

FANTASTIC FORGERIES

MINOR DIGITAL CRAFT

by REMY KONINGS

introduction

the coming slides provide an inside on the thoughts and creation of my

COPY

and translates that idea in the making of a

TRANSFORMATION

COPY

OF THE NAUTILUS BEAKER

the nautilus beaker has been my chosen object due to its appearance and history.

due to the assignment “stealing from the museum”, i found out that the meaning of the object, although it was old, was still very much relevant in our current timeperiod.

story telling through words, imagery or other rich media has grown exponentially since the internet connected people and their opinions.



nautilus beaker

concept

ORIGINAL

the nautilus beaker is a carefully crafted object without any practical use cases. it visualizes wealth, knowledge and overseas adventures. i believe that this object invites the owner to brag about his experiences. the owner therefor shows power, strengh and status towards it's audience.

NEW

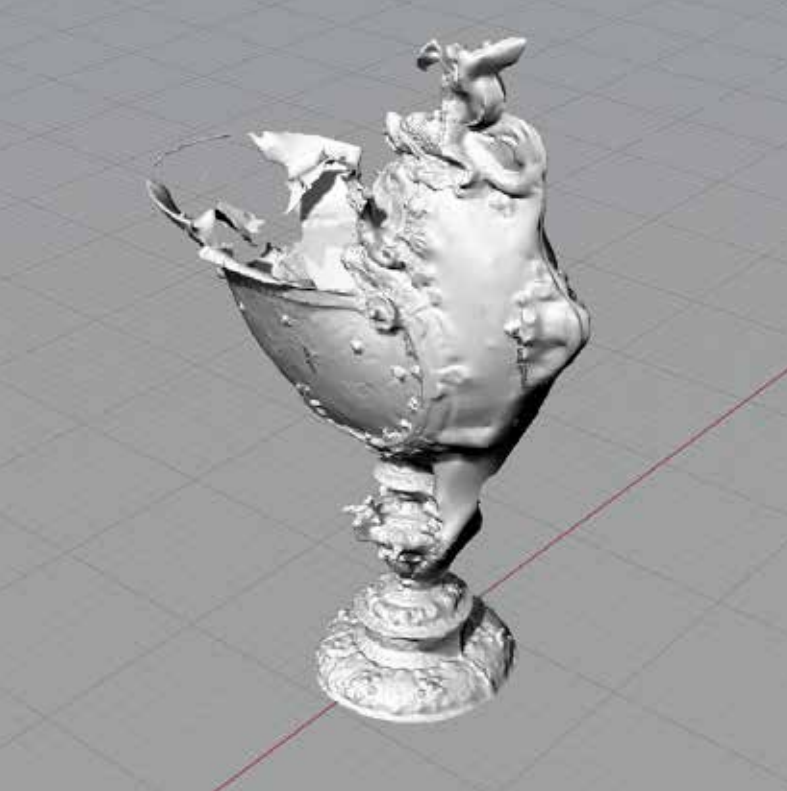
each model represents a story.
the story is being matched to a “big words” database.
it's content is then being visualized by abstract circular ornamentation,
in which the size and the amount reflect the intensity of the story.

research & production

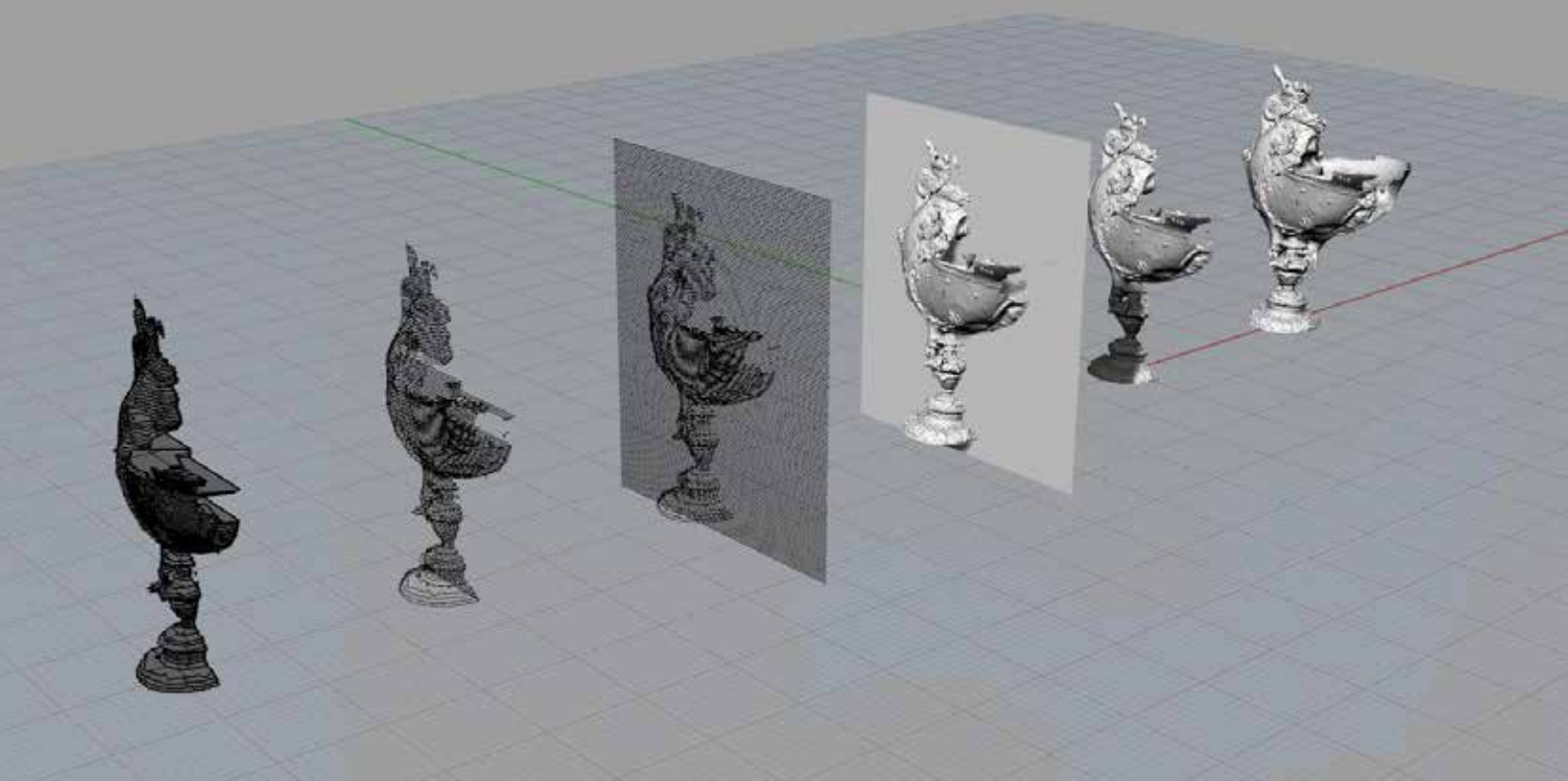
i started by making use of the mobile phone software 123D catch. this allowed me to take up to 80 pictures to make the object as detailed as possible.



