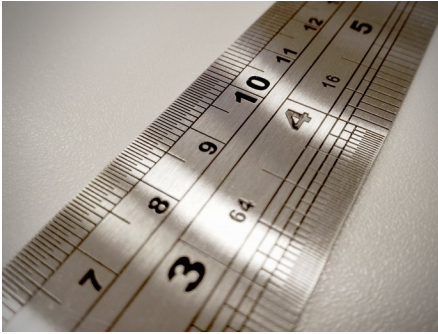# Measuring Culture

- What is culture?

- Can we really measure it?

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- Identified 5 indicators that might help
  - Pony "Bus" Factor
  - Contributor Experience
  - Contributor Retention
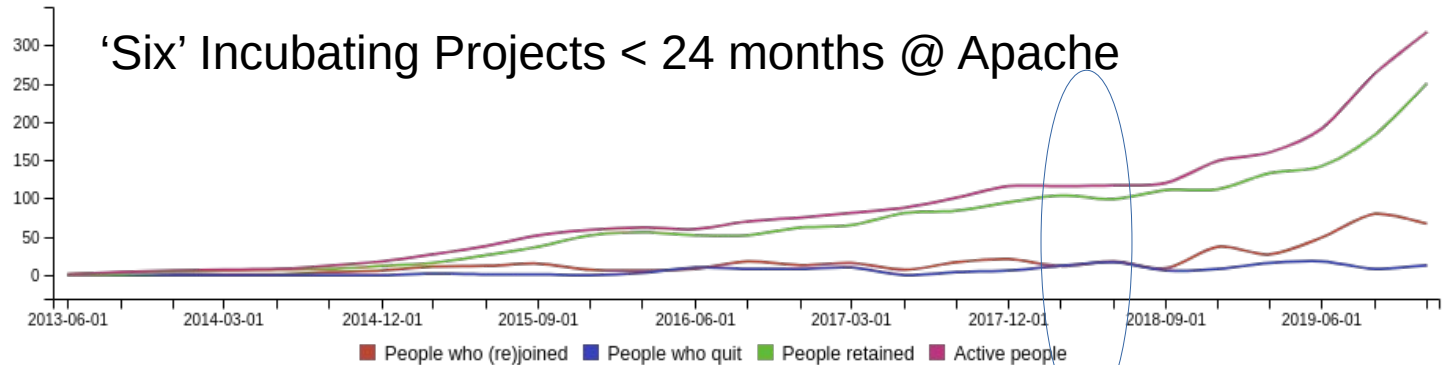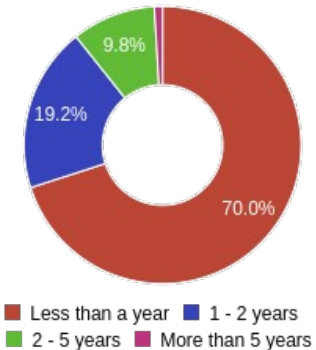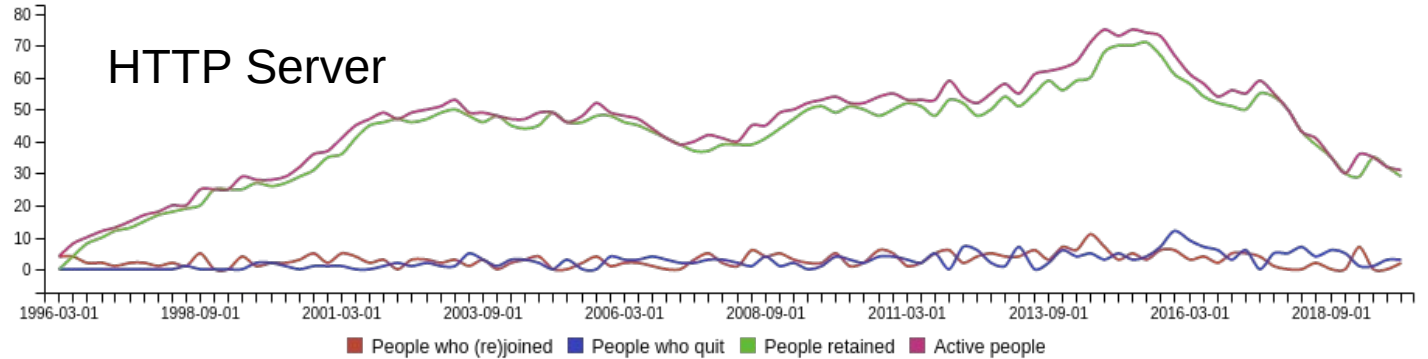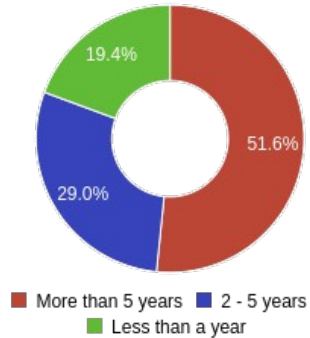  - Sentiment Analysis
  - Key Phrase Extraction

