

Binary rewriter functionality for OpenSpeedShop discussion notes.

- 1) No one time snippets (executeNow)
- 2) No callbacks: no actions on fork/exit, pthread_create, .etc except for notification
- 3) In general, anything that interrupts the process or reacts to events is not supported
- 4) We could request symbols based on the pc's that were seen during the static binaries execution
 - dyninst would pass us a blob representing the dso's that were hit, then we would pass this back when requesting the symbols
 - we would pass the pc addresses back to dyninst to get the symbol mapping
 - we would need to have time stamps for the dso that dyninst saw, so the addresses could get properly associated to the dsos (based on time)
- 5) Dyninst will be able to instrument both static binaries as well as binaries that link dsos.
- 6) executeAtEntryExit, executeInPlaceOf will work
- 7) stopAtEnterExit will not, but OSS should not need this for MPI because we won't need to get the MPIR_proctable???