DOSSIÊ: Viegas e Wattenberg

history flow

http://www.research.ibm.com/visual/projects/history_flow/

In 2003, we decided to investigate the dynamics behind editing in Wikipedia. History flow is the method we invented to make sense of the data we collected. The colorful history flow diagrams take a lengthy edit history and turn it into a picture.

The image above shows the history flow diagram for the Chocolate article. The zigzag pattern turns out to be an edit war--an argument over whether a certain type of surrealist sculpture exists or not. Below is the image for the Abortion page. The black gashes represent vandalism: moments when a malicious user deleted the entire page.

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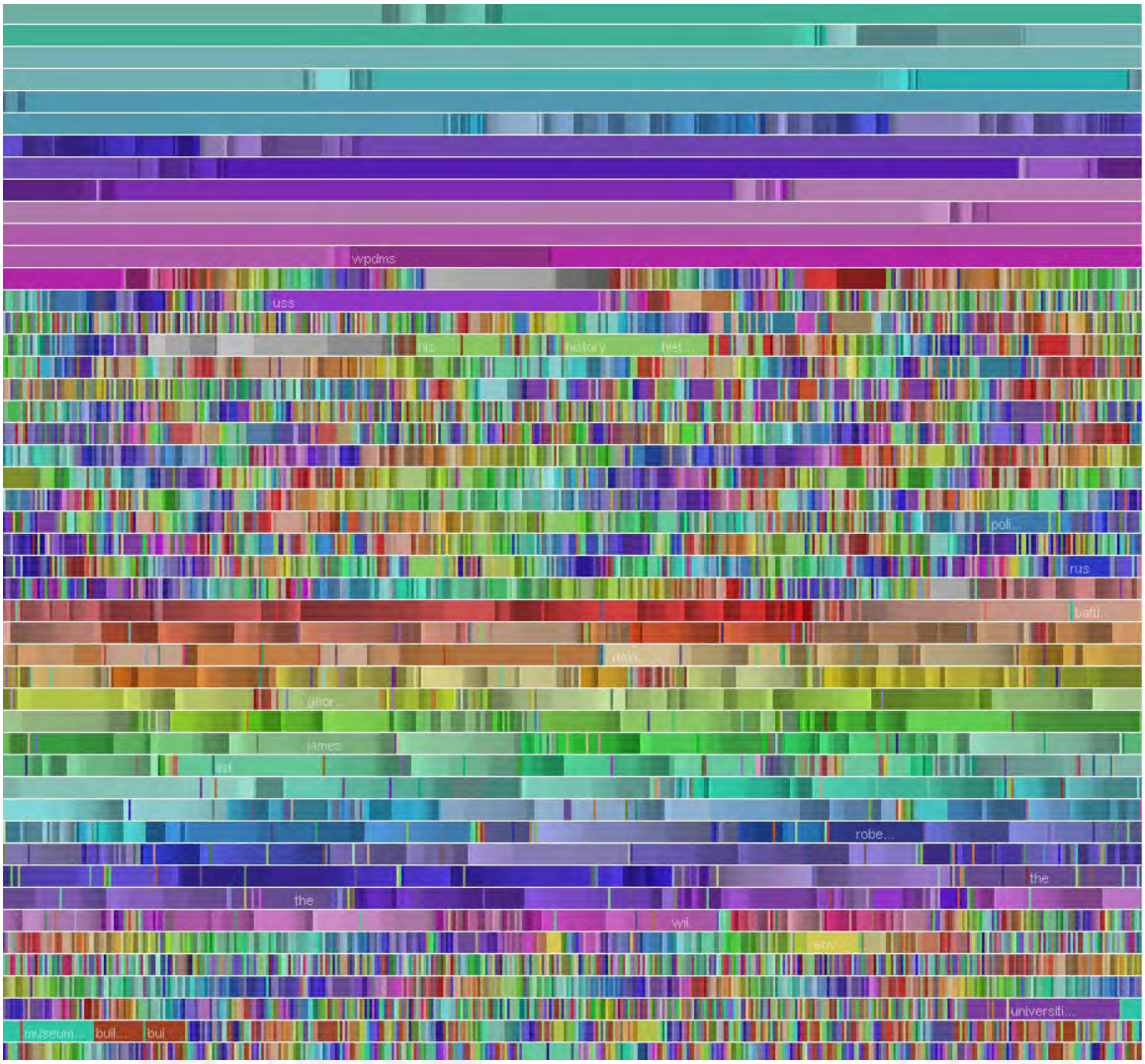
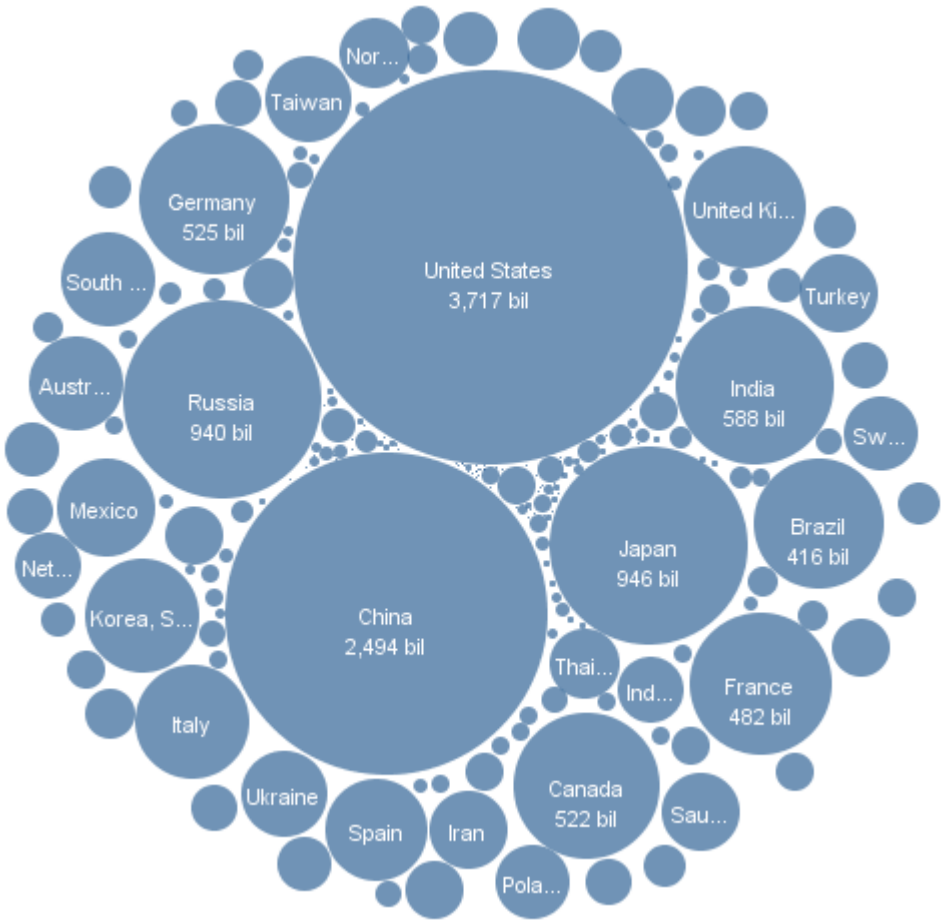