# Pony "Bus" Factor



HTTP Server

Pony Factor (committership)    Pony Factor (authorship)    Meta-Pony Factor

'Six' Incubating Projects < 24 months @ Apache

Pony Factor (committership)    Pony Factor (authorship)    Meta-Pony Factor
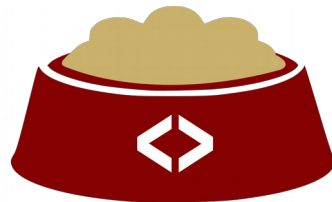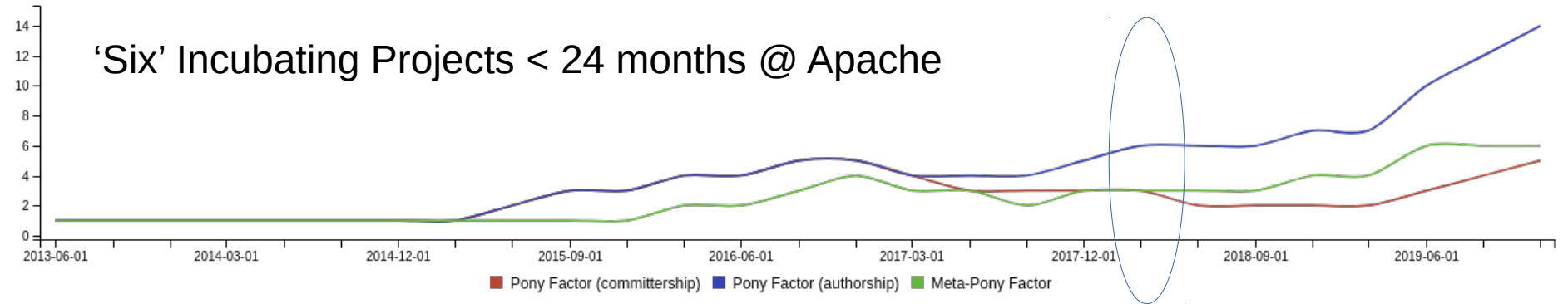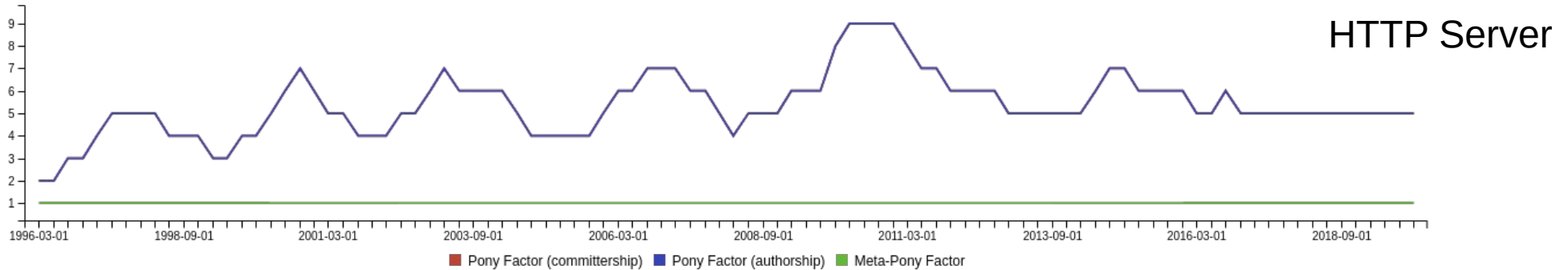
# Contributor Experience / Retention



