



## EfficiOS Projects Status Update and Roadmap

# Content

- Project updates for 2017:
  - LTTng
  - Babeltrace

# New LTTng Features (2.10)

*LTTng is a low-overhead Linux kernel and user-space tracer*

- Multiple wildcards support for event names and filter strings
- Overload Regulation API

# New LTTng Features (2.11)

*LTTng is a low-overhead Linux kernel and user-space tracer*

- Session rotation

# Babeltrace Project Update (2017)

*The Babeltrace project provides a library, Python bindings, as well as a command-line tool to view and convert traces. It is a reference implementation of the Common Trace Format (CTF).*

- Babeltrace 2, coming... soon

# Babeltrace Project Update (2017)

- Babeltrace 2.0
  - Trace Intermediate Representation,
  - Modular source/filter/sink architecture,
  - Plugin architecture,
  - C/C++/Python APIs,
  - Allows analyses to read live traces,
  - CTF 1.8 source/sink (reader/writer),
  - Trace cut feature,
  - Multi-clock support (e.g. Epoch time and BFN clock).

# Links

LTtng:

<http://ltnng.org>

LTtng analyses scripts:

<https://github.com/ltnng/ltnng-analyses>

Latency tracker:

<https://github.com/efficios/latency-tracker>

barectf:

<https://github.com/efficios/barectf>

TraceCompass:

<http://tracecompass.org/>

Babeltrace

<http://diamon.org/babeltrace>

Common Trace Format

<http://diamon.org/ctf>

# Questions ?



# EfficiOS



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