LTTng Scope
Executive Preview
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Content

- Project goals
- Architecture
- Current status
- Demo
Project Goals

- Trace viewer for CTF / LTTng traces
- Streamline user experience
- Clearly separate layers
  - Trace reading/analysis vs. UI presentation
Comparison with Trace Compass

- Support any trace type (logs, etc.)
- Eclipse plugins
- Analyses tied to UI

- Focus on LTTng traces
- Not tied to Eclipse
- Run analyses independently

EfficiOS  Progress Report Meeting - May 2017
Comparison with Trace Compass

- *Code fork*, but not so much a *project fork*
- Different projects with different goals
Architecture

- LTTng Scope
  - Jabberwocky (trace analysis library)
    - CTF reader library
    - State system library
Current Status

- LTTng Scope
  - Jabberwocky (trace analysis library)
    - CTF reader library
    - State system library
Current Status

- Still based on Trace Compass / Eclipse code
- Focus on time graph model / view implementation
Timegraph View
Timegraph View

- Model Renders
- Time Graph Model
- Model Providers
Timegraph View

JavaFX view

Model Renders

Time Graph Model

Model Providers

State system

State System Provider
Demo
• https://github.com/lttng/lttng-scope