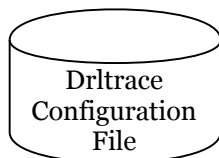


AddAnalysisRoutines



Routine Extraction
from Image

API Information
Retrieval

Analysis Routines Insertion

PrintInfoBefore0
...
PrintInfoBefore18

Main Image
Check

Building of API
apicall_t

Logging of API
Call and Input Args

Shadow Stack Entry
Creation

API Execution

PrintInfoAfter

Shadow Stack Entry
Retrieval

Logging of API Return
Value and Output Args

Shadow Stack Realignment