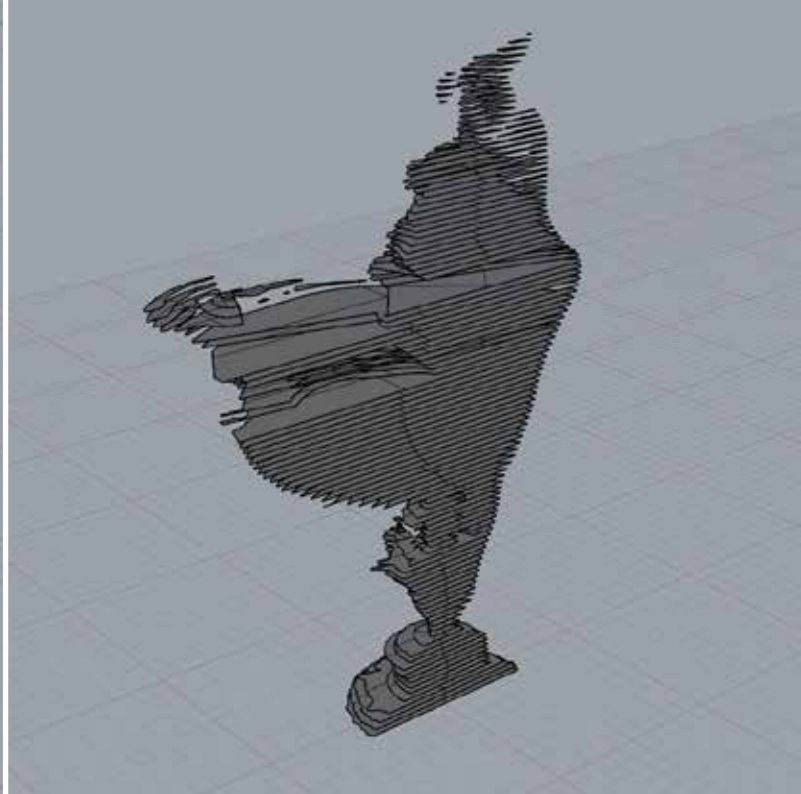
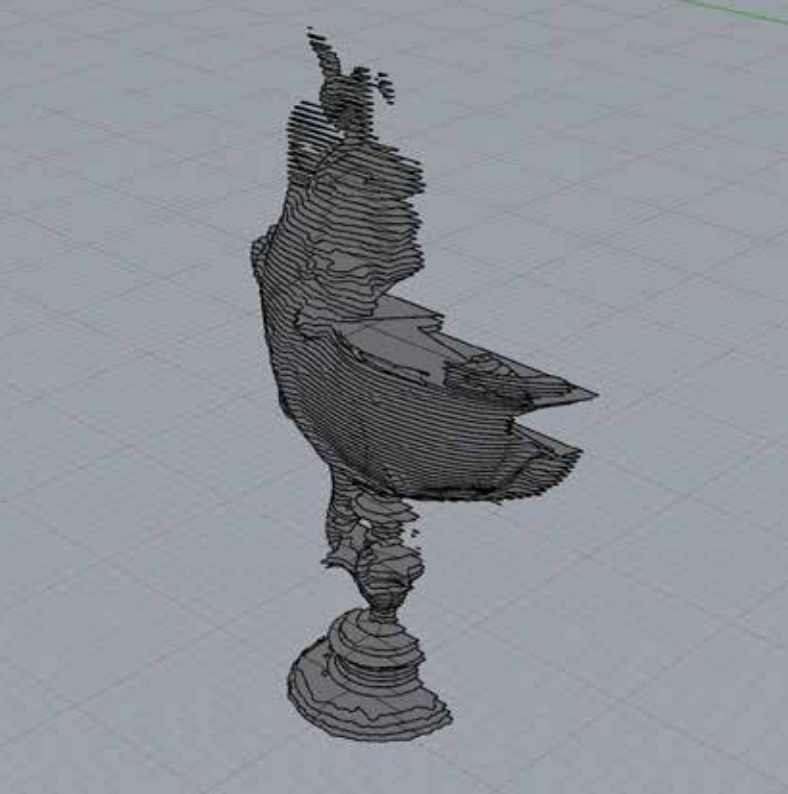
CAPTURING IMAGERY OF THE NAUTILUS BEAKER IN
ORDER TO RENDER A 3D MODEL



