

### **Calgary-HTTP**

A year of HTTP logs from the University of Calgary CS department

filename: u\_calgary\_csd

duration: 30326400 seconds

interval: 86400 seconds (24 hours)

workload stats:

average: 0.339801506652

25%: 0.2102788319

50%: 0.3137271077

75%: 0.4147830391

### **NASA-HTTP**

Two months of HTTP logs from NASA Kennedy Space Center WWW server (split into two files, as the July file was missing the last 3 days)

filename: nasa\_jul95

duration: 2381400 seconds

interval: 3600 seconds (1 hour)

workload stats:

average: 0.1915975174

25%: 0.1103739445

50%: 0.1641871063

75%: 0.2488942501

filename: nasa\_aug95

duration: 2678200 seconds

interval: 3600 seconds (1 hour)

workload stats:

average: 0.3337468325

25%: 0.1868375257

50%: 0.2907767758

75%: 0.4704160734

### **Saskatchewan-HTTP**

Seven Months of HTTP logs from the University of Saskatchewan WWW server

filename: u\_saskatchewan

duration: 18403200 seconds

interval: 86400 seconds (24 hours)

workload stats:

average: 0.52119175

25%: 0.3804126337

50%: 0.4687167138

75%: 0.691995091

### **ClarkNet-HTTP**

Two weeks of HTTP logs from Internet Access provider ClarkNet

filename: clarknet

duration: 1209400 seconds

interval: 100 seconds

workload stats:

average: 0.3174230537

25%: 0.2076124567

50%: 0.3010380623

75%: 0.4111880046

### **EPA-HTTP**

A day of HTTP logs from the EPA WWW server

filename: epa

duration: 86200 seconds

interval: 100 seconds

workload stats:

average: 0.2468806903

25%: 0.0669642857

50%: 0.1875

75%: 0.40625

### **SDSC-HTTP**

A day of HTTP logs from the San Diego Supercomputer Center WWW server

filename: sdsc

duration: 86200 seconds

interval: 100 seconds

workload stats:

average: 0.3184983519

25%: 0.145631068

50%: 0.2621359223

75%: 0.4660194175

### **Google Cluster Data**

A 7 hour trace of Google cluster workload

Since tasks each have different resource requirements, the workload was calculated by adding the cores required by all the tasks in each time interval, rather than simply the number of tasks, to provide a more accurate trace of the amount of work required.

#### *All Job Types*

filename: google\_cores\_all\_job\_types

duration: 22200 seconds

interval: 300 seconds

workload stats:

average: 0.8732404737

25%: 0.8552339078

50%: 0.8872810412

75%: 0.9195532888

### *Job Type 0*

filename: google\_cores\_job\_type\_0

duration: 22200 seconds

interval: 300 seconds

workload stats:

average: 0.723184759

25%: 0.6709144915

50%: 0.7101691733

75%: 0.7730159272

### *Job Type 1*

filename: google\_cores\_job\_type\_1

duration: 22200 seconds

interval: 300 seconds

workload stats:

average: 0.7417533701

25%: 0.6819528635

50%: 0.7432823668

75%: 0.8577196236

### *Job Type 2*

filename: google\_cores\_job\_type\_2

duration: 22200 seconds

interval: 300 seconds

workload stats:

average: 0.7710168426

25%: 0.7420034515

50%: 0.7754143757

75%: 0.8097884978

### *Job Type 3*

filename: google\_cores\_job\_type\_3

duration: 22200 seconds

interval: 300 seconds

workload stats:

average: 0.8344370613

25%: 0.811618583

50%: 0.8421229708

75%: 0.8701741105