



# Ben Fry

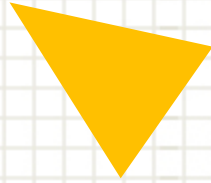
The Way to Fathom



# About Ben Fry

## Bio

Education  
Career



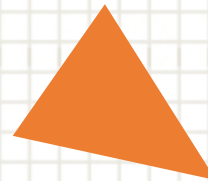
## Projects

Featured visualization  
Genetics



## Processing

Foundation  
Development



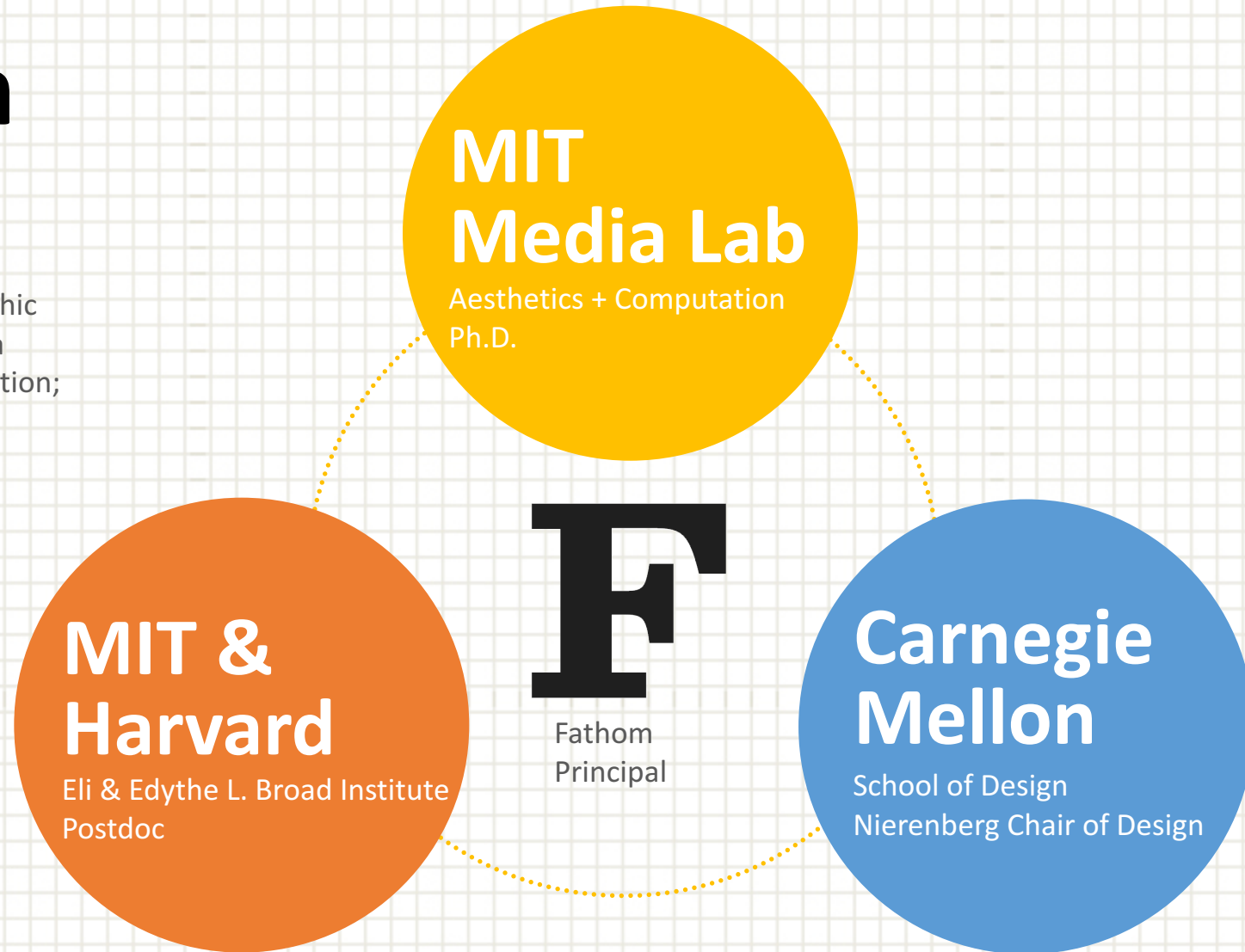
## Archives

Books  
Articles



# Education & Career

Computer science, statistics, graphic design, and data visualization as a means for understanding information; visualization of genetic data.



