The Chauffeur Worklet Development Kit (WDK)
A new framework for creating worklets to measure the performance and energy efficiency of servers at variable utilizations levels.

Key Benefits:
• Creating new workloads
• Extensible data collection
• Custom reports
• Modifying runtime behavior

Chauffeur Design:
• Multiple Hosts and Multiple Threads
• Energy Measurements
• Multiple Workload Support
• Easy to Run
• Flexible Configuration and Data Collection
• Self-validation
• Customizable Reporting
• Portability

Definitions:
• Scenario
  • A sequence of transactions. Chauffeur includes RandomBatchScenario and SequentialBatchScenario.
• Weight
  • The relative weight of a scenario or transaction. Higher numbers will cause this scenario/transaction to be executed more frequently.
• Batch Size
  • The number of transactions executed during each scenario.
• Macro Batch Size
  • The number of transactions scheduled in one group (with no delay in between).