

Performance Tuning

Foad, Hui, Lochbaum



APLMON

- Profiles **the interpreter** as your application runs
- Records which primitives were used, and the argument types, and (approximate) argument sizes
- Profiling data is stored outside the workspace
- At the end of the run results are written as CSV
- Mostly useful to Dyalog Ltd (please send us your results!)



□ PROFILE (system function)

- Profiles the **defined functions** of your application as it runs
- Records which lines of APL code were run, and how often, and how long they took, and a complete call tree
- Profiling data is stored outside the workspace
- At the end of the run, results are returned as APL data
- Mostly useful to you, the application programmer



]PROFILE (user command)

- An easy way to start and stop □PROFILE
- And a (Windows) GUI for exploring the results

