Overhead analysis of client-server
Suqian Wang

The overhead of sending a request to a separate process (average 15.19 musec) is much larger than handling the request in a local function (average 1.73 musec). Results were presented in the chart below.

request		Generate data on sever(musec)	Invocation delay of request(musec)	overhead difference
data	TestPerson0	2	56	54
data	TestPerson1	1	50	49
data	TestPerson2	2	37	35
data	TestPerson3	1	24	23
data	TestPerson4	2	23	21
data	TestPerson5	2	16	14
data	TestPerson6	1	13	12
data	TestPerson7	2	12	10
data	TestPerson8	3	19	16
data	TestPerson9	2	14	12
data	TestPerson10	2	13	11
data	TestPerson11	2	12	10
data	TestPerson12	1	12	11
data	TestPerson13	3	18	15
data	TestPerson14	2	13	11
data	TestPerson15	2	12	10
data	TestPerson16	1	12	11
data	TestPerson17	2	19	17
data	TestPerson18	2	15	13
data	TestPerson19	2	13	11
data	TestPerson20	1	12	11
data	TestPerson21	2	12	10
data	TestPerson22	2	12	10
data	TestPerson23	2	13	11
data	TestPerson24	2	15	13
data	TestPerson25	1	14	13
data	TestPerson26	2	12	10
data	TestPerson27	2	12	10
data	TestPerson28	1	29	28
data	TestPerson29	2	14	12
data	TestPerson30	2	12	10

data	TestPerson31	2	17	15
data	TestPerson32	2	13	11
data	TestPerson33	1	12	11
data	TestPerson34	2	12	10
data	TestPerson35	2	26	24
data	TestPerson36	2	13	11
data	TestPerson37	2	20	18
data	TestPerson38	3	23	20
data	TestPerson39	3	20	17
data	TestPerson40	3	19	16
data	TestPerson41	3	18	15
data	TestPerson42	2	16	14
data	TestPerson43	3	20	17
data	TestPerson44	2	20	18
data	TestPerson45	3	19	16
data	TestPerson46	3	17	14
data	TestPerson47	2	19	17
data	TestPerson48	2	15	13
data	TestPerson49	3	16	13
data	TestPerson50	1	12	11
data	TestPerson51	1	12	11
data	TestPerson52	1	13	12
data	TestPerson53	2	17	15
data	TestPerson54	2	13	11
data	TestPerson55	2	12	10
data	TestPerson56	1	12	11
data	TestPerson57	1	12	11
data	TestPerson58	2	12	10
data	TestPerson59	1	11	10
data	TestPerson60	2	12	10
data	TestPerson61	2	12	10
data	TestPerson62	2	12	10
data	TestPerson63	1	12	11
data	TestPerson64	1	11	10
data	TestPerson65	1	11	10
data	TestPerson66	2	12	10
data	TestPerson67	2	12	10
data	TestPerson68	2	12	10
data	TestPerson69	2	12	10
data	TestPerson70	1	11	10

data	TestPerson71	2	12	10
data	TestPerson72	2	12	10
data	TestPerson73	1	12	11
data	TestPerson74	1	12	11
data	TestPerson75	1	12	11
data	TestPerson76	2	12	10
data	TestPerson77	2	12	10
data	TestPerson78	1	12	11
data	TestPerson79	1	12	11
data	TestPerson80	1	11	10
data	TestPerson81	2	2	0
data	TestPerson82	2	12	10
data	TestPerson83	2	12	10
data	TestPerson84	2	21	19
data	TestPerson85	2	17	15
data	TestPerson86	2	21	19
data	TestPerson87	1	12	11
data	TestPerson88	1	11	10
data	TestPerson89	1	11	10
data	TestPerson90	1	11	10
data	TestPerson91	1	11	10
data	TestPerson92	1	12	11
data	TestPerson93	1	12	11
data	TestPerson94	1	26	25
data	TestPerson95	2	14	12
data	TestPerson96	1	12	11
data	TestPerson97	1	11	10
data	TestPerson98	1	11	10
data	TestPerson99	1	11	10
average		1.73	15.19	13.46