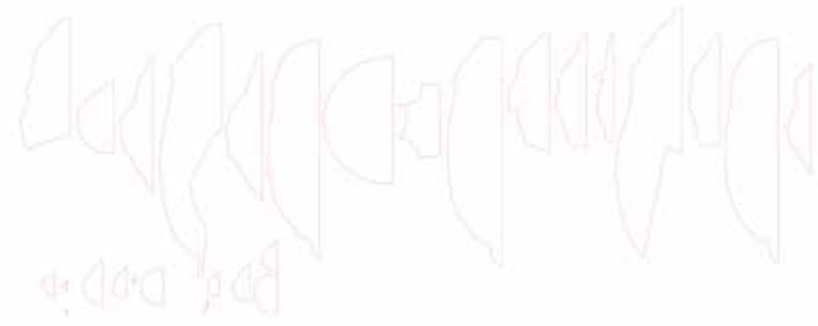
THE SCANNED 3D MODEL WAS NOT ABLE TO CAPTURE EVERY PART
BECAUSE IT WAS SITUATED IN A VITRINE CABINET, FACING
TOWARDS ME WITH ONLY THE FRONT



RHINOCEROS ALLOWED ME TO EDIT AND SCULPTURE THE OBJECT IN DIFFERENT VERSION, MAKING IT USABLE FOR LASERCUTTING



LIKE IT'S POSITION IN THE CABINET AT THE BOYMANS MUSEUM, I TOO BELIEVED THAT IT WAS ONLY NECESSARY TO SHOW THE FIRST HALF BECAUSE THE OTHER HALF WAS EXACTLY THE SAME





