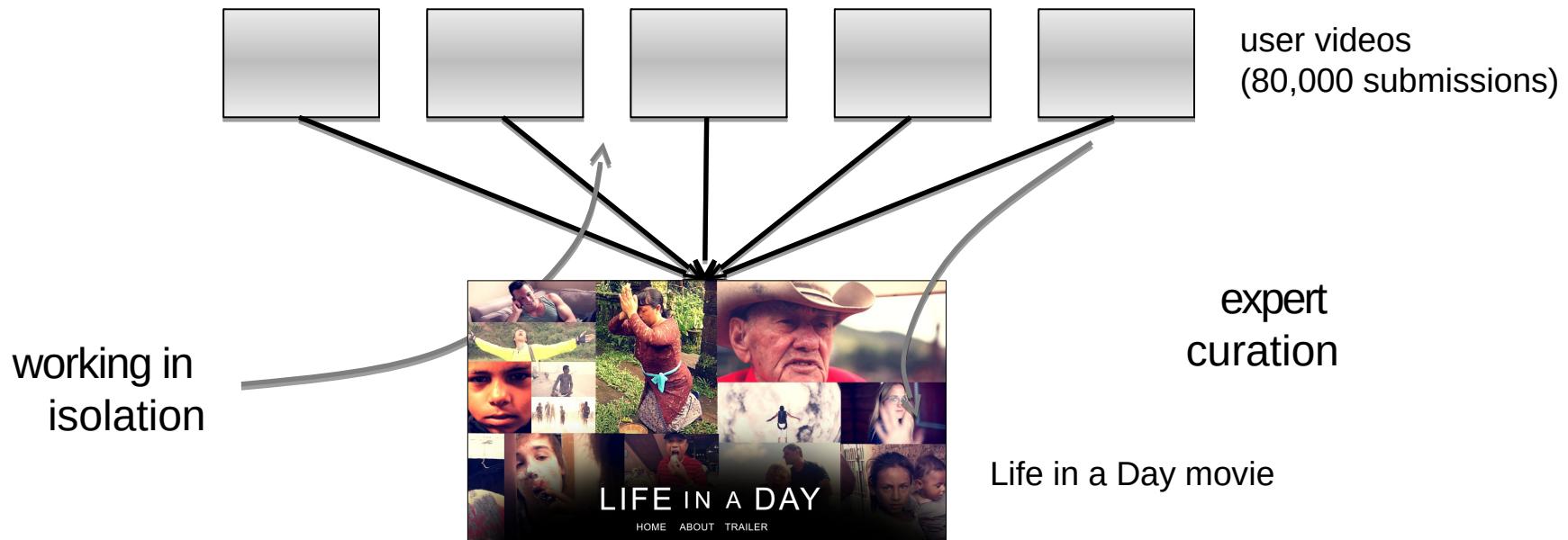
Working together vs. working alone

Models of Collaboration

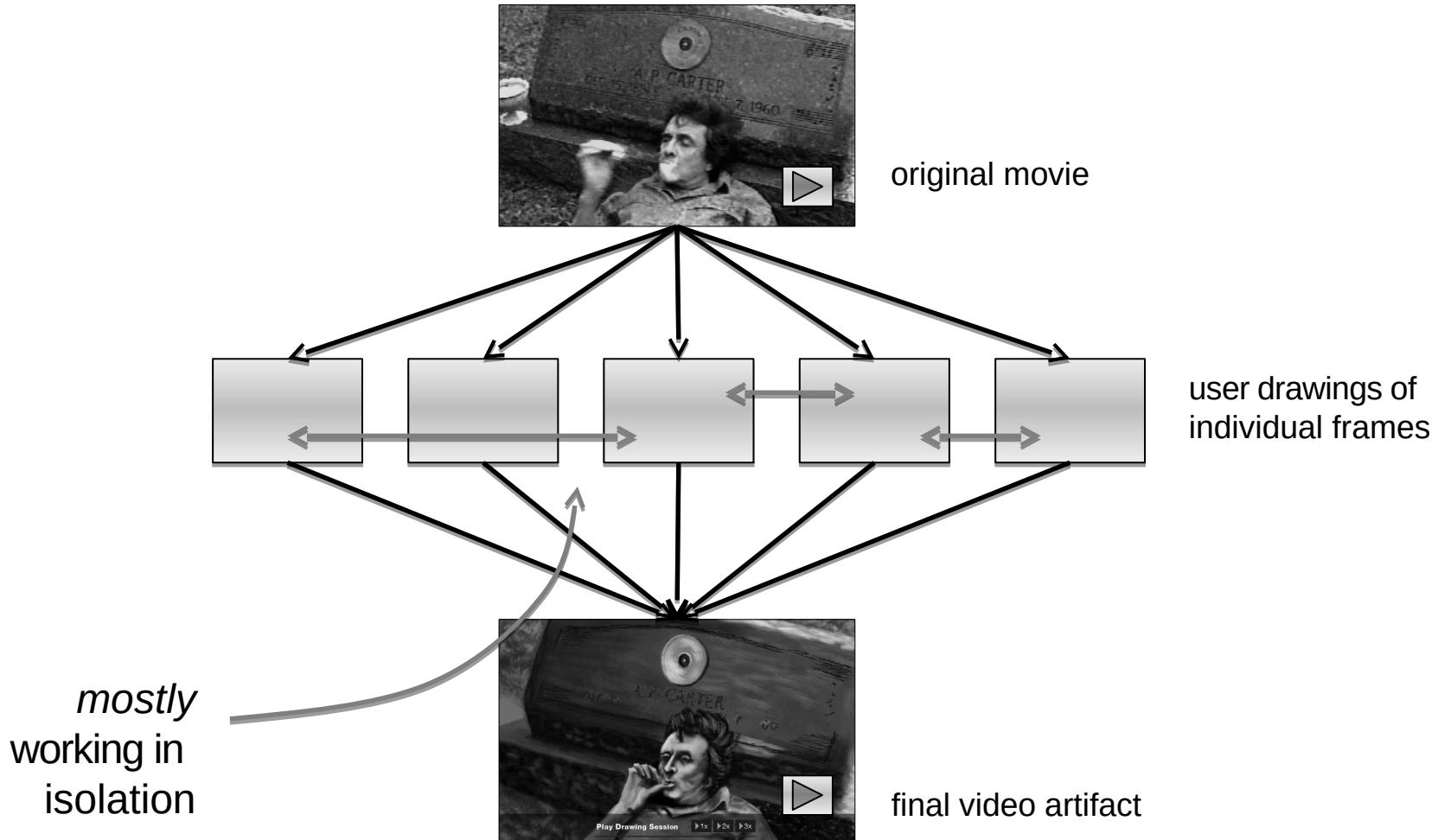
Flat contribution model (v1)