Chromogram

http://www.research.ibm.com/visual/projects/chromogram.html

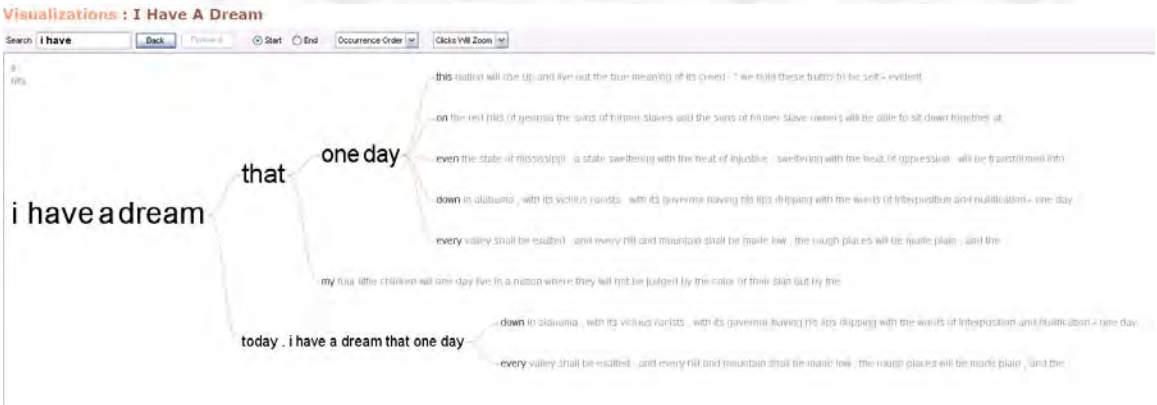
To investigate how participants in Wikipedia allocate their time, we created a visualization technique, the Chromogram, that can display every single edit that a person has made, using a special color code to represent the titles of pages they touched. The visualization surfaces surprising patterns, such as rainbows that represent long sequences of alphabetically ordered edits.

