Progress Report Meeting

December 7th 2017
Project Nature

Make an existing C/C++, Java project in Eclipse a Tracing Project

“The most exciting new feature in Trace Compass this year” - Matthew Khouzam @DavisTurlis
Performance Improvements

› Virtual Time Graph Views
  • Only the visible data is queried
  • Only the visible data is rendered

› Enhanced State History
  • Scales to 1 million + attributes
  • Occupies less than half the disk space
  • Performance *=10 since last meeting
Improved XY View UX
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› Cpu Usage View
› UST Memory Usage View
› Kernel Memory Usage View
› Disk IO Analysis View
› XML XY View
› New Histogram View

› Export as PNG
› Tree
  • Checkbox
  • Refreshes during analysis
  • Supports Experiments
  • Legend
  • Search via regex
› Tooltips
› Time Axis: reset
Client Server

REST API: OpenAPI/Swagger
https://git.eclipse.org/r/#/c/103719
   API will go in the theia github (soon).
REST Server: incubator, prototype with Jersey, Jackson
   Demo of some HTTP rest queries with Postman.
REST Client: XY View in Trace Compass.