Life in a Day video project:

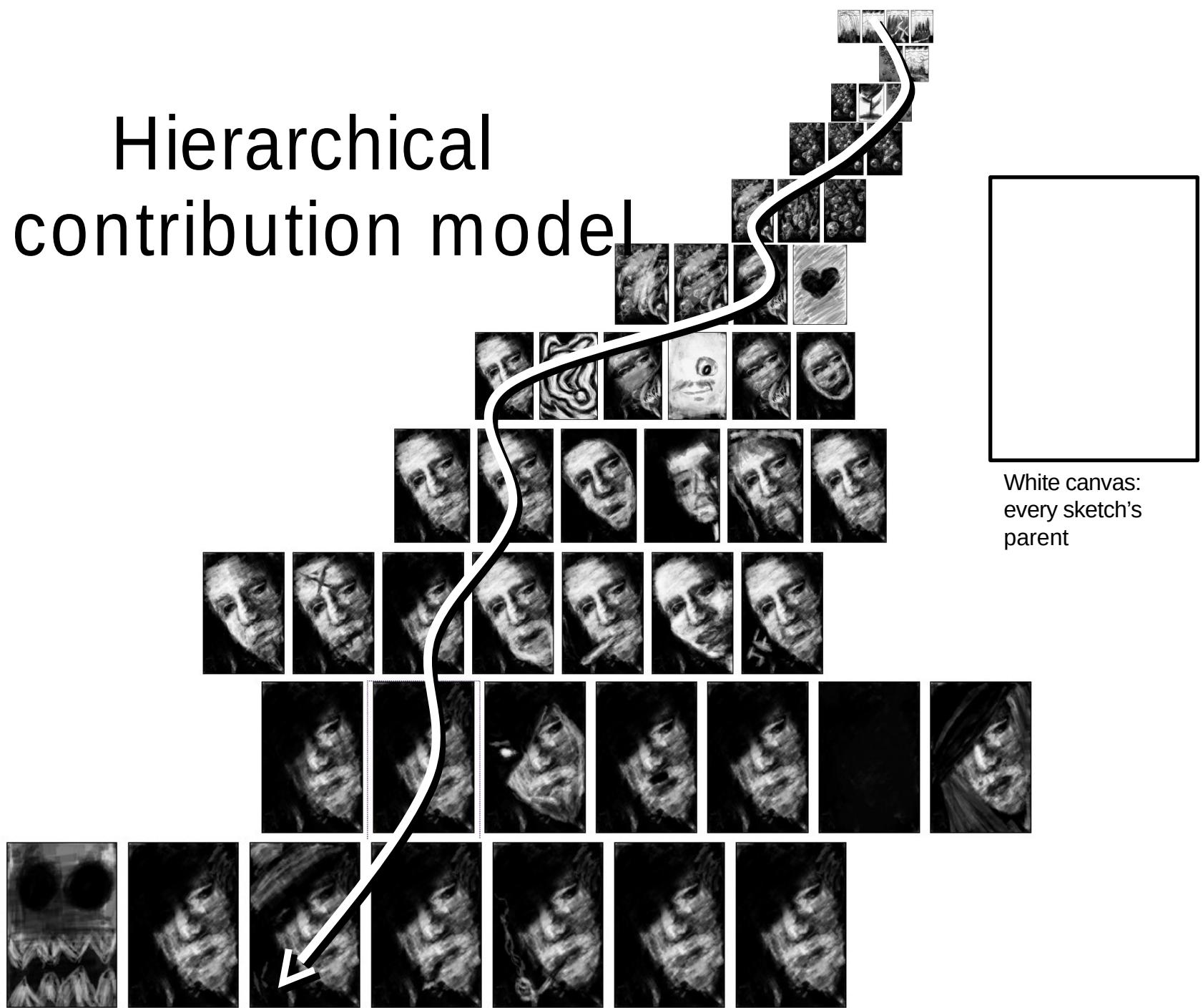
*Capture video from your life on
July 24, 2010!*