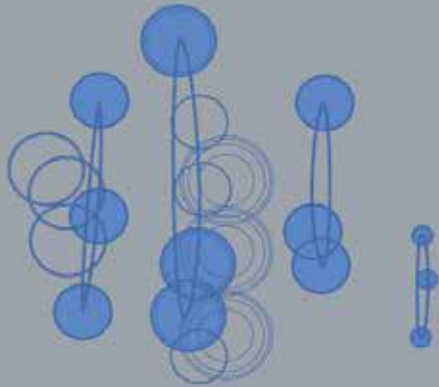
THROUGH
LASERCUTTING,
A MOLD ON
SCALE 1 TO 1
COULD BE
ASSEMBLED

1

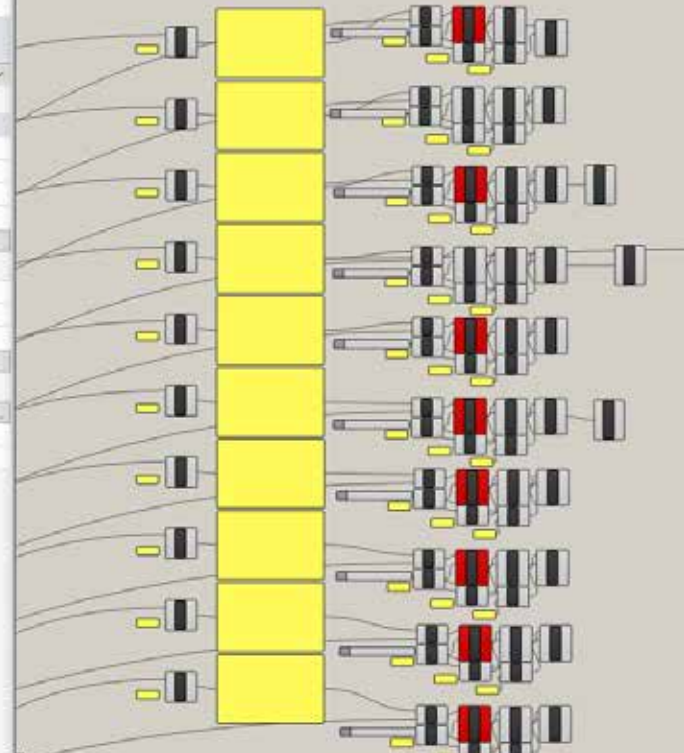


THROUGH
LASERCUTTING,
A MOLD ON
SCALE 1 TO 1
COULD BE
ASSEMBLED

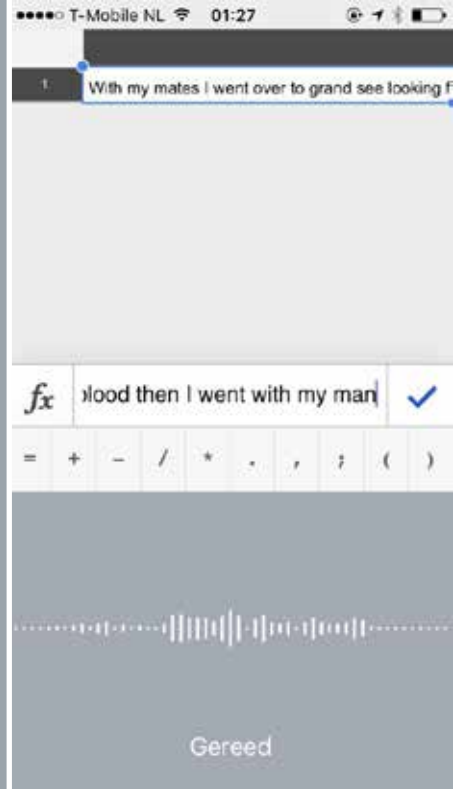
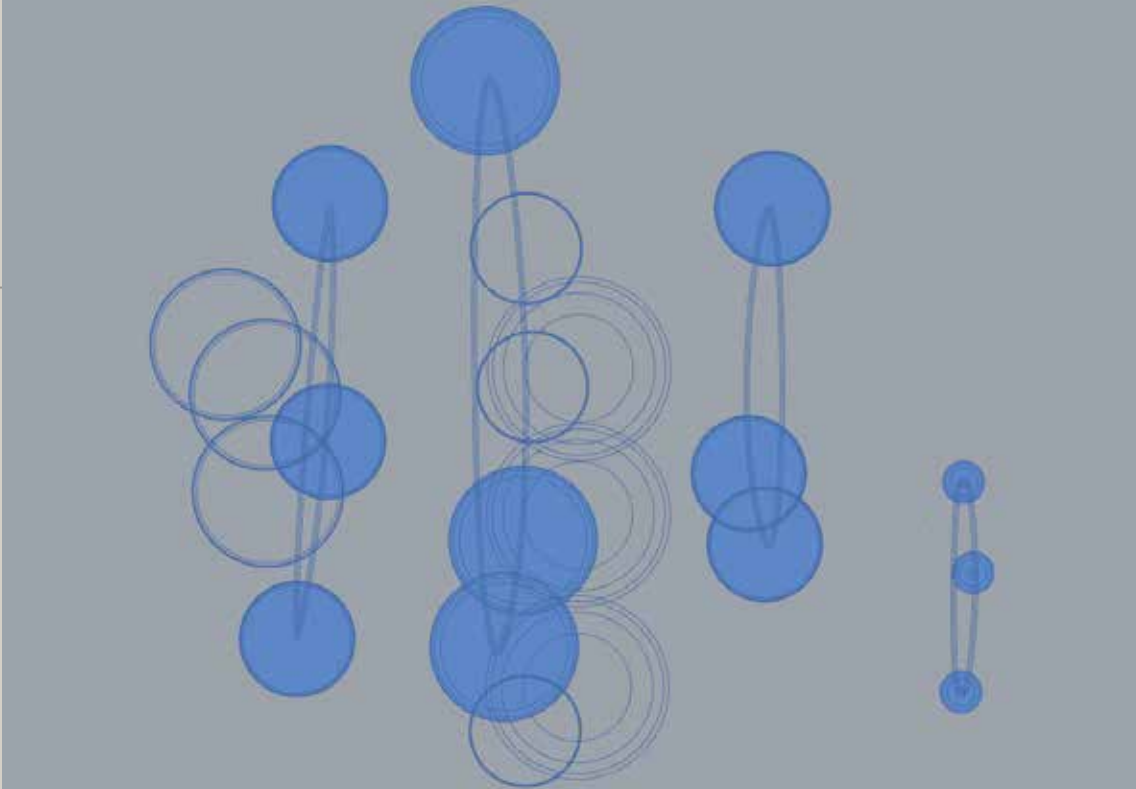
2



Viewport	
Title	Top
Width	696
Height	793
Projection	Parallel
Camera	
Lens Length	50.0
Rotation	90.0
X Location	-6.509
Y Location	-347.761
Z Location	13.790
Location	Place...
Target	
X Target	-6.509
Y Target	-347.761
Z Target	0.074
Location	Place...
Wallpaper	
Filename	(none)
Show	<input checked="" type="checkbox"/>
Gray	<input checked="" type="checkbox"/>



RHINOCEROS IN COMBINATION WITH GRASSHOPPER



VISUALIZING ABSTRACT ORNAMENTATION BY USING SPEECH-TO-TEXT

change of plans

i started the with the idea of creating an interactive object in which by voice you could brag about an experience. After which ornamentation should become visual on an object through a beamer.

i realised that these plans were a little bit to ambitious in order to make a copy, so i simplefied my idea.

i decided to take the two most popular books from amazon.com regarding sea adventures. I compaired these by the database that i had set up.

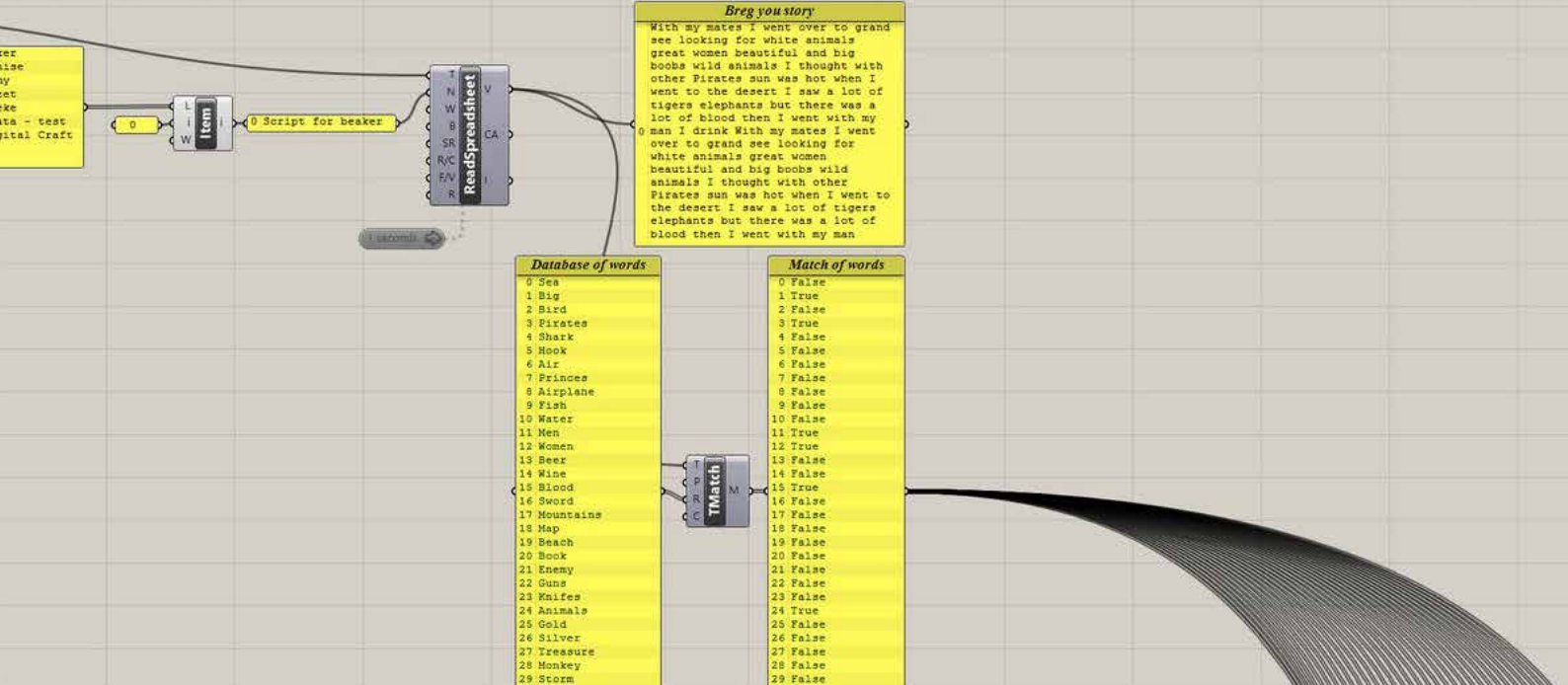
this created two objects, very similar but with subtile changes so the viewer could still see the difference between the two books.