# Books & Articles

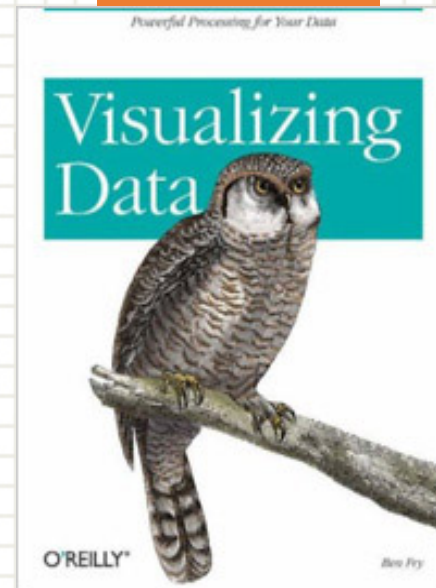
Individual pedagogies of design,  
information, and computation  
combined for the exploration, analysis,  
and representation of complex data;  
Introduction to Processing.

2004

“Computational  
Information  
Design”

– Ben Fry’s PhD  
dissertation

2007



2014



2015





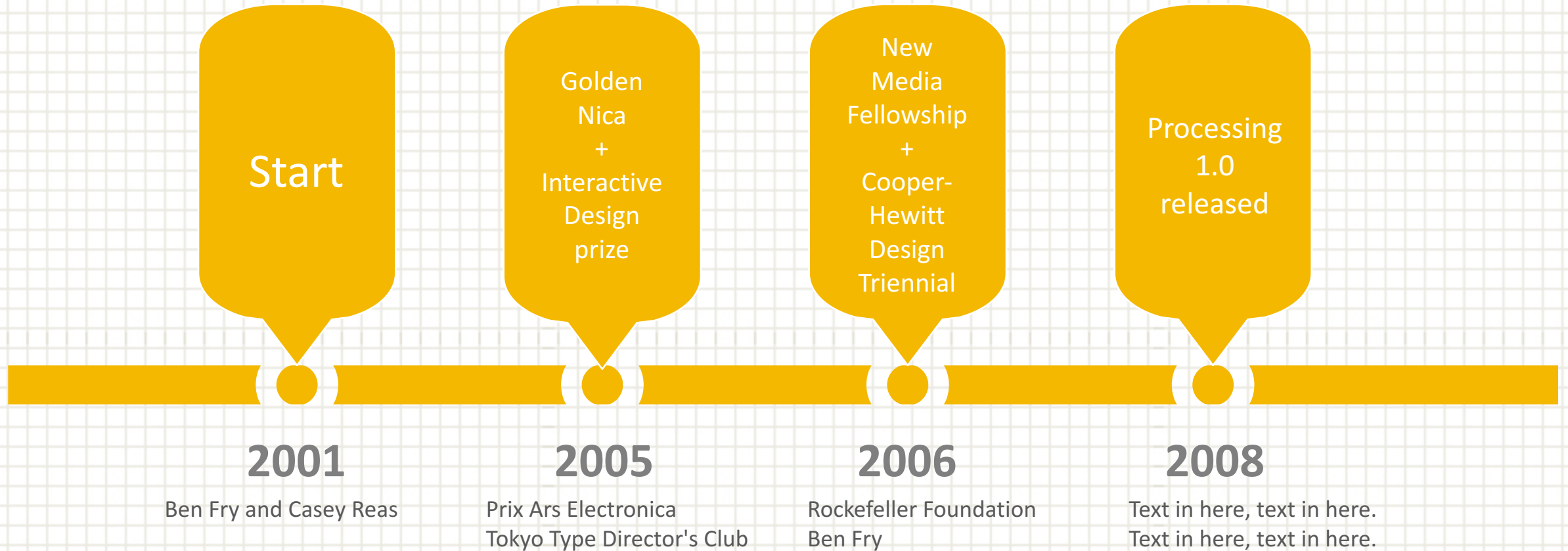
# Featured Projects

The Power of Data Visualization:  
<https://vimeo.com/287668907>  
(Starting at 4:03)