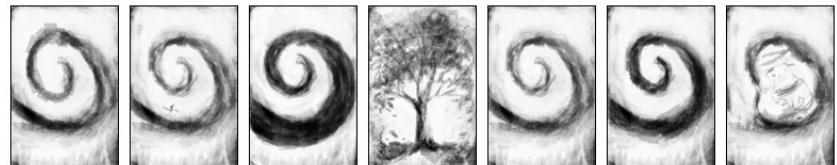
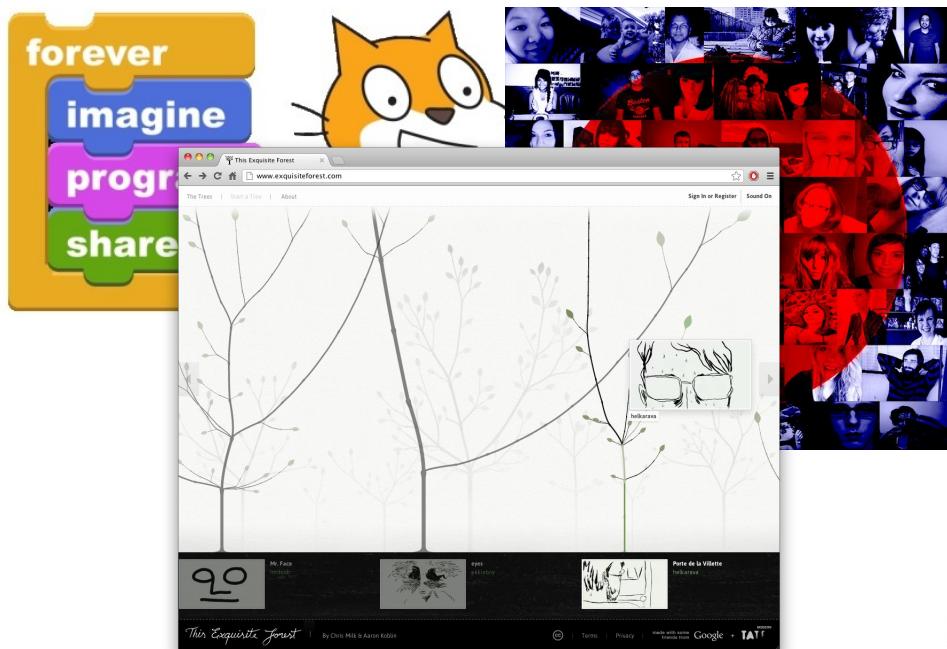
Flat contribution model (v2)



Hierarchical contribution model



Hierarchical contribution model



Sketch-a-bit is minimal

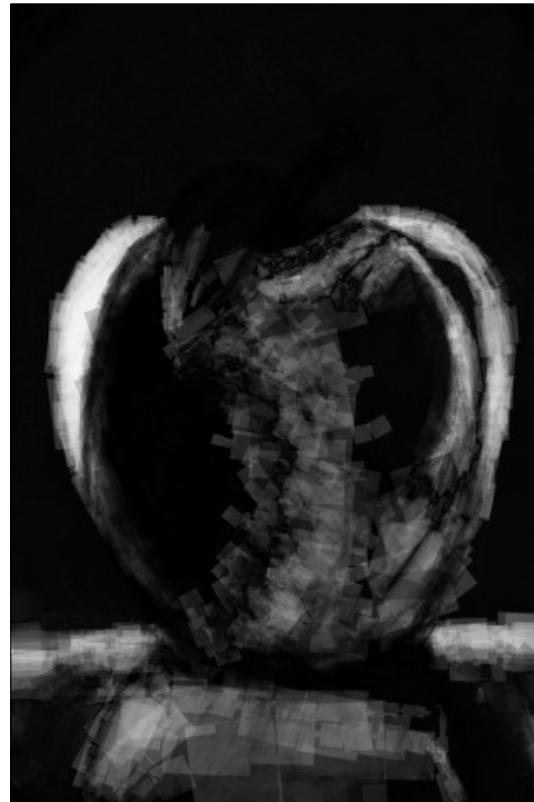
Our Design choices

Collaboration

input



difference



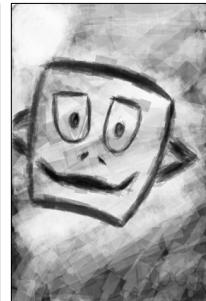
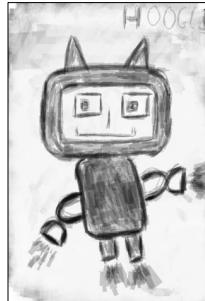
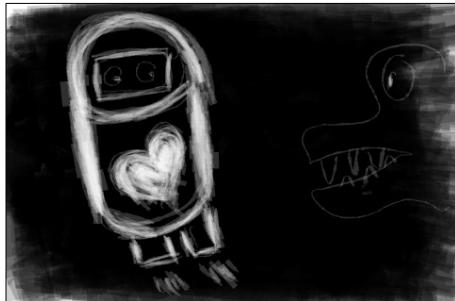
output



