

Linux Trace Toolkit Next Generation (LTTng)

David Goulet

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Plan

1 Introduction

■ Me

2 Project

■ UST

Small Description

- DEC in Network Management at CEGEP de Maisonneuve
- B.sc Computer Science at Université de Sherbrooke
- Last 2 years at Revolution Linux as an Infrastructure Analyst

And now, my M.sc with Pr. Michel Dagenais

Plan

1 Introduction

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2 Project

- UST

Userspace Tracing

- Evaluate UST for *large scale* environment
- Bringing the pieces together

Evaluate

What's that?

- Performance

Evaluate

What's that?

- Performance
- Scalability

Evaluate

What's that?

- Performance
- Scalability
- Impact on systems

All the pieces

So, is everything ready for production?

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- Tracer (UST)
- Viewer (LTTV soon to be TMF)
- Remote (TCF) and Streaming (Soon!)
- Analysis

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What's missing?

Missing

UST stand point of view :

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Samba, DBus, LDAP, Apache, etc...

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TMF enough?, TCF can scale?

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UST stand point of view :

- 1** Instrumented Applications?
Samba, DBus, LDAP, Apache, etc...
- 2** Iteration Tools?
TMF enough?, TCF can scale?
- 3** Security?
Network Access, Encryptions

Conclusion

Questions