

# Linux Tracing Tools Tracing Summit



**Concluding Panel**

*Linux Symposium, July 14 2009  
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# 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.
- LTTng. System-wide high performance tracing. User-space tracing, analysis tools, Eclipse integration.
- 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?