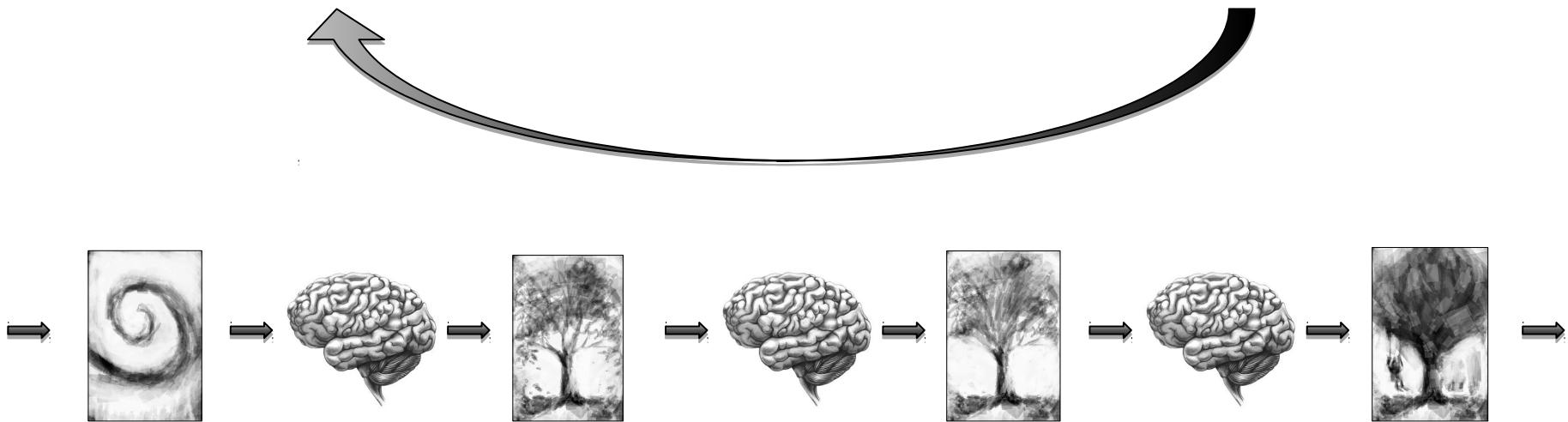
different pixels drawn by different people

Anonymity

- No accounts, signups, logins
- No tracking your drawings
- No identifying the best/worst artists
- No credit, reputation
- No way to find out **who or why?**



Input type == output type



Can't study the humans? We'll study this instead:

