

Streaming in the User Space Tracer

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Content

- **State of UST and streaming**
- **Work done**
- **Remaining challenges**
- **The near future**



State of UST and streaming

- Remote trace control
- Streaming infrastructure
- No interaction between the daemon and Ittng-agent
- Daemon to use configurable, but only at startup time



Work done

- libustd library
- ustd a simple application using libustd
- Ittng-agent becomes a daemon by using libustd
- UST changes to allow changing daemon at runtime



Remaining challenges

- Periodical flush
 - Some buffers fill more quickly than others
 - Client does not have a full picture of events
 - Potential problems for real-time analysis



The near future

- Working streaming in UST by the next weeks
- UST equal to LTTng in terms of streaming and remote control capabilities

