Linux Tracing Tools
Tracing Summit

Concluding Panel

Linux Symposium, July 14 2009
Montreal, Canada
Who needs tracing tools?

- Embedded systems developers.
- Multi-core systems developers and maintainers.
- Online high volume systems developers, maintainers and vendors (e.g. Ericsson, Google, IBM).
- Kernel developers.
Tools Contributors

- Ericsson, Fujitsu, Google, IBM, Monta Vista, Red Hat, Sony Electronics, Sun, Suse, Wind River, and many individuals.
Working together

- FTrace, simple in-kernel specialized tracing. Extend for production system-wide tracing.
- GDB Tracepoints, flexible ad hoc tracing. Connect to Eclipse and static tracepoints.
- SystemTap. Scriptable dynamic tracing. Integrate to the kernel and other tools.
Panelists

- Tim Bird, Sony Electronics
- Mathieu Desnoyers, Polytechnique Montreal
- Christoph Hellwig, LST
- Frank Eigler, Red Hat
- Alf Larsson, Ericsson
- Frederic Weisbecker, Kernel developer
What next

- Integration of kernel, static tracing, dynamic tracing, visualization and analysis tools.
- Missing features?
- Inadequate features?
- Other interested contributors?