the worst journey in the world

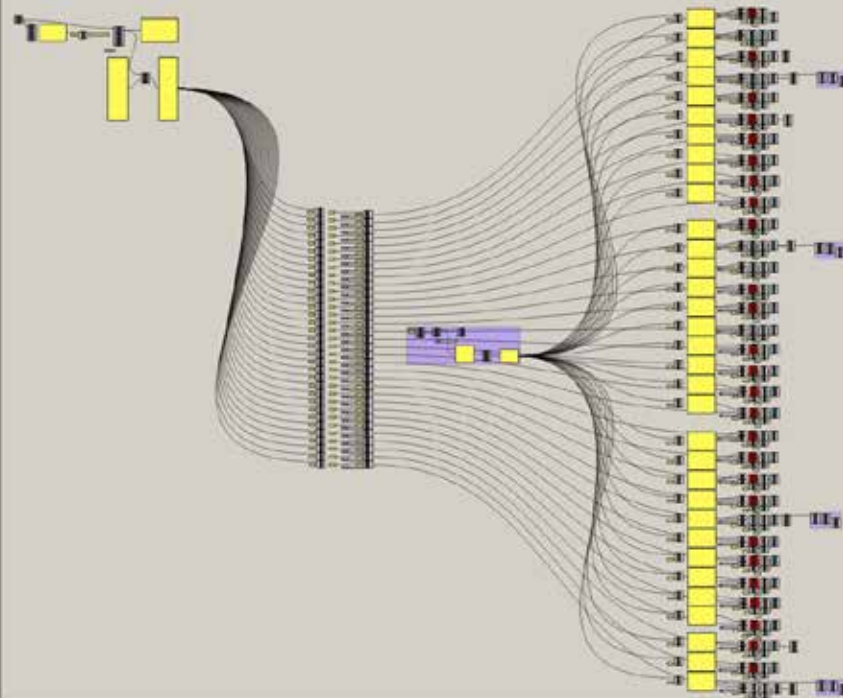
“In 1910 – hoping that the study of penguin eggs would provide an evolutionary link between birds and reptiles - a group of explorers left Cardiff by boat on an expedition to Antarctica. Not all of them would return. Written by one of its survivors, “The Worst Journey in the World” tells the moving and dramatic story of the disastrous expedition.”

the journals of lewis and clark

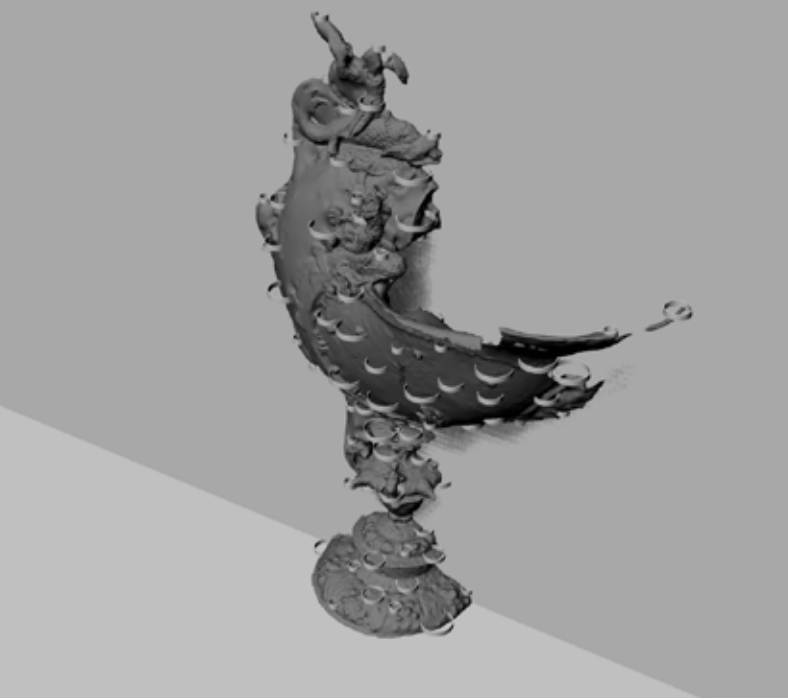
In 1803, the great expanse of the Louisiana Purchase was an empty canvas. Keenly aware that the course of the nation’s destiny lay westward—and that a “Voyage of Discovery” would be necessary to determine the nature of the frontier—President Thomas Jefferson commissioned Meriwether Lewis to lead an expedition from the Missouri River to the northern Pacific coast and back. From 1804 to 1806, accompanied by co-captain William Clark, the Shoshone guide Sacajawea, and thirty-two men, Lewis mapped rivers, traced the principal waterways to the sea, and established the American claim to the territories of Idaho, Washington, and Oregon. Together the captains kept this journal: a richly detailed record of the flora and fauna they sighted, the native tribes they encountered, and the awe-inspiring landscape they traversed, from their base camp near present-day St. Louis to the mouth of the Columbia River, that has become an incomparable contribution to the literature of exploration and the writing of natural history.



