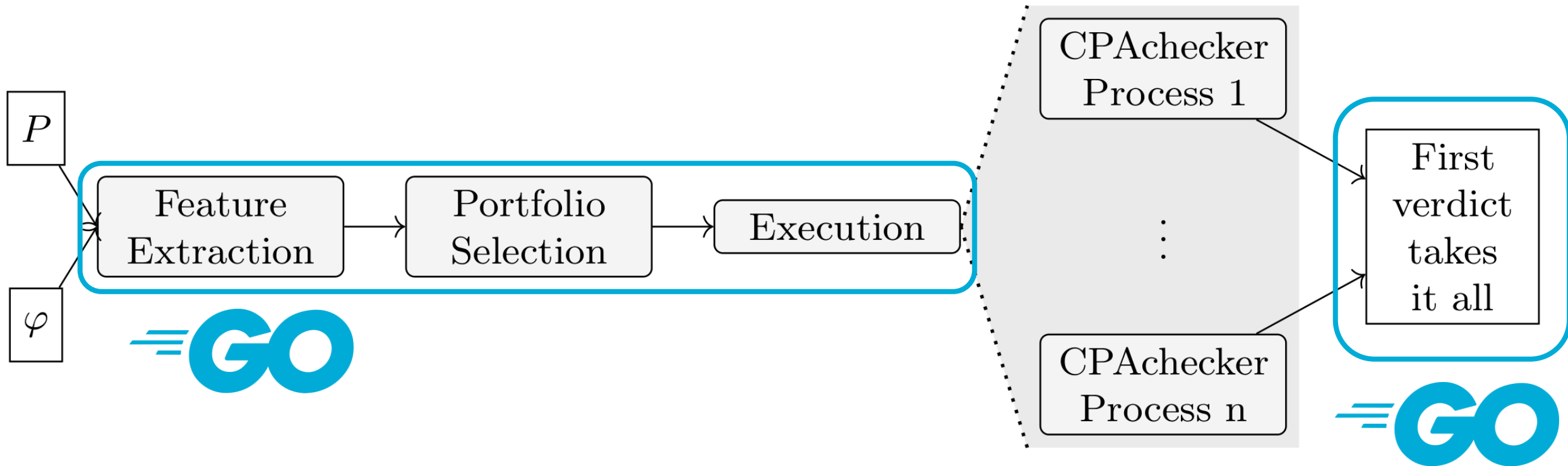


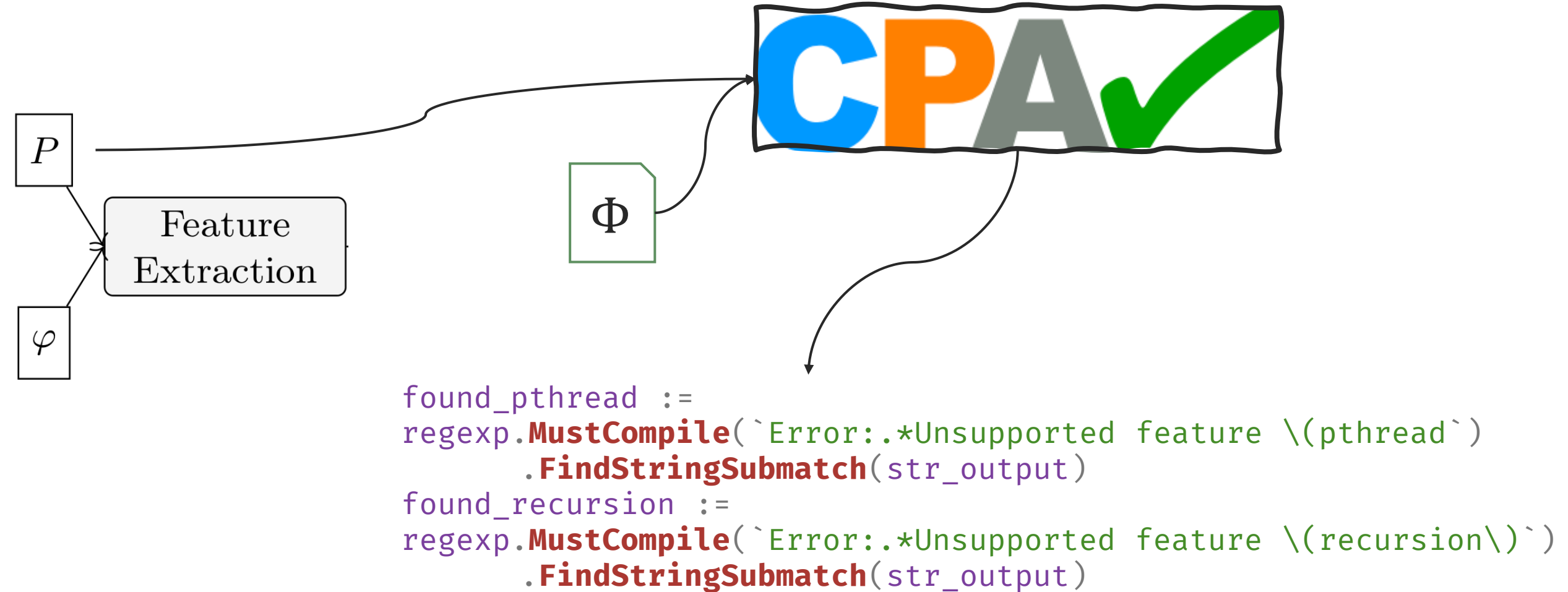
Nacpa

Native Checking with
Parallel-Portfolio Analysis

Idea

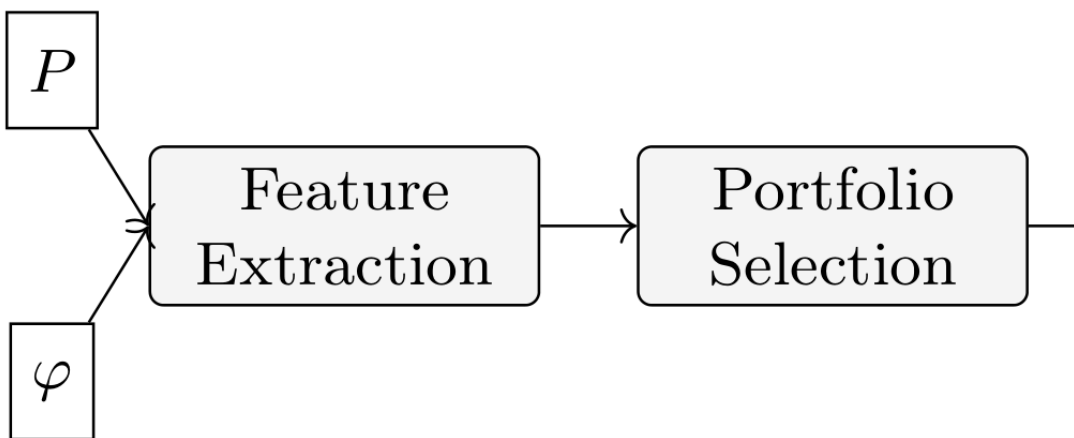


Idea



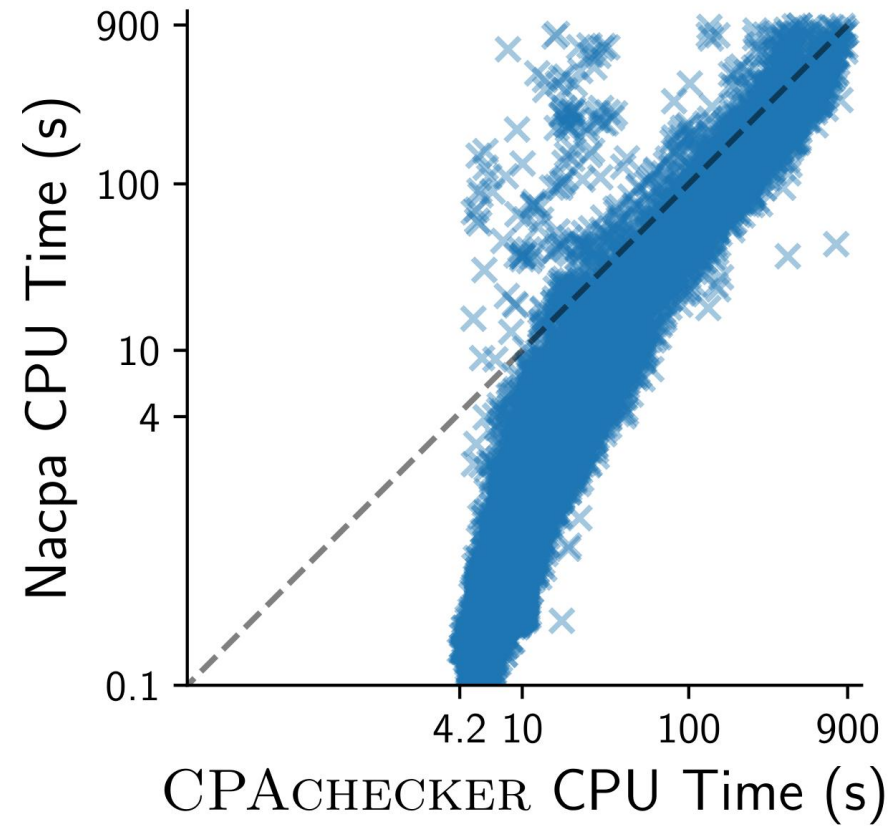
Idea

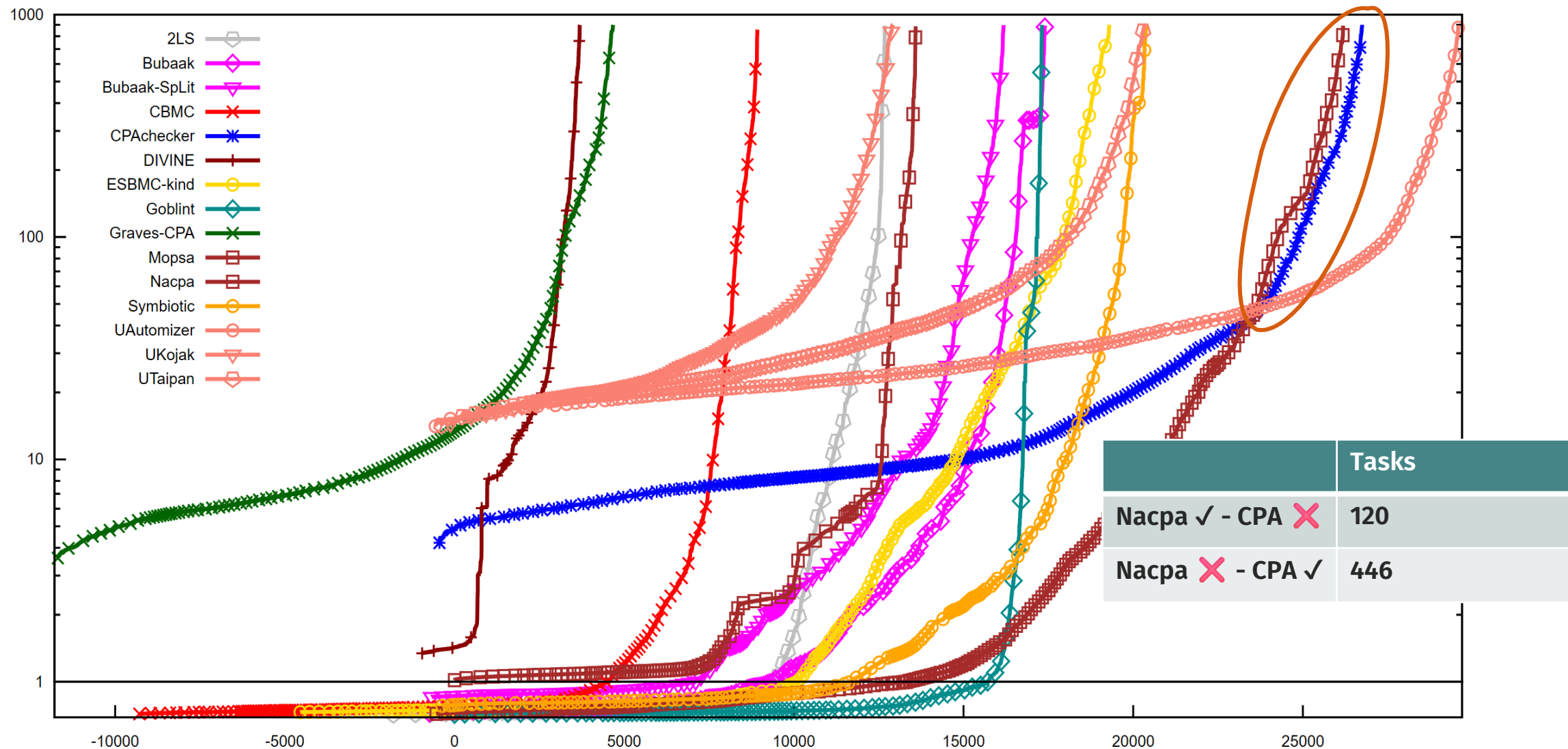
```
strategy := getDefaultStrategyReach()[info.programCategory]
```



```
LOOP_FREE: {
  components: []Component{
    BMC(TIMELIMIT_DEFAULT),
    PredicateAnalysis(TIMELIMIT_DEFAULT),
  },
},
SINGLE_LOOP: {
  components: []Component{
    SymbolicExecution(TIMELIMIT_SYMEX),
    ValueAnalysisITPNoCEX(TIMELIMIT_DEFAULT),
    PredicateAnalysis(TIMELIMIT_DEFAULT),
    DataFlow(TIMELIMIT_DATAFLOW),
    IMC(TIMELIMIT_DEFAULT),
  },
},
MULTIPLE_LOOPS: {
  components: []Component{
    SymbolicExecution(TIMELIMIT_SYMEX),
    ValueAnalysisITPNoCEX(TIMELIMIT_DEFAULT),
    PredicateAnalysis(TIMELIMIT_DEFAULT),
    DataFlow(TIMELIMIT_DATAFLOW),
    KInduction(TIMELIMIT_DEFAULT),
  },
},
COMPLEX: {
  components: []Component{
    ValueAnalysisNoITP(TIMELIMIT_DEFAULT),
    ValueAnalysisITPWithCEX(TIMELIMIT_DEFAULT),
    KInduction(TIMELIMIT_DEFAULT),
  },
},
```

CPU Time





Results