psinfo client - server protocol

All commands and responses are space-delimited strings

All commands and responses end with a newline

<> indicate a parameter to be filled in
e.g.   "put   <id>   <pid>   <name>\n"
could be filled in as: "put 9:30AM   187   grep\n"

client command	server response
"ping\n"	"ACK\n"
"put <id> <pid> <name>\n" example: "put 9:30AM 187 grep\n" "put 9:30AM 99 perl\n" "put 11:30PM 766 ruby\n"	"ACK\n" or "NACK\n"
"get <id>\n" example: "get 9:30AM\n" example: "get 8:15PM\n"	"<record count>\n" "<pid> <name>\n" ... example: "2\n" "187 grep\n" "99 perl\n" example: "0\n"

psinfo client command line

command	action
client client --help	print usage text
client <ip> <port> ping example: client 127.0.0.1 1234 ping	ping the server, print response
client <ip> <port> put <id> <pid> <name> example: client 127.0.0.1 1234 put 4:25PM 187 init client 127.0.0.1 1234 put 4:30PM 99 sshd	add a new <pid>, <name> tuple to the server for <id>; print response
client <ip> <port> get <id> example: client 127.0.0.1 1234 get 4:25PM	get all of the records for <id>; print each record on a new line

psinfo server command line

command	action
server server --help	print usage text
server start <ip> <port> example: server start 127.0.0.1 1234	start the server