

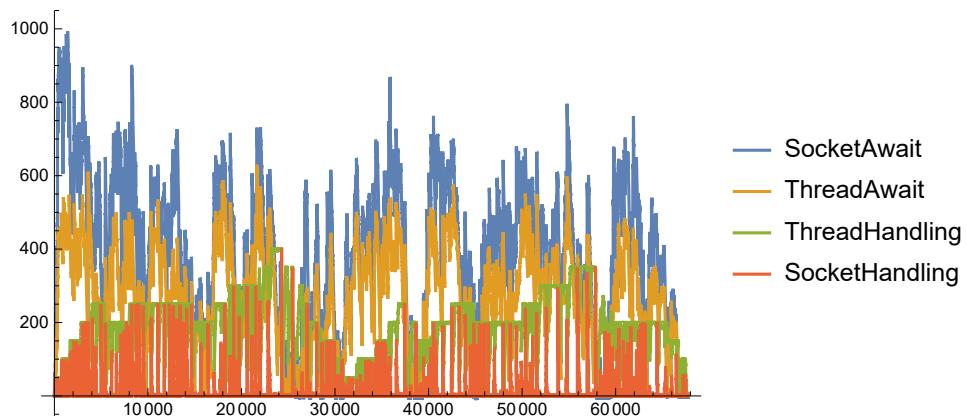
Kavel's HTTP Server / 0.1

压力测试结果

压力测试：1000线程，每线程100请求

线程自动调节，设置最大值1000，每线程处理10组Socket

```
DATA = Import["D:\\Workspace\\JavaNtwkJAVA\\testResult\\1000-100\\log.csv"];
size = Length[DATA];
part = size;
ThreadHandling = DATA[[1 ;; part, 1]];
ThreadLimit = DATA[[1 ;; part, 2]];
ThreadAwait = DATA[[1 ;; part, 3]];
SocketHandling = DATA[[1 ;; part, 4]];
SocketAwait = DATA[[1 ;; part, 5]];
ListPlot[{SocketAwait, ThreadAwait, ThreadHandling, SocketHandling}, Joined -> True,
 PlotLegends -> {"SocketAwait", "ThreadAwait", "ThreadHandling", "SocketHandling"}]
REPORT = Import["D:\\Workspace\\JavaNtwkJAVA\\testResult\\1000-100\\aggregate.csv"];
Grid[REPORT, Frame -> All]
```

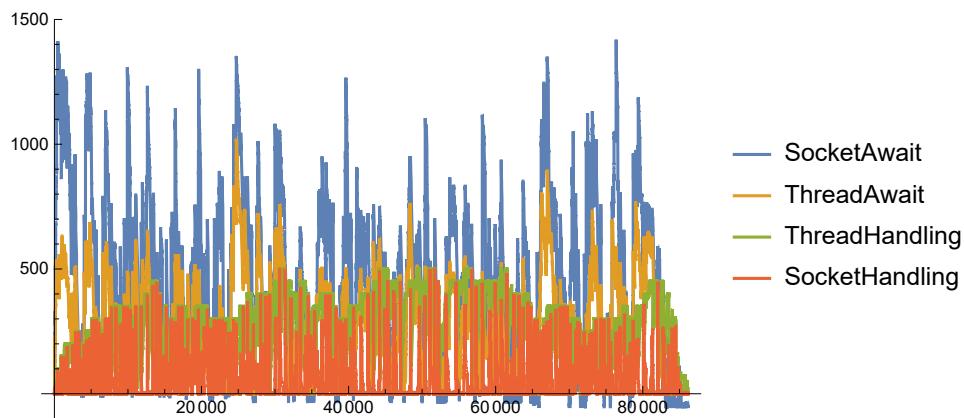


Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput	Received KB/sec	Sent KB/sec
HTTP Request	1000000	745	663	1257	1460	2026	2	2850	0.000 %	12901.29	37421.97	217.99
TOTAL	1000000	745	663	1257	1460	2026	2	2850	0.000 %	12901.29	37421.97	217.99

压力测试：1500线程，每线程100请求

线程自动调节，设置最大值1000，每线程处理10组Socket

```
DATA = Import["D:\\Workspace\\JavaNtwkJAVA\\testResult\\1500-100\\log.csv"];
size = Length[DATA];
part = size;
ThreadHandling = DATA[[1 ;; part, 1]];
ThreadLimit = DATA[[1 ;; part, 2]];
ThreadAwait = DATA[[1 ;; part, 3]];
SocketHandling = DATA[[1 ;; part, 4]];
SocketAwait = DATA[[1 ;; part, 5]];
ListPlot[{SocketAwait, ThreadAwait, ThreadHandling, SocketHandling}, Joined -> True,
 PlotLegends -> {"SocketAwait", "ThreadAwait", "ThreadHandling", "SocketHandling"}]
REPORT = Import["D:\\Workspace\\JavaNtwkJAVA\\testResult\\1500-100\\aggregate.csv"];
Grid[REPORT, Frame -> All]
```

