On Benchmarks and Workload Generators

- **Workload Generator:**
  - A tool to generate a well understood workload

- **Characteristics:**
  - Flexible
  - Simple to describe

- **Examples:**
  - IOZone
  - Jetstress
  - Many, many others

IOzone, a well known workload generator
On Benchmarks and Workload Generators

- Benchmark
  - A workload generator
  - A set of run rules

- Publication process
  - Single primary metric
  - Full disclosure
  - Pricing
  - Audit

- Examples:
  - TPC-C
  - SPC-1

- Characteristics:
  - Rigid
  - Intended to accurately model a problem