A DATABASE OF RELEVANT WORDS
 SCANNING BOTH STORIES, DETERMINING
 WHICH STORIES IS MORE INTENSE

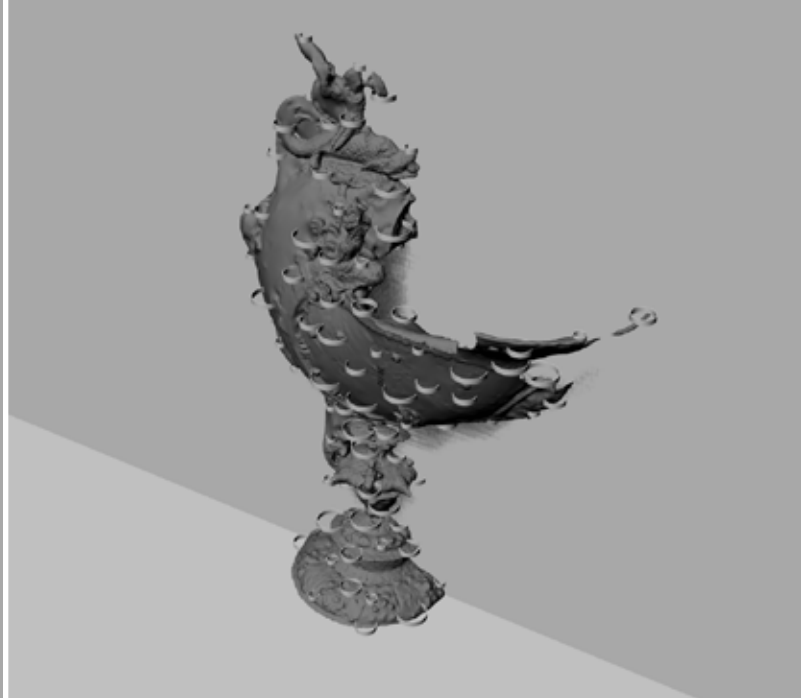


ALL MATCHED WORDS ARE VISUALIZED THROUGH CIRCULAR ORNAMENTATION. MORE CIRCLES MEANS MORE MATCHED WORDS AND THE BIGGER THE CIRCLES ARE THE BIGGER THE WORDS ARE THAT HAVE BEEN USED IN THE STORY



STORY 1

the worst journey in the world



STORY 1

the journals of lewis and clark



THE JOURNAL OF LINDA LEE CLARK
by Linda Lee Clark
Linda Lee Clark is a sculptor and a
writer. She has written several books
and articles about her work. She is
also a member of the National Academy
of Arts and Sciences.



THE WORLD AS A WHOLE
by Linda Lee Clark
Linda Lee Clark is a sculptor and a
writer. She has written several books
and articles about her work. She is
also a member of the National Academy
of Arts and Sciences.

TRANSFORMATION

OF THE NAUTILUS BEAKER

the first assignment, making a copy from our stolen product, was mainly focussed on the stories behind the ornamentation, stories where owners could brag about.

the transformation of the beaker focusses on it's audience. researching an object, reviewing, determining if you like it or not and then judge upon it, is behavior everybody does.

of course, these days, reviewing products, services and opinions happens everywhere, especially in on the internet.

therefor i created an object. a meaningless object which is not supposed to be positive or negative. it supposed to be a general object where people could have a variety of opinions upon.

CarSurvey

2000 Nissan Maxima reviews

- Maxima GL** 535 words
2000 Nissan Maximas need a recall
North America [99 comments](#)
- Maxima gl** 434 words
Caveat emptor aka Buyer Beware!
North America [2 comments](#)
- Maxima SE** 418 words
This car has been a major disappointment to me compared to earlier year models
North America [3 comments](#)
- Maxima GXE** 409 words
Never consider to buy again
North America [1 comment](#)
- Maxima GL** 405 words
North America
- Maxima** 345 words
Nissan needs to resolve issues!
North America [1 comment](#)


craigslist 

<ul style="list-style-type: none"> Thank you for a wonderful item. I have to have dealings again Wonderful before Christmas badge - and as always, many thanks Phil Phil never lets the standard of excellence for Ebay select! Thanks again Very good buyer and very fast pay ***** A***** 	<ul style="list-style-type: none"> Buyer: mccoy21 (5) US \$4,425.00 Buyer: david1911 (5) US \$2,425.00 Buyer: jillings17 (5) US \$200.00 Buyer: mccoy21 (5) US \$80.00
--	--


Price of Best Overall Standard Cardboard Pallet: \$14.99 (US\$191.94)


ebay

Item Reviews


Average Item Review:  (10)


- Reviewed by [Dimitrie Nicos](#) on August 10, 2014

 **India Ultra - Growth Stimulator - Amla + Brahmi Herbal Oil 8 oz.**


 **Super fast shipping. Excellent product!!! I will definitely order from the seller again.**


Posted 10 weeks ago
- Reviewed by [Ego](#) on July 27, 2014

 **India Ultra - Growth Stimulator - Amla + Brahmi Herbal Oil 8 oz**

 **Fast shipping, great product. As hard to look ahead for results yet, but to date, baby to date, Fast to work etc. which is very important. Very happy with the purchase.**

Posted 10 weeks ago
- Reviewed by [Chakrabarti Tapan](#) on June 21, 2014

 **Super Ego - Amla Brahmi Bringraj + Fenugreek and Ayurveda Blend 8 oz.**

 **Excellent great as my hair**

Etsy

ALL COMMENTS (20)

 [Share your thoughts](#)

[Top comments](#)

- [SoulFennell](#) 22 via Google+ 1 week ago

A pep talk from the President to teachers + students. Here's a special thank you to all the educators who have used Kid President in their classrooms to spread creativity and

Together, we're number one

Reply

View all 4 replies
- [Green Harmony](#) 21 via app 1 week ago

An exceptional Link the dots kit

Reply
- [Tahira Ghaffar](#) 20 via app 1 week ago

It is so funny

Reply
- [kayla merrill](#) 19 via app 1 week ago

AMAZING! keep it coming. The best fast good colors on product!
- [Brent Cantell via Google+](#) 18 via app 1 week ago

I love this kit! Another great Kid President video for teachers + students!

