

CERE



LLVM

Codelet outlining
and instrumentation

Application
profiling

Codelet
filtering

Optional
codelet
subsetting

Reduced set of
codelet

Invocation
selection

Codelet
working set
and cache
capture

Full codelet set

Set of applications

Piecewise
optimization

Performance
prediction

Replay

Selected codelets
Selected invocation

INPUT

OUTPUT