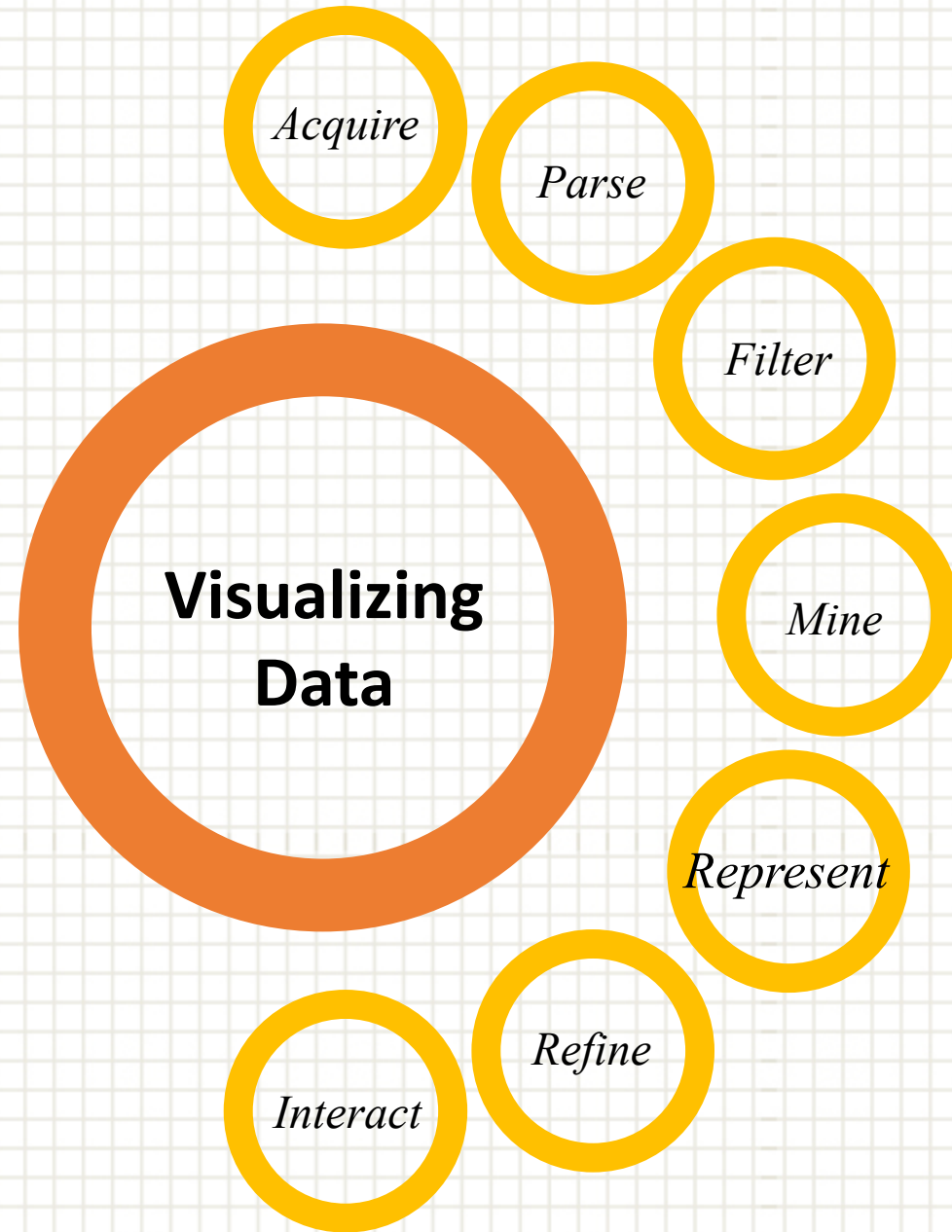
# Processing

Open source, multi-platform, easy to learn and to use.



# Seven Stages

A process that bridges the individual disciplines, placing the focus and consideration on how data is understood rather than on the viewpoint and tools of each individual field.



# Principles

Some ways of thinking about data and its representation

## **1. Each Project Has Unique Requirements**

## **2. Avoid the All-You-Can-Eat Buffet**

## **3. Know Your Audience**

- Complex data sets used for specialized applications require unique treatment.
- Think about the data and the question
- Combine multidisciplines





# THANKS

– Zui Chen –

