InfoVis Art Exhibit

Fernanda Viégas
Martin Wattenberg
Andrew Vande Moere
Hierarchical Edge Bundles

Holten, this year!
visualization & contemporary art
Homes for Sale

Jason Salavon

109 Homes for Sale, Seattle/Tacoma
117 Homes for Sale, Chicagoland
124 Homes for Sale, The 5 Boroughs

121 Homes for Sale, LA/Orange County
114 Homes for Sale, Dallas/Ft. Worth Metroplex
112 Homes for Sale, Miami-Dade County
Every Playboy Centerfold, The Decades

Jason Salavon
The Top Grossing Film of All Time

Jason Salavon
the of and to a in that it is was for on you help with by have the for this from among my be
art
tled
production
various
understand

623  624  625  626  627
They Rule

Josh On
visualcomplexity

Manuel Lima
DNA 11 creates personalized and original abstract art from a sample of your DNA or fingerprints. Each piece is as unique as you. Personal, Beautiful. Absolutely one-of-a-kind. Modern masterpieces that are truly the timeless portraits of this millennium. Create your own.
platforms
Processing is an open source programming language and environment for people who want to program images, animation, and sound. It is used by students, artists, designers, architects, researchers, and hobbyists for learning, prototyping, and production. It is created to teach fundamentals of computer programming within a visual context and to serve as a software sketchbook and professional production tool. Processing is developed by artists and designers as an alternative to proprietary software tools in the same domain.

The beta software for Processing 1.0 was released 20 April 2005 and can be downloaded here. Bug fixes are being made as we head toward the 1.0 release. Processing is free to download and available for GNU/Linux, Mac OS X, and Windows. Please help in releasing version 1.0!

Processing is an open project initiated by Ben Fry (Broad Institute) and Casey Reas (UCLA Design | Media Arts). Processing evolved from ideas explored in the Aesthetics and Computation Group at the MIT Media Lab.

Please visit our subdomains:

http://dev.processing.org/
Information about contributing code and expertise to the Processing software. Includes bug tracking and instructions for
Revisionist

Ben Fry
Valence

Ben Fry
Some of science’s most powerful statements are not made in words. From the diagrams of DaVinci to Hooke’s microscopic beasties, the beaks of Darwin’s finches, Rosalind Franklin’s X-rays or the latest photographic marvels retrieved from the remotest galactic outback, visualization of research has a long and literally illustrous history. To illustrate is, etymologically and actually, to enlighten.

You can do science without graphics. But it’s very difficult to communicate it in the absence of pictures. Indeed, some insights can only be made widely comprehensible as images. How many people would have heard of fractal geometry or the double helix or solar flares or synoptic morphology or the cosmic microwave background if they had been described solely in words?

To the general public, whose support sustains the global research enterprise, these and scores of other indispensable concepts exist chiefly as images. They become part of the essential iconic lexicon. And they serve as a source of excitement and motivation for the next generation of researchers.

The National Science Foundation (NSF) and Science created the Science and Engineering Visualization Challenge to celebrate that grand tradition—and to encourage its continued growth. In a world where science literacy is dismally rare, illustrations provide the most immediate and influential connection between scientists and other citizens, and the best hope for nurturing popular interest. Indeed, they are now a necessity for public understanding of research developments: In an increasingly graphics-oriented culture, where people acquire the majority of their news from TV and the World Wide Web, a story without a vivid and intriguing image is often no story at all.

We urge you and your colleagues to contribute to the next competition and to join us in congratulating the winners.

Flight Patterns

Aaron Koblin
Carnivore is a surveillance tool for data networks. At the heart of the project is CarnivorePE, a software application that listens to all Internet traffic (email, web surfing, etc.) on a specific local network. Next, CarnivorePE serves this data stream to interfaces called "clients." These clients are designed to analyze, diagnose, or interpret the network traffic in various ways. Use CarnivorePE to run Carnivore clients from your own desktop, or use it to make your own clients.

