



macrobug

Macrobug Linux Flow Tracer: Datasheet

The screenshot displays the Macrobug Tracer application window, titled "Macrobug Tracer - unlicensed". The main area shows a flow chart of system calls and thread interactions. The chart is organized into three vertical lanes for threads 483, 473, and 471. The timeline on the left shows timestamps from 18:26:41.184323 to 18:26:41.280785. The flow chart includes events such as "Thread creation", "Syscall: syscall_983045", "Syscall: clone", "ioctl started", "mprotect started", and "clone started".

Events shown
All STrace events

Blocks shown
STrace event
OpenBinder transaction

Event details shown
STrace arguments

Relationships shown
Thread creation
OpenBinder request (coming soon)
OpenBinder reply (coming soon)

Data capture technology
Modified STrace binary with OpenBinder API decoding. Compiled for Android.

Views
Standalone application (interactive)
PDF export (vector-based)
SVG export

Additional Eclipse features
Event list view

System requirements
Java 1.5
Windows, Mac or Linux
Eclipse 3.3 or later

Thread	Timestamp	Data
471	18:26:41.28252	getpriority() finished = 30
483	18:26:41.28304	syscall_983045() finished = 0
466	18:26:41.28370	futex() finished = 0
473	18:26:41.28447	getpriority() finished = 20
471	18:26:41.28502	ioctl(7, BINDER_WRITE_READ) started
483	18:26:41.31509	getpid() started
466	18:26:41.31588	writev(3, [{"4", 1}, {"runtime\0", 8}], {"Display startup: 1 devices\n\0", 28}], 3) started
473	18:26:41.31724	ioctl(7, BINDER_WRITE_READ) started
471	18:26:41.32049	ioctl(, {write_size=40,write_consumed=40,write_buffer=0x13c48,read_size=256,read_cc
483	18:26:41.32226	getpid() finished = 466

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