echoclient

Generated by Doxygen 1.8.1.2

Sat Aug 31 2013 20:57:45

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

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Chapter 2

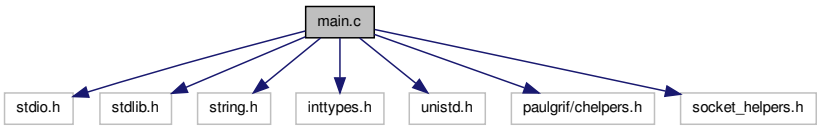
File Documentation

2.1 main.c File Reference

Entry point to echoclient.

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <inttypes.h>
#include <unistd.h>
#include <paulgrif/chelpers.h>
#include "socket_helpers.h"
```

Include dependency graph for main.c:



Macros

- #define MAX_BUFFER_LEN 1024

  Maximum character buffer size.

Functions

- void run_echo_client (const int c_sock)

  Runs the echo client.

- int connect_with_command_line_args (int argc, char **argv)

  Attempts to connect to a service specified in cmdline args.

- int main (int argc, char **argv)

  Main function.

2.1.1 Detailed Description

Entry point to echoclient.

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2.1.2 Macro Definition Documentation

2.1.2.1 #define MAX_BUFFER_LEN 1024

Maximum character buffer size.

2.1.3 Function Documentation

2.1.3.1 int connect_with_command_line_args (int *argc*, char ** *argv*)

Attempts to connect to a service specified in cmdline args.

Expects `argc` to be `3`, with `argv[1]` specifying a hostname or IP address, and `argv[2]` specifying a valid port.

Parameters

argc	Number of command line arguments, passed from main()
argv	Command line arguments, passed from main()

Returns

The file descriptor of the connected socket on success, or -1 on failure.

2.1.3.2 int main (int *argc*, char ** *argv*)

Main function.

Connects to an echo server and runs the echo client.

Returns

Exit status.

2.1.3.3 void run_echo_client (const int *c_sock*)

Runs the echo client.

Parameters

c_sock	File descriptor of the connected socket to use.

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