Reply

YouTube

Reviews over Hangmat 'Ibiza' Citrus

Weinig ruimte nodig

Prijs-kwaliteit 

Voldoet aan verwachting 

We hebben nog een logeerkamer over en hebben daar een speelkamer van gemaakt voor de kinderen. Nu slaapt onze jongste meer in de hangmat, dan in z'n eigen bed. :-)

24-11-2014 | Richard

 1 review(s) | [Review toevoegen](#)

 **Feedback Company**  **Uitstekend**

MARKTPLAATS.NL



copper

a fully copper object, which could work as a capacitive sensor for interactive purposes was initially my idea.

although i liked the material very much, it turned out to be hard to use.

while shaping this material, i felt like i was the craftsman creating the nautilus beaker in the earlier 1600's.

eventually i went on with an other interpretation of the transformation which felt like a better fit.

etsy

SELL FOR DIGITAL CRAFT

for me, etsy was the idea webshop. I created my own store and published my photos, a description and the necessary payment information to ensure people can actually buy it.

etsy allows me to sell my object and it allows buyers to publish reviews which i can only accept.

buyers are able to write a review once they bought the product, they can rate it by 1 to 5 stars and share the product through social media.

etsy.com


Mijn - Account - Media - Home - Cloud - Favourites - Drivekassa - Personen - Projecten - Competitors - Analyse - Tools - Fans - Bedrijfs -

The Comment Stone by SellForDigitalCraft on Etsy

Etsy Search for items or shops Search

Home Favorites Your shop You Cart

Clothing & Accessories Jewelry Craft Supplies & Tools Weddings Entertainment Home & Living Kids & Baby Vintage

 **SellForDigitalCraft**
Favorite Shop

Listing Tools Edit Review Reports Copy Description Delete All items

Favorite Like this item?
Add it to your favorites to revisit it later.



The Comment Stone

€0.19 EUR plus shipping

Only 1 available

Overview

- Handmade item
- Materials: Popsok, wood
- Only ships within The Netherlands.

Favorite

bron: https://www.etsy.com/listing/253666497/the-comment-stone?ref=shop_home_active_1


etsy.com

Mijn Account Verkeken Mees Cloud Fhroide Ontwikkelaars Projecten Compilatie Analyses Tools Foks Rendering


The Comment Stone by SellForDigitalCraft on Etsy


Etsy Search for items or shops Search Home Favorites Your shop Plus Cart


Clothing & Accessories Jewelry Craft Supplies & Tools Weddings Entertainment Home & Living Kids & Baby Vintage

 **SellForDigitalCraft**
Favorite Shop

Listing Tools Edit Review Favorite Copy Disavivate Deale Store

 **Like this item?**
Add it to your favorites to revisit it later.



 zoom

[Item Details](#) [Shipping & Policies](#)

The Comment Stone



€0.19 EUR [Need Help?](#)
plus shipping




Only 1 available

Overview

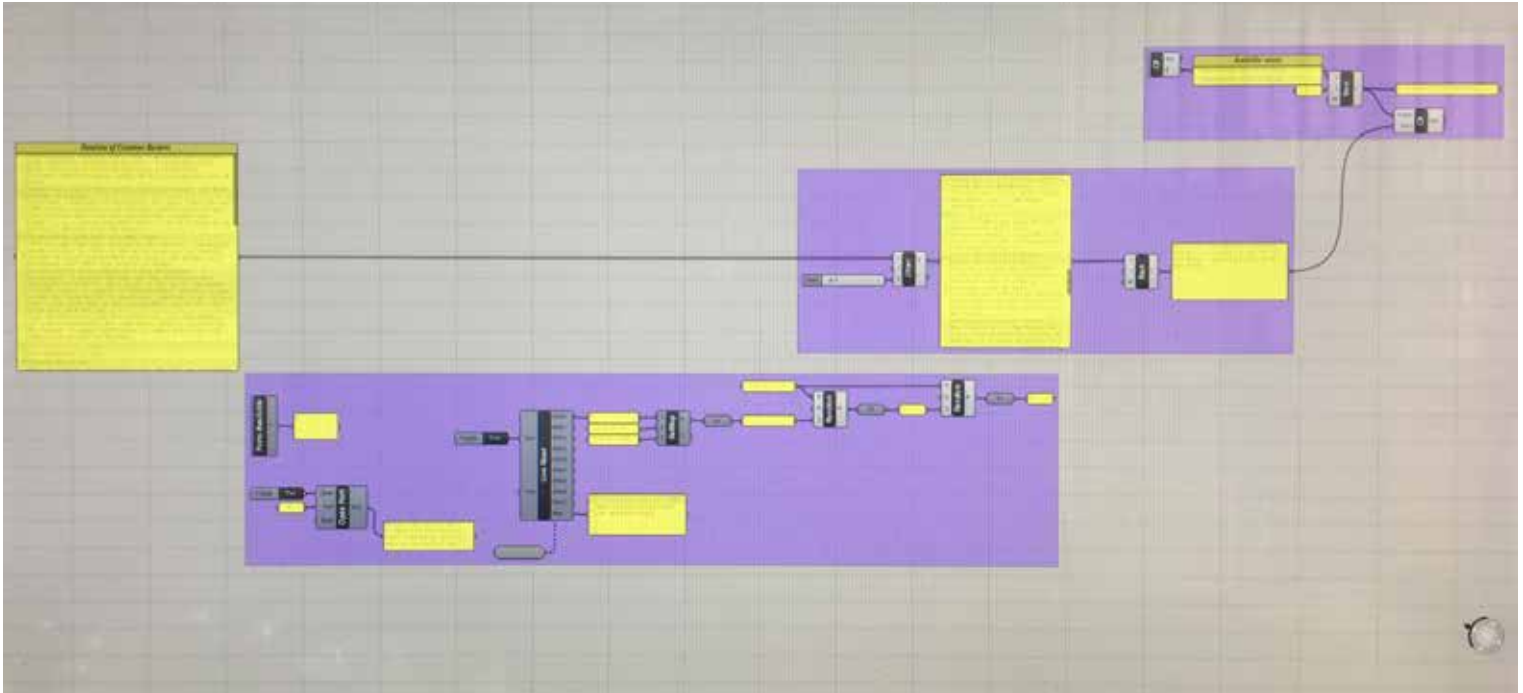
- Handmade item
- Materials: Perspex, wood
- Only ships within The Netherlands