The Ecosystem of Sketches

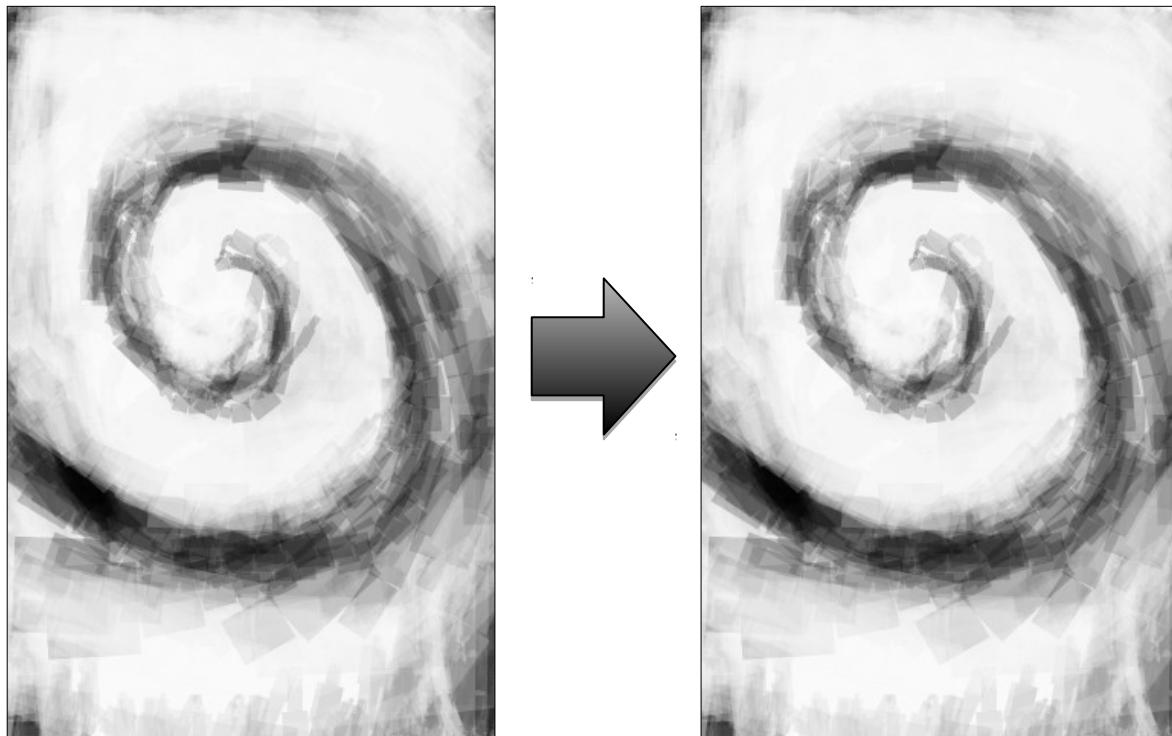
Remixing behavior

- 25% adding/removing/changing detail
- 20% duplicating
- 17% unrelated new image
- 13% refining
- 9% reworking
- 7% reimagining
- 6% new image on blank canvas
- 3% scribbling
- 1% preparing a blank canvas

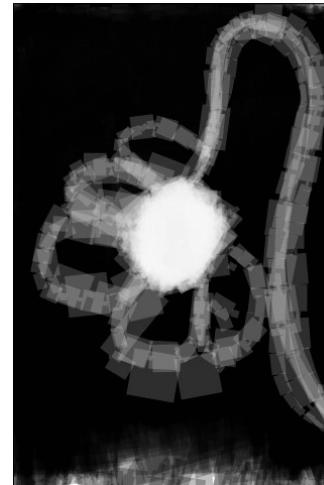
Adding/removing/changing detail



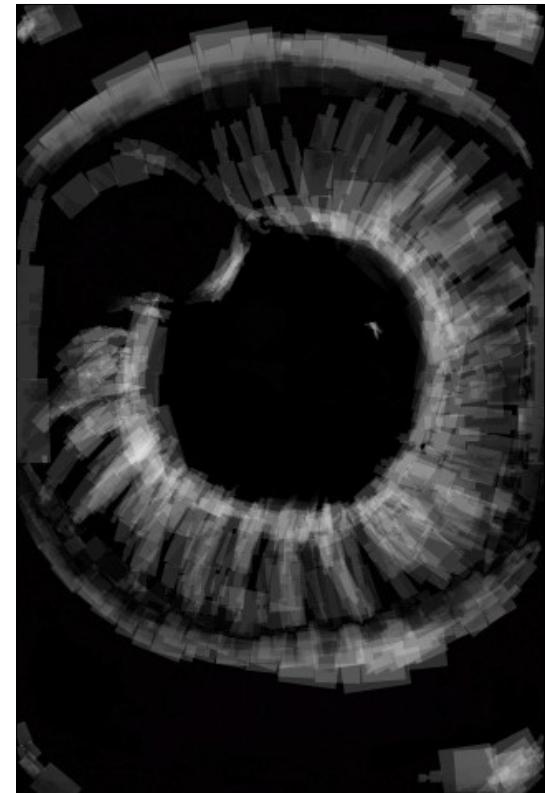
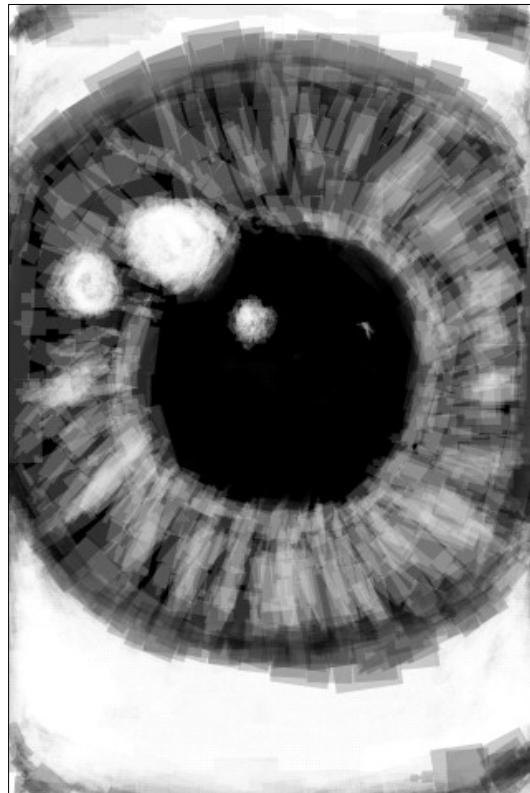
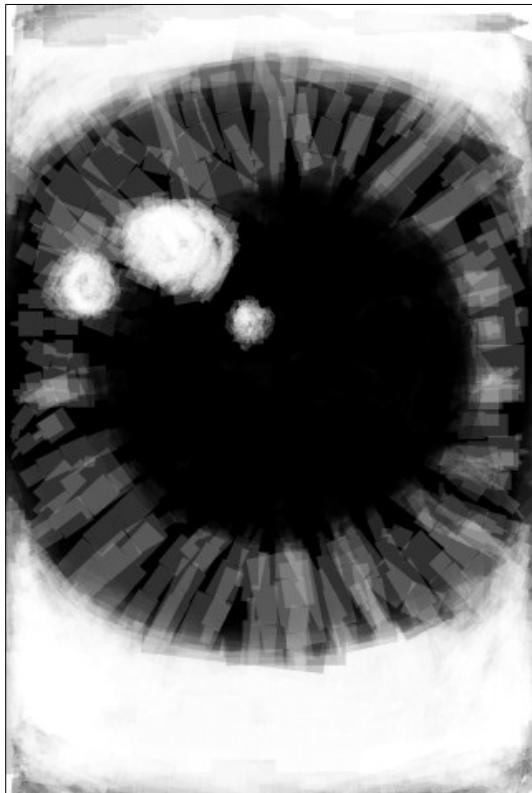
Duplicating