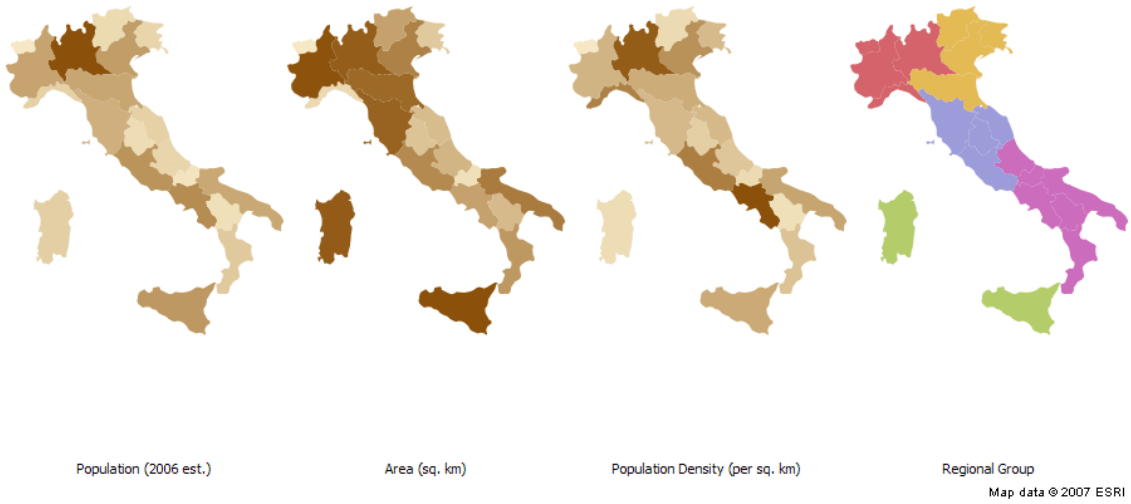


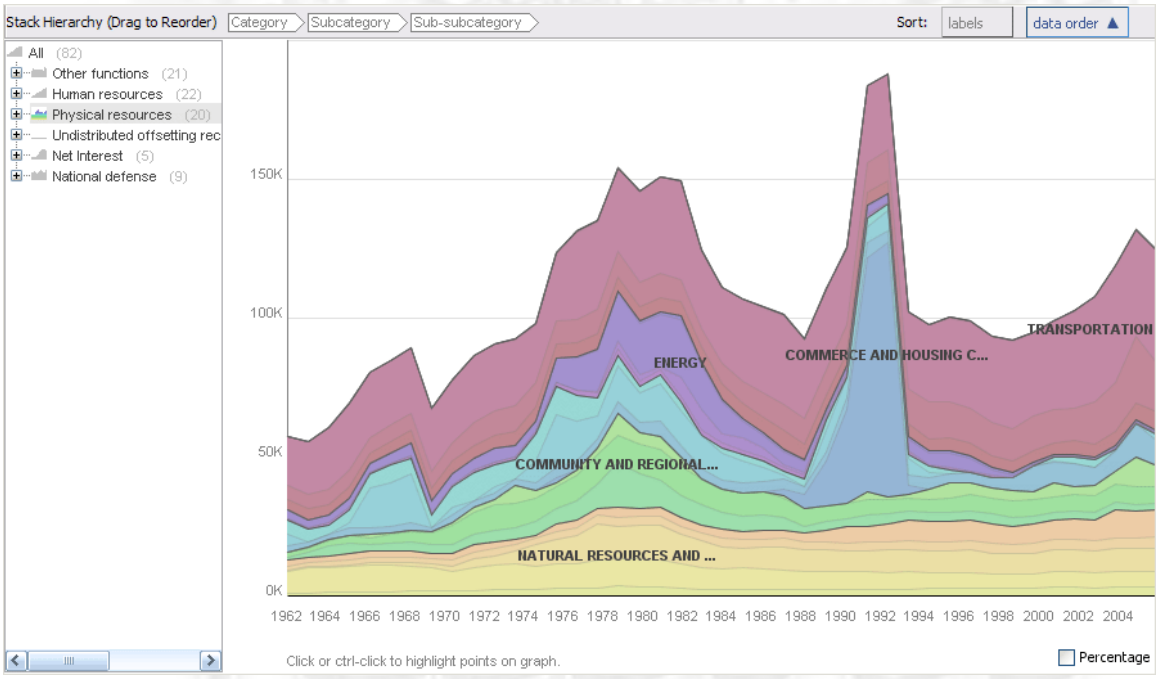
Many Eyes

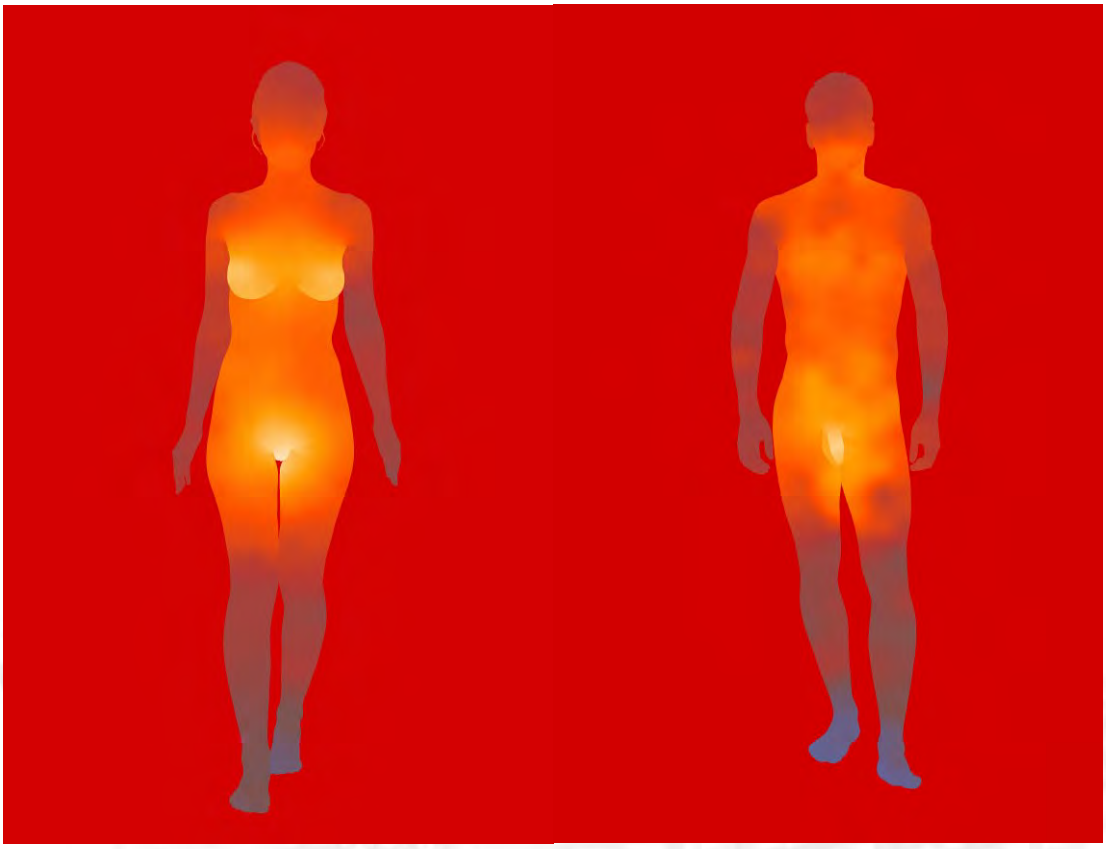
www.many-eyes.com

To "democratize" visualization, and experiment with new collaborative techniques, we built Many Eyes, a web site where people may upload their own data, create interactive visualizations, and carry on conversations. The goal is to foster a social style of data analysis in which visualizations serve not only as a discovery tool for individuals but also as a means to spur discussion and collaboration.




Population (2006 est.)
Area (sq. km)
Population Density (per sq. km)
Regional Group
Map data © 2007 ESRI


Stack Hierarchy (Drag to Reorder)
Category
Subcategory
Sub-subcategory
Sort:
labels
data order
All (82)
Other functions (21)
Human resources (22)
Physical resources (20)
Undistributed offsetting rec
Net Interest (5)
National defense (9)
150K
100K
50K
0K
ENERGY
COMMERCE AND HOUSING C...
TRANSPORTATION
COMMUNITY AND REGIONAL...
NATURAL RESOURCES AND ...
1962 1964 1966 1968 1970 1972 1974 1976 1978 1980 1982 1984 1986 1988 1990 1992 1994 1996 1998 2000 2002 2004
Click or ctrl-click to highlight points on graph.
Percentage



Fleshmap

www.fleshmap.com

Fleshmap is an inquiry into human desire, its collective shape and individual expressions. In a series of artistic studies, we explore the relationship between the body and its visual and verbal representation.

