

# PEBIL: Static Binary Instrumentation for x86/Linux

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PEBIL is a lightweight binary instrumentation tool that can be used to capture information about the behavior of a running executable. Within PMAc it is used to count basic block execution frequencies and as a driver for the cache simulator that powers its [performance prediction framework](#).

PEBIL is free and open source. If you have questions or comments feel free to contact its author, [Michael Laurenzano](#).

The ISPASS 2010 publication on PEBIL: [pdf](#)

## 1. Source Downloads

[Version 0.2.3327](#) (5/11/2010)

Features: lots of bug fixes, vastly improved overheads for cache simulation tool, overhead for all tools improved by adding flags liveness analysis, added a function call wrapper tool.

Version 0.1.3228 (3/25/2010) (dead)

Version 0.1.3217 (3/19/2010) (dead)

Version 0.1.3186 (3/01/2010) (dead)

Version 0.1.3132 (1/04/2010) (dead)