HTTP Server

'Six' Incubating Projects < 24 months @ Apache

# Mood / Sentiment Analysis
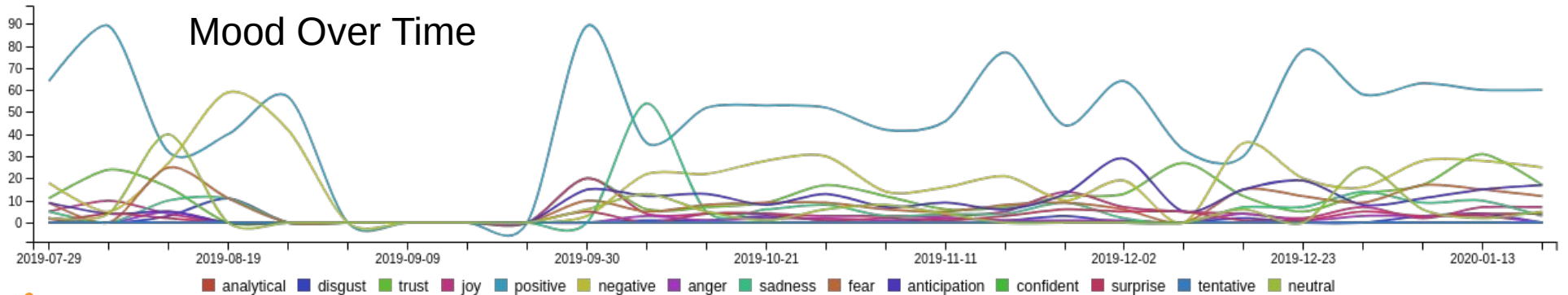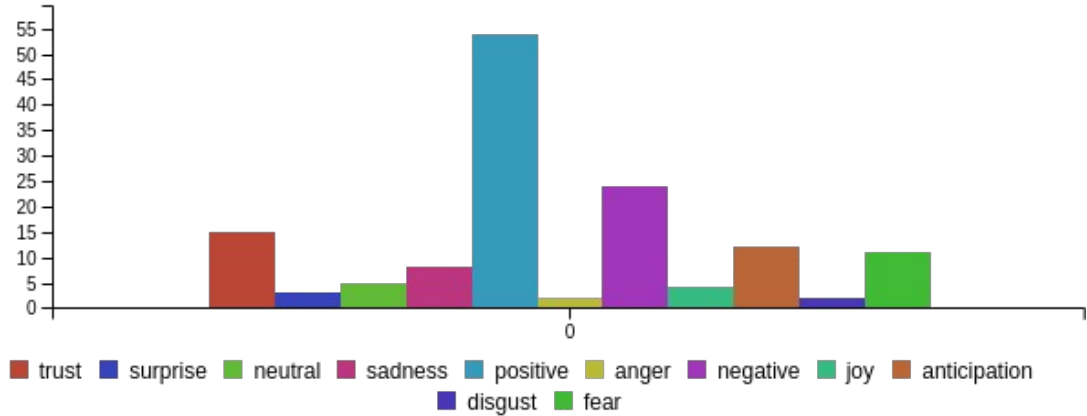
# Mood / Sentiment Analysis