Drawing an unrelated picture



Refining

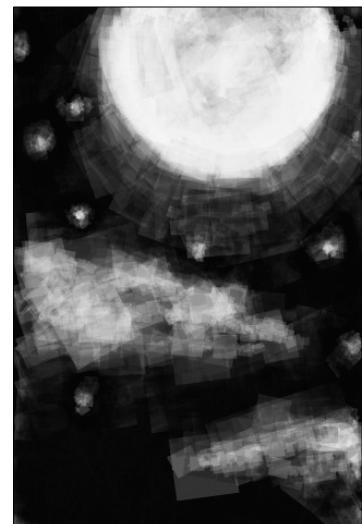
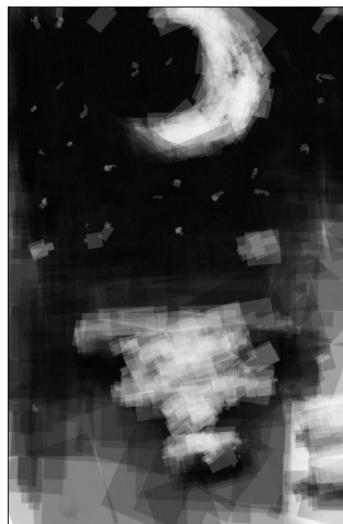
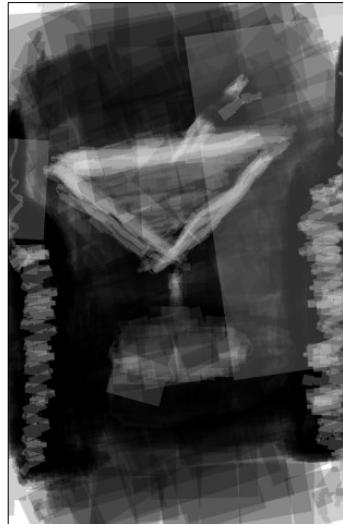


difference image

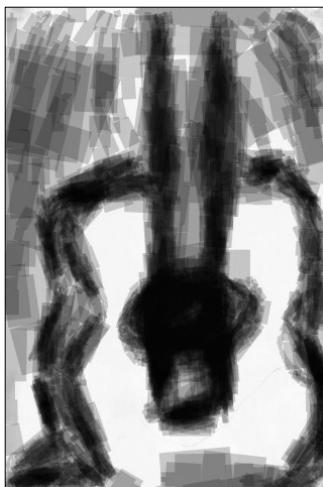
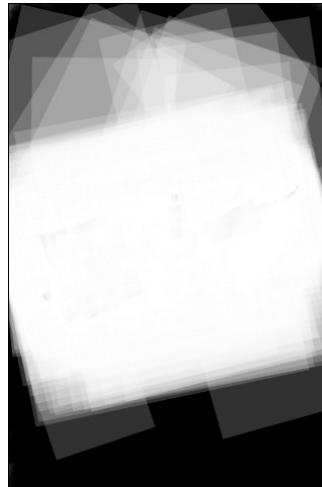
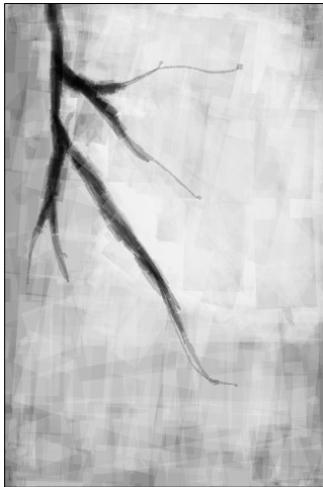
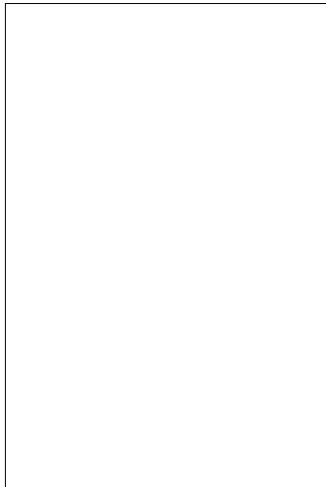
Reworking