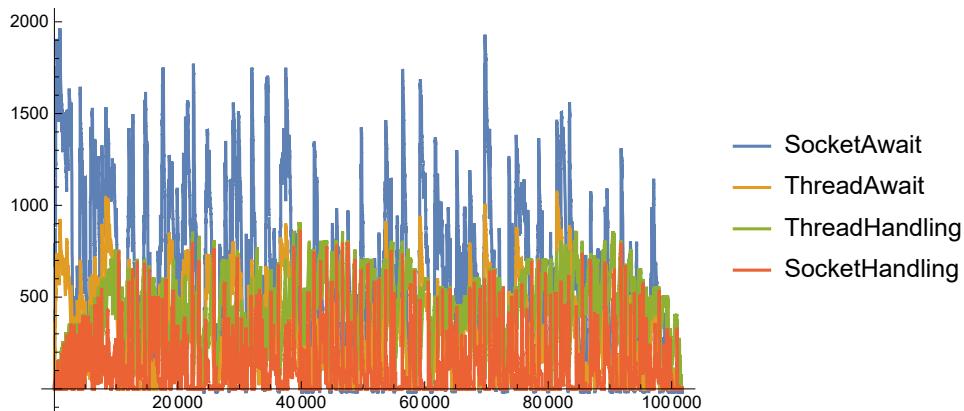


Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput	Received KB/sec	Sent KB/sec
HTTP Request	150000	1357	1270	2171	2489	3062	2	4725	0.000 %	1073.04	3117.15	181.28
TOTAL	150000	1357	1270	2171	2489	3062	2	4725	0.000 %	1073.04	3117.15	181.28

压力测试：2000线程，每线程100请求

线程自动调节，设置最大值1000，每线程处理10组Socket

```
DATA = Import["D:\\\\Workspace\\\\JavaNtwkJAVA\\\\testResult\\\\2000-100-2\\\\log.csv"];
size = Length[DATA];
part = size;
ThreadHandling = DATA[[1 ;; part, 1]];
ThreadLimit = DATA[[1 ;; part, 2]];
ThreadAwait = DATA[[1 ;; part, 3]];
SocketHandling = DATA[[1 ;; part, 4]];
SocketAwait = DATA[[1 ;; part, 5]];
ListPlot[{SocketAwait, ThreadAwait, ThreadHandling, SocketHandling}, Joined -> True,
 PlotLegends -> {"SocketAwait", "ThreadAwait", "ThreadHandling", "SocketHandling"}]
REPORT = Import["D:\\\\Workspace\\\\JavaNtwkJAVA\\\\testResult\\\\2000-100-2\\\\aggregate.csv"];
Grid[REPORT, Frame -> All]
```



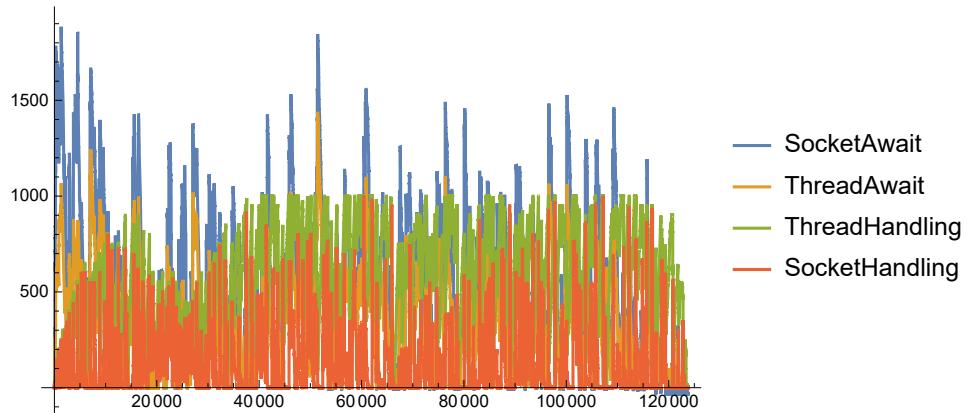
Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput	Received KB/sec	Sent KB/sec
HTTP Request	200000	2205	2103	3420	3833	4747	2	8257	1.805 %	886.152	2563.27	147.01
TOTAL	200000	2205	2103	3420	3833	4747	2	8257	1.805 %	886.152	2563.27	147.01

线程自动调节，设置最大值1000，每线程处理20组Socket

```

DATA = Import["D:\\Workspace\\JavaNtwkJAVA\\testResult\\2000-100\\log.csv"];
size = Length[DATA];
part = size;
ThreadHandling = DATA[[1 ;; part, 1]];
ThreadLimit = DATA[[1 ;; part, 2]];
ThreadAwait = DATA[[1 ;; part, 3]];
SocketHandling = DATA[[1 ;; part, 4]];
SocketAwait = DATA[[1 ;; part, 5]];
ListPlot[{SocketAwait, ThreadAwait, ThreadHandling, SocketHandling}, Joined -> True,
PlotLegends -> {"SocketAwait", "ThreadAwait", "ThreadHandling", "SocketHandling"}]
REPORT = Import["D:\\Workspace\\JavaNtwkJAVA\\testResult\\2000-100\\aggregate.csv"];
Grid[REPORT, Frame -> All]

```



Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Max	Error %	Throughput	Received KB/sec	Sent KB/sec
HTTP Request	200000	2228	2147	3411	3860	4756	1	9945	2.498 %	878.1275	25364.32	144.67
TOTAL	200000	2228	2147	3411	3860	4756	1	9945	2.498 %	878.1275	25364.32	144.67