Mood Over Time

# Key Phrase Extraction



HTTP Server

'Six' Incubating Projects < 24 months @ Apache
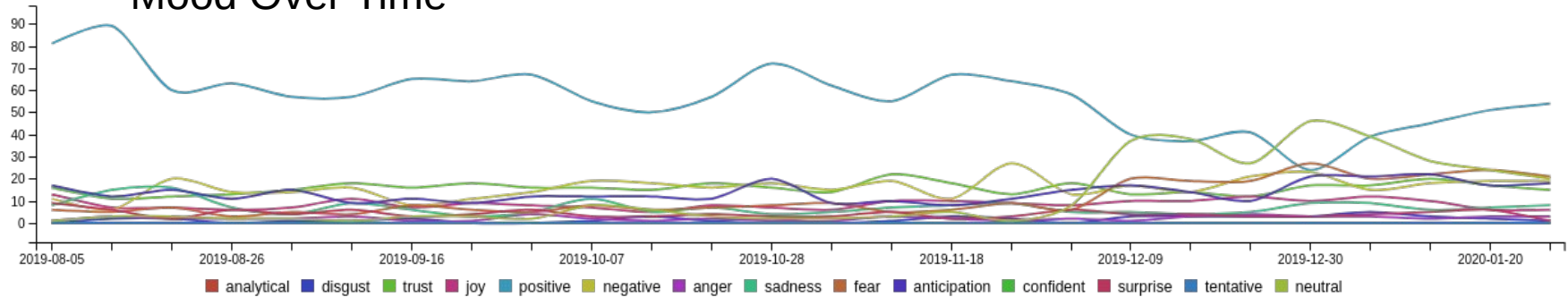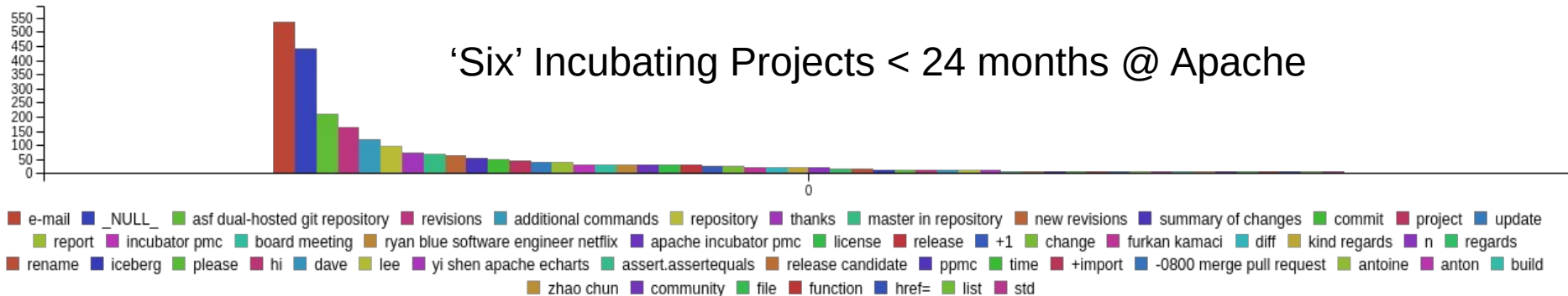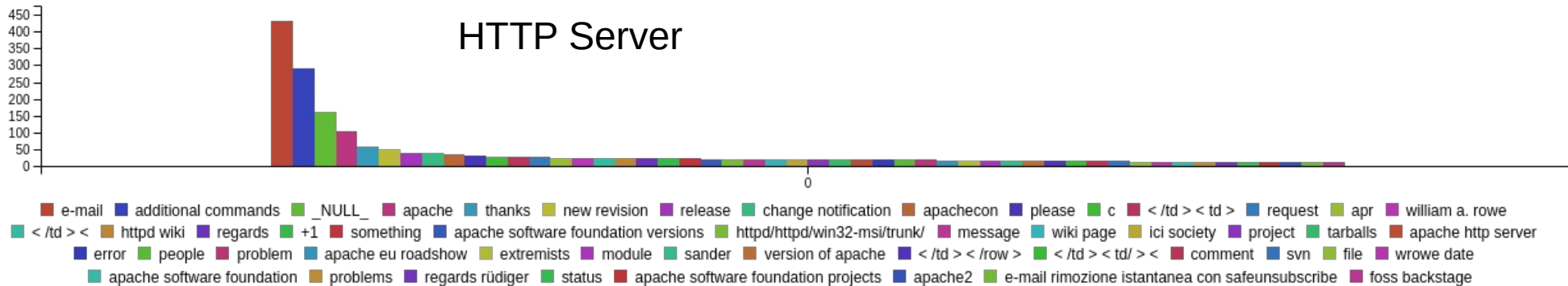
# Summary



- So what did we find?

- Nothing matches completely

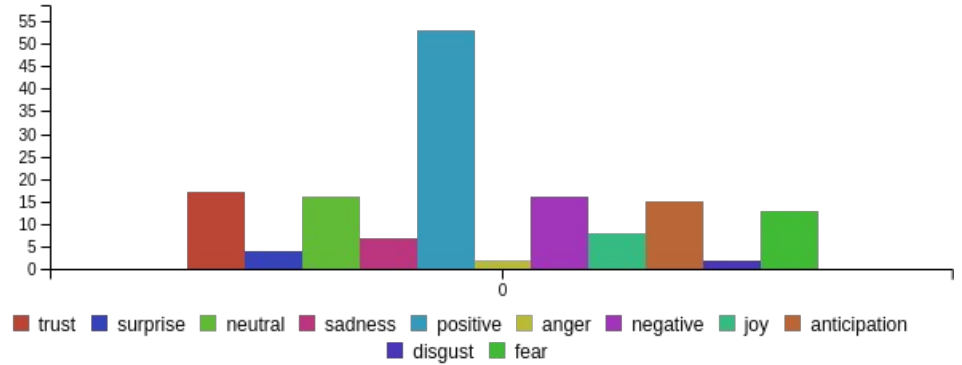- Matching to a baseline indicators is Identified 5 indicators that might help
  - Pony "Bus" Factor
  - Contributor Experience
  - Contributor Retention
  - Sentiment Analysis
  - Key Phrase Extraction

# Thank You!

# Links

- http://kibble.apache.org/

- Cultural Analysis Papers
  - https://s.apache.org/0czto
  - https://s.apache.org/muamq