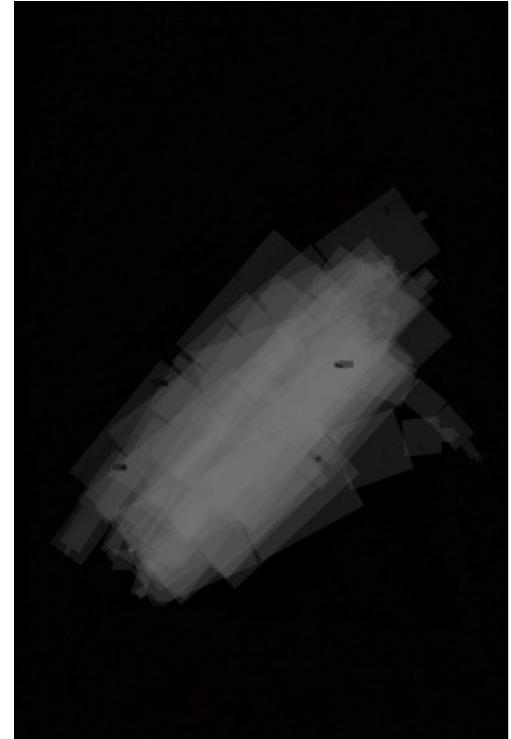
Reimagining



Drawing on a blank canvas



Scribbling

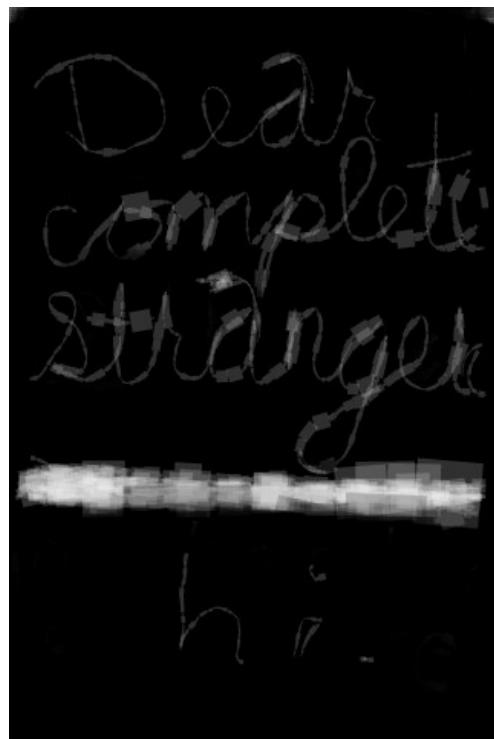


difference image

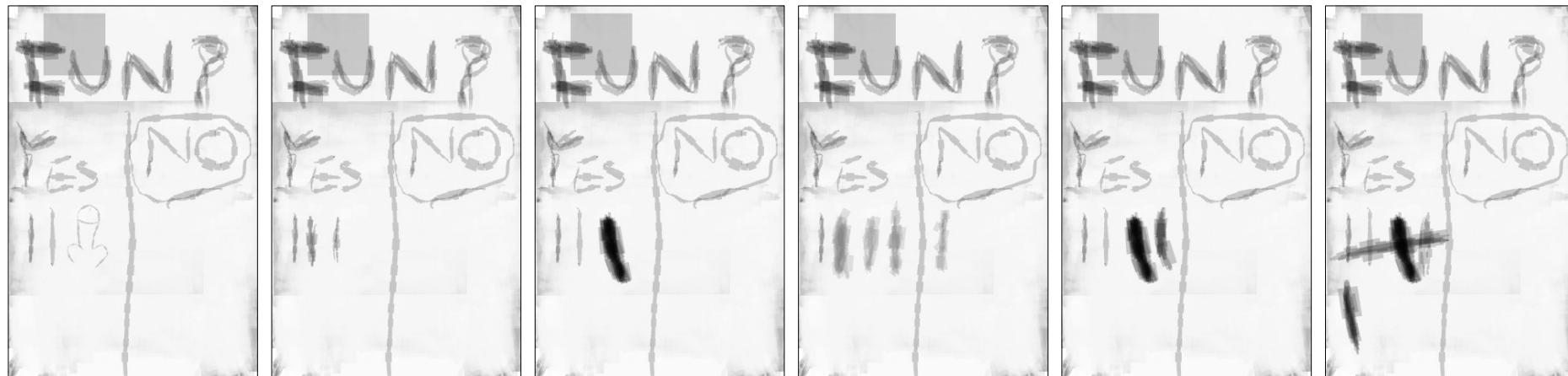
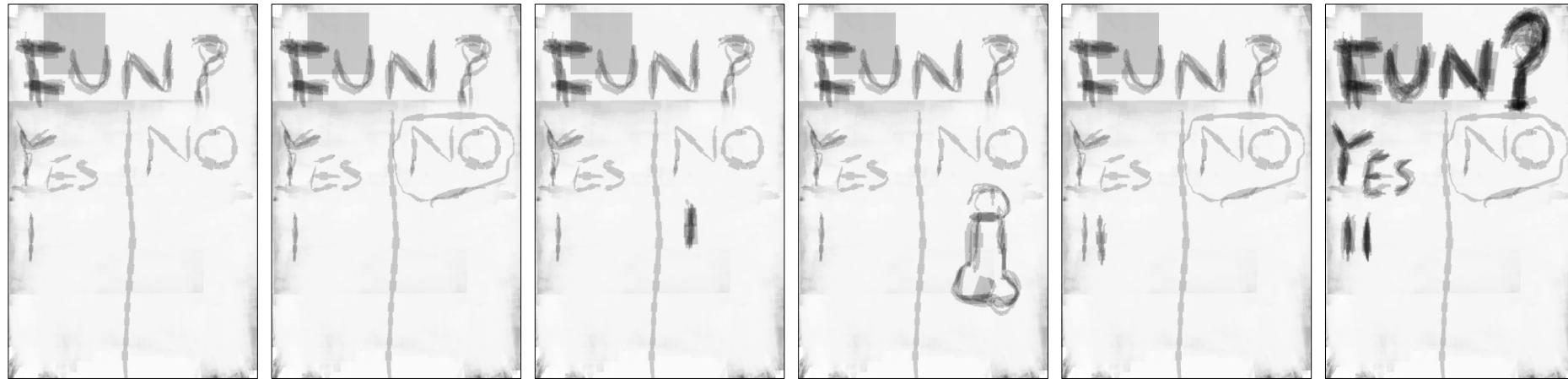
Preparing a blank canvas