"Conceptually sharp, visually compelling and completely attuned to the political moment"
— The New York Times

*POLICE STATE*-A CARNIVORE CLIENT BY JONAH BRUCKER-COHEN
Amalgamatmosphere

Joshua Davis et al.
Black and White

Mark Napier
10:48:50
England 3-0 Denmark
BBC 1
15.06.2002
33" x 24" £300
Edition of 20

15:09:41
Ylivieska
Finland
21.12.2003
33" x 24" £300
Edition of 20

22.22.17
Big Brother
Channel 4
12.5.2002

The Last Clock
Jussi Ängeslevä
Ross Cooper
Mirrr

Sascha Pohflepp
“Database Aesthetics”

The Language of New Media

Lev Manovich
Class Syllabus

Golan Levin

Information Visualization as Artistic Practice
Carnegie-Mellon University, Department of Art
Professor Golan Levin, Spring 2004

Topics:
- Overview
  - Why information visualization?
  - What are good information visualizations?
  - What is worth visualizing?
- Subject Matter
  - Subject: The Personal
  - Subject: The Sociopolitical
  - Subject: The Information World
  - Upload & User-Capture
  - Proceduralization
- Information Design: Forms of Visualizations
  - Maps
    - Time Series & Diagrams
    - Networks: Graphs and Trees
    - Collections & 'Small Multiples'
    - Visual Databases & Corpora
    - Holists
- Design for Interaction
  - Focus + Context Techniques
  - Zooming, Sorting, Filtering, Querying
- Technical Lectures:
  - Automated data-stripping with Perl
  - Graphing datasets with Java
  - Generating high-resolution prints with Postscript

Course Calendar, Spring 2004.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 13T</td>
<td>Lecture/Discussion</td>
<td>Overview</td>
</tr>
<tr>
<td>Jan 15R</td>
<td>DUE: Examples</td>
<td>PDF/FTP</td>
</tr>
<tr>
<td>Jan 20T</td>
<td>Lecture/Discussion</td>
<td>Maps</td>
</tr>
<tr>
<td>Jan 22R</td>
<td>Exercise/Work</td>
<td>Crit/Perl</td>
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<td>Jan 27T</td>
<td>Lecture/Discussion</td>
<td>Small/Data</td>
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<tr>
<td>Jan 29R</td>
<td>DUE: Maps</td>
<td>Stripping</td>
</tr>
<tr>
<td>Feb 3T</td>
<td>Lecture/Discussion</td>
<td>Small/Multiples; Holists</td>
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<tr>
<td>Feb 5R</td>
<td>No class</td>
<td>Upload</td>
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<tr>
<td>Feb 8R</td>
<td>DUE: Data Stripping</td>
<td></td>
</tr>
</tbody>
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Referenced Projects

Maps
- Napoleon's March (Tufts)
- Earth at Night (NASA)
- Learning From Las Vegas (Robert Venturi)
- Life in Los Angeles (Eugene Turner)
- Mappa del Mondo (Alighiero & Boetti)
- Town of Mayberry, NC. (Mark Bennett)
- Boeing Heights Newsletter Map (Denis Wood)
- Boeing Heights Parking Map (Denis Wood)
- Mt. Fuji Walking Map (Masaki Fujita)
- How Bumpy are NYC Streets? (FCNY)
- Elvis Cartograms
- Aspen Movie Map (Michael Naimark)
- Wozzid (Dietmar Offenhuber)
- Apartment (Martin Wattenberg)
- Every 1.1 (Lisa Jebratt)
- Zippy.com (Ben Fry)
- Ads (Golan Levin)
- New York City Unfurled
- A tale of Economy, Politics
- Ittrack (NASA)

Time Series
- New York Subway Lines (Spect)
- Shape of Song (Martin Wattenberg)
- Machine Shop Usage Patterns (Ben Fry)
- One Line (Olaf Maeda)
- MoodBlaze (R10K)
- Last Clock (Ross Cooper and Jussi Angesleva)
- Zeitgeist (Google)

