

Timing Analysis

Timing Analysis: Single- and Multi-Threaded File Downloaders over Http					
Overall					
Bytes:	834862	10486003	104857871	524288251	1048579302
Single	11.8	205.1	1914	11411.7	15457
3	19.1	255.7		661.4	
7	19.1	255.7		661.4	
10	28.3	387.1		622.5	
Single Thread (milliseconds)					
	835 KB	10 MB	100 MB	500 MB	1 GB
Bytes:	834862	10486003	104857871	524288251	1048579302
Trial 1	10	194	1869	13873	15539
Trial 2	12	206	2013	10854	14068
Trial 3	13	204	1895	11832	15523
Trial 4	13	172	2091	11545	16778
Trial 5	11	201	2016	13065	15224
Trial 6	10	202	2025	12453	16636
Trial 7	13	229	1713	9306	16619
Trial 8	12	204	1845	10649	14158
Trial 9	11	209	1988	10060	14888
Trial 10	13	230	1685	10480	15137
Average	11.8	205.1	1914	11411.7	15457
3 Threads (milliseconds)					
	835 KB	10 MB		500 MB	
Bytes:	834862	10486003		524288251	
Trial 1	18	327		721	
Trial 2	17	3		861	
Trial 3	18	1		835	
Trial 4	20	322		457	
Trial 5	22	333		760	
Trial 6	18	318		770	
Trial 7	21	311		623	
Trial 8	20	319		281	
Trial 9	20	291		515	
Trial 10	17	332		791	
Average	19.1	255.7		661.4	

Timing Analysis

	7 Threads (milliseconds)				
	835 KB	10 MB		500 MB	
Bytes:	834862	10486003		524288251	
Trial 1	23	318		474	
Trial 2	26	338		874	
Trial 3	27	395		914	
Trial 4	27	401		610	
Trial 5	28	502		843	
Trial 6	23	401		211	
Trial 7	23	364		190	
Trial 8	23	356		913	
Trial 9	27	345		808	
Trial 10	23	380		427	
Average	25	380		626.4	
	10 Threads (milliseconds)				
	835 KB	10 MB		500 MB	
Bytes:	834862	10486003		524288251	
Trial 1	24	362		579	
Trial 2	33	344		968	
Trial 3	33	370		656	
Trial 4	31	377		706	
Trial 5	25	457		595	
Trial 6	23	358		559	
Trial 7	27	383		898	
Trial 8	27	360		626	
Trial 9	30	425		232	
Trial 10	30	435		406	
Average	28.3	387.1		622.5	