Seeking communication



Seeking communication



Discussion of controversial topics

THERE
IS
NO
GOOD

THERE
IS
NO
FOOD

THERE
IS
A
GOO

WHO
cares

THERE
IS
really
GOOD

God +
is
Within
OBAMA

The Force
is
Within
you

The HELL
GHOST
is
Within
your
TEMPLE

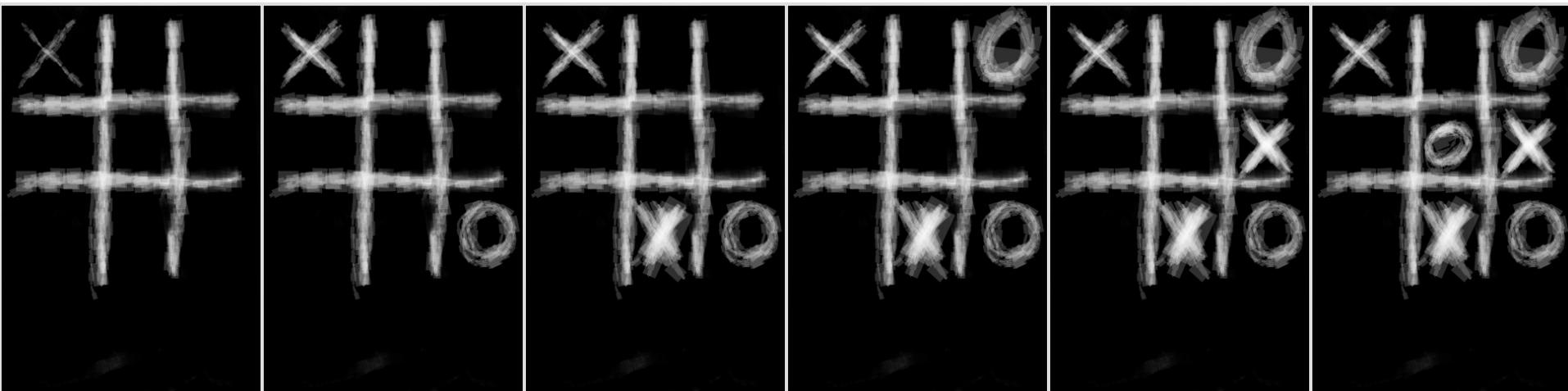
God +
Wishes
He Was
IN U

SATAN
is
Within
you

God
is
Without
you

God +
is
Within
you

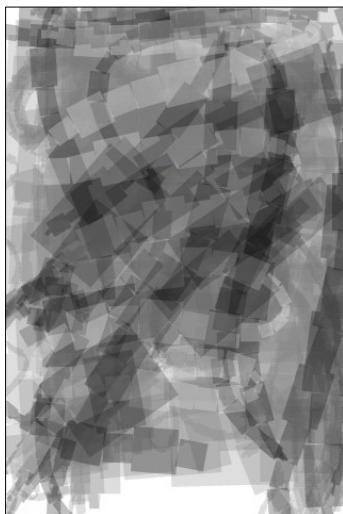
Structured play



Structured play



Artistic collaboration



Design for deep chains.

Let inspiration flow and creative
chains grow!

Thanks!



processing.org
github.com/ktuite



Impressionist Fingerpaint
Kathleen Tuite and Adam Smith - August 3, 2012
Photography

Installed

This app is compatible with all of your devices.

★★★★★ (54)



Sketch-a-bit 2
Kathleen Tuite - December 8, 2012
Media & Video

Installed

This app is compatible with all of your devices.

★★★★★ (81)

(Processing code on github)

(Android code on github)