Diagrams
- Starfield Displays (Bon Schneiderman)
- Map of the Market (Martin Wattenberg)
- Secret Lives of Numbers (Golan Levin)

Networks
- They Rule (Josh On)
- September 11 Terror Network (Vadis Krebs)
- Mark Lombardi's works
- Conversation Map (Warren Sack)
- Lumenet Web Map (Bill Cheswick)
- Atlas of Cyberpace
- Maps of the World Wide Web
- Textures (Brad Paly)
- Visual Thesaurus (Pnub Design)
- Valencia & Anemone (Ben Fry)
- Hyperbolic Browser (Inxight)
- Snarcat (Jared Schiffman)
- Tamara Munzner
- Sequoia View (Carole Tad Van Wijk)
- StarTree Hyperbolic Browser (Ramana Rao, Inxight)
- walrus Graph Visualization Tool (Munzner & Caida)
- Caida Internet Backbone Map (Caida)
color by numbers tower

30 October 2006

The temporary, 72 meters high light installation built in a tower at Stockholm, the colors of each of the windows is determined by mobile phone configuration & results from mixing red, green & blue light, the installation attempts to influence the local debate about democracy & public space.

see also pixel skin & spots berlin & blinklights 2.0 & podium light well & interactive.

[link: colourbynumbers.org][also on we-make-money-not-art.com]

color by numbers tower>

24 October 2006

visual poetry 2006

It is this time of year again, at which Hans Müller puts online his newest visual theme for a yearly international literature festival: this year, the theme consists of beautiful visualizations of the poetry texts themselves,

each words correspond to a numerical code by adding the alphabetical values of its letters together, this number is mapped onto the position on a circle, & marked by a red dot, gray lines connect the dots in the sequence, the words appear in the poem, the diameter of the circle on which the dots are placed is decided by the length of the poem.

see also last year’s visual theme.

[link: eson.com/via generation.ee]

visual poetry 2006>

23 October 2006

pl in colors

Information Aesthetics Blog

Andrew Vande Moere

the national budget, debt & deficit / visualization economics

recommendations for your data visualization bookmarks / visualization evaluation

ambientagners / visualization evaluation design

36-week visual search engine / visualization video

john mood / visualization, information design

public visualization challenge orifice / visualization evaluation

add me to your delicio.us network

INTERESTING

comparisons: public space for ambient intelligence art festival: data aesthetics
Infovis Art Exhibit
...since we and him broke up i still like him and jessie...and possibly many others. maybe i took my purse and i took too many money in it like to but aren't you sure? i got pictures of brandon and jess are amazing, alright...

me and that broke up yesterday and it's hard. i have no idea why we did but we did and it's killing me.

hey! what's up? i broke up with coupe. i'm so excited! i'm really happy! boys hear we drop asking 21 Pilgrims! love ya been, dear and style! love ya. saylor don't u hate when the guy u like...

...some people are really mean, aren't they, you and i broke up... until later

...did, then her mean did, i was like "what are you doin? gonna up!" but yes, then i spent the whole 6 week and with her. oh yes. i broke up with early on 4th day before i left. but i cry, till rig ...

people. i broke up with my girlfriend. i'm content with the decision but i still feel kinda sad. do not apparently cause the relationship is over but i'm just in an emotional phase now. but i'm not completly losing. i'll be happy for me...

...or we broke up or whatever. i have mixed feelings as about it to prepare for one of the hunting & entry's lately we've been hanging out too much and been neglecting all of our other friends. we both love each other but she thinks we moved into ...

The Dumpster

Golan Levin
Social Maps of Time and Space

Orkan Telhan & Judith Donath
ACTG to Calligraphy: Genetic Visualization for Ecce Homology

Ruth West, Jeff Burke, Eitan Mendelowitz, JP Lewis, Cheryl Kerfeld
InfoVis Art Exhibit

Reception tonight
Papers ➔ conference compendium
Meet the World

Icaro Doria