

HPCToolkit & Dyninst

- Dyninst-based rewriting for measuring time spent in syscalls during HPCToolkit runs
 - Long-term goal: better OS-level support...
- SymtabAPI-level rewriting for recording function bounds in statically-linked binaries
- Approaches for using ParseAPI to record more accurate function bounds in statically- and dynamically-linked binaries
- Comparative approaches to binary analysis for stack unwinding and the feasibility of pre-computing and caching this information
- Better handling of inlined functions: unwinding from inlined functions via SymtabAPI
 - Adding static callstack info to the information gathered at runtime