[Add to Cart](#)

 Favorites  Add to -

 Tweet  Share [Facebook](#)  Like

bron: https://www.etsy.com/listing/253666497/the-comment-stone?ref=shop_home_active_1



Firefly_Firmata

/*
Created by Andrew Payne and Jason Kelly Johnson
Latest Update March 25th, 2015.
Copyright 2015 | All Rights Reserved

This Firmata allows you to control an Arduino board from Rhino/Grasshopper/Firefly.
Updates, Questions, Suggestions Visit: <http://www.fireflyexperiments.com>

1. Plug Arduino boards into your USB port; confirm that your Arduino's green power LED is on
2. Select your specific Arduino Board and Serial Port (Tools > Board; Tools > Serial Port) *Take note of your Serial Port COM #
3. Verify (play button) and Upload (upload button) this program to your Arduino, close the Arduino program
4. then open ... Rhino/Grasshopper/Firefly

Note: The Firefly Firmata sets the following pins to perform these functions:

```
***** STANDARD BOARDS (i.e. Uno, Diecimila, Duemilatrece, Lilyypad, Mini, etc.)*****  
ANALOG IN pins 0-5 are set to return values (from 0 to 1023) for analog sensors  
DIGITAL IN pins 2,4,7 will return 0's or 1's; for 3 potential digital sensors (buttons, switches, on/off, true/false, etc.)  
DIGITAL/ANALOG OUT pins 3,5,6,11 (marked with a ~) can be used to digitalWrite, analogWrite, or Servo.write depending on the input status of that Firefly pin  
DIGITAL OUT pins 0,9,10,12,13 can be used to digitalWrite, Servo.write, or analogWrite depending on the input status of that Firefly pin
```

```
***** MEGA BOARD (i.e. ATMEGA1280, ATMEGA2560)*****  
ANALOG IN pins 0-15 will return values (from 0 to 1023) for 16 analog sensors  
DIGITAL IN pins 22-31 will return 0's or 1's; for digital sensors (buttons, switches, on/off, true/false, etc.)  
DIGITAL/ANALOG OUT pins 2-11 can be used to digitalWrite, analogWrite, or Servo.write depending on the input status of that Firefly pin  
DIGITAL OUT pins 30-53 can be used to digitalWrite, Servo.write, or analogWrite depending on the input status of that Firefly pin
```

```
***** LEONARDO BOARD*****  
ANALOG IN pins 0-5 are set to return values (from 0 to 1023) for analog sensors  
DIGITAL IN pins 2,4,7 will return 0's or 1's; for 3 potential digital sensors (buttons, switches, on/off, true/false, etc.)  
DIGITAL/ANALOG OUT pins 3,5,6,11 (marked with a ~) can be used to digitalWrite, analogWrite, or Servo.write depending on the input status of that Firefly pin  
DIGITAL OUT pins 0,9,10,12,13 can be used to digitalWrite, Servo.write, or analogWrite depending on the input status of that Firefly pin
```

```
***** DUE BOARD (i.e. SAM328E)*****  
ANALOG IN pins 0-11 will return values (from 0 to 4095) for 12 analog sensors  
DIGITAL IN pins 22-31 will return 0's or 1's; for digital sensors (buttons, switches, on/off, true/false, etc.)  
DIGITAL/ANALOG OUT pins 2-11 can be used to digitalWrite, analogWrite, or Servo.write depending on the input status of that Firefly pin  
DIGITAL OUT pins 30-53 can be used to digitalWrite, Servo.write, or analogWrite depending on the input status of that Firefly pin  
DACB and DACL can be used to output an analog voltage on those pins (only available on DUE boards)
```

```
*/  
  
#include <Servo.h> // attach Servo library (http://www.arduino.cc/pin/guide/componentLib/Servo)  
#include <pins_arduino.h> // attach arduino pin header file to determine which board type is being used  
  
#define BAUDRATE 115200 // set the baud rate to an appropriate speed  
#define BUFFSIZE 512 // buffer size command at a time
```

```
/*-----  
* GLOBAL VARIABLES  
*-----  
  
char buffer[BUFFSIZE]; // declare buffer  
uint8_t bufferIdx = 0; // a type of unsigned integer of  
char *paramptr;  
char buffIdx;
```



the comment stone

the comment stone is a meaningless object which is not supposed to be positive or negative. it supposed to be a general object where people could have a variety of opinions upon.

it's made out of wood and perspex. incorporated in the design is a photocell which messures the incomming light.

all the comments that buyers leave behind on my etsy webshop, which be crossreferenced with the data i collect from the photocell.

once you pick up the “stone” every comment and review will be spoken out, making you part of the review.

THE COMMENT STONE



PICK ME UP

