BinX
Dynamic exploration of time series

Final project report
Information Visualization - CS533c
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Motivation
- More time dependent information is gathered
- Long time series
- Unsuitable for static visualization

The Data & tasks
- Daily currency exchange rates over 15 years (5000 data points)
- Comparing different time periods
- Comparing two currencies

Visualization principles
- Aggregating over time intervals
- Smooth navigation
- Maintaining context + clear feedback
- Multiple views (Linking)

Visualization metaphor

Demo
Lessons learned

- Detail + overview is invaluable
- Animation reduces cognitive load
- Mix and match allows flexible exploration
- Extending the marking mechanism

Thank you

- Questions?