

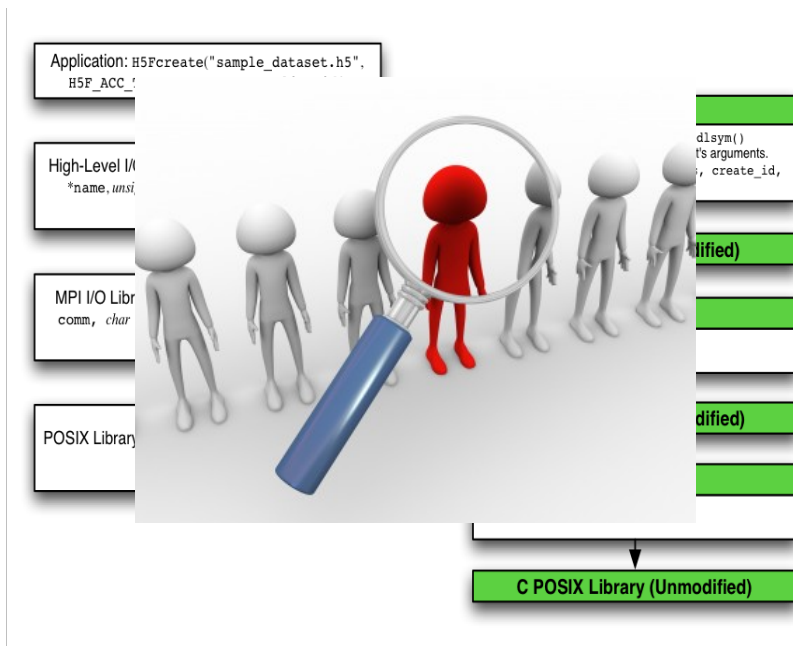
The Dashboard: HPC I/O Analysis Made Easy

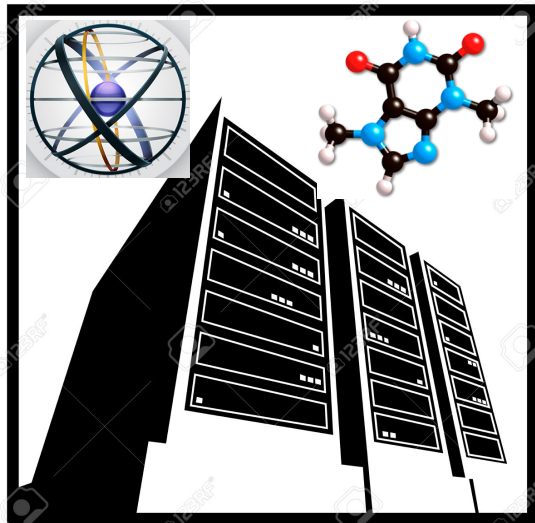
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HPC I/O Analysis is Hard!

Analyze application I/O behavior

Analyze platform I/O workload

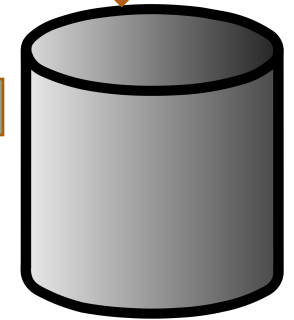




Automatically generate summary logs of I/O activity

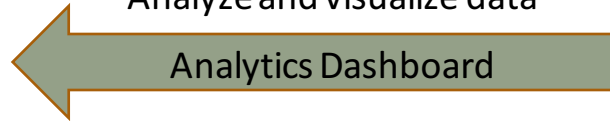


Parse logs into relational database*

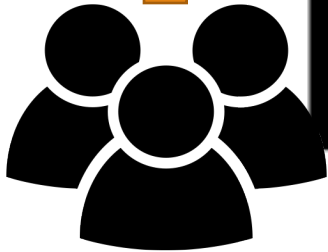


Database

Analyze and visualize data
Analytics Dashboard



Tune application's I/O approach



Live Demo

For time breakdown:

- Total runtime = I/O time + Not I/O
- I/O time is divided into 4 categories

	Non-global file	Global file
Metadata functions (open, close, stat, ...)		
Data I/O functions (read, write, ...)		

Thank you very much
for your attention!

QUESTIONS?