Touch investigates the collective perception of erogenous zones. We asked hundreds of people to rate how good it would feel to touch or be touched by a lover on different points of the body. The image above shows the results of tens of thousands of individual ratings: a map of sensual desire with multiple focal points and islands of excitement.

Listen investigates the relationship between language and the body. The image below shows how often various body parts are mentioned in different music genres.

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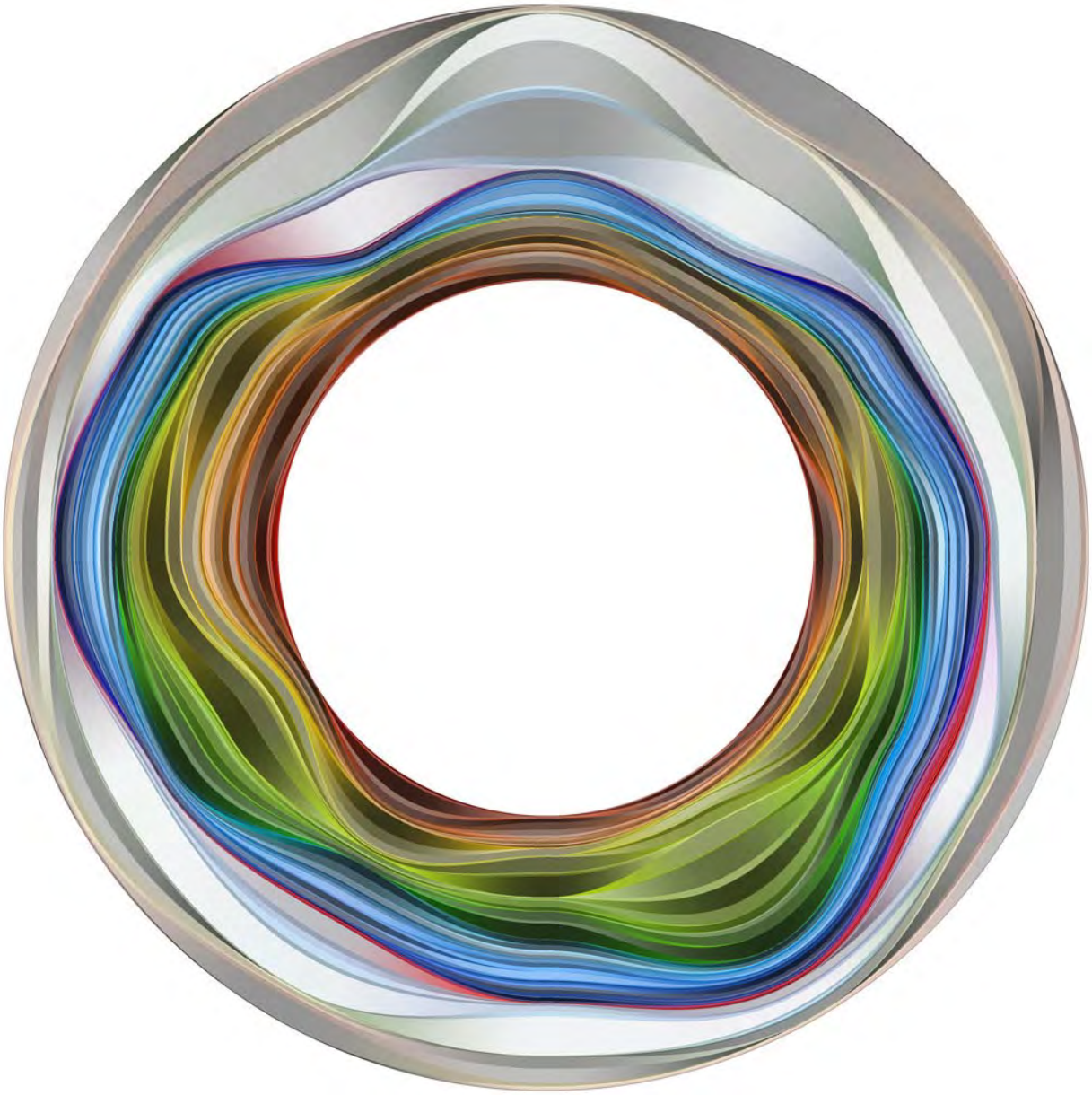

Flickr of hope

The two of us see the world as a stream of color, and in 2009 we finally had a chance to draw the river in our heads. We began with a collection of photographs of the Boston Common, a public garden, taken from Flickr. Using a custom algorithm, our software calculated the relative proportions of different colors seen in photos taken in each month of the year, and plotted them on a wheel. Summer is at the top, with time proceeding clockwise.

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