

# MANAGEMENT/CONTROL

*perf. property specs.*

*experiment constraints*

*tools specifications*

query planner/optimizer

*performance queries*

*query response*

experiment preparator

*instrumentation spec.*

*application input data*

**'EXPERIMENT'**

*analysis specification*

analysis transformer

*static information*

*dynamic information*

*source specification*

*source repository*

repository control system

source code instrumentor

*source code*

static analyzer

*build specification*

compilation system

EXECUTABLE / EXPERIMENT PREPARATION

object code instrumentor

*executables*

object analyzer

*execution specification*

launcher

EXECUTION / EXPERIMENT CONFIGURATION

dynamic process inst'or

*application processes*

process analyzer/monitor

APPL / EXPT EXECUTION

(POST) EXECUTION ANALYSIS

*application output data*

*raw execution measurements*

postprocessor/analyzer

MULTI-EXECUTION ANALYSIS

validator

*processed measurements*

*reference specification*

archiver

summarizer/comparer

*archived data*

# PREPARATION

# ANALYSIS