Московский Авиационный Институт

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Институт №8 "Компьютерные науки и прикладная математика"

Кафедра №806 "Вычислительная математика и программирование"

Курсовая работа по курсу

«Операционные системы»

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Постановка задачи

Вариант 3.

Цель работы

1. Приобретение практических навыков в использовании знаний, полученных в течении курса

2. Проведение исследования в выбранной предметной области

Задание

Необходимо спроектировать и реализовать программный прототип в соответствии с выбранным вариантом. Произвести анализ и сделать вывод на основании данных, полученных при работе программного прототипа.

Морской бой. Общение между сервером и клиентом необходимо организовать при помощи очередей сообщений (например, ZeroMQ). Каждый игрок должен при запуске ввести свой логин. Для каждого игрока должна вестись статистика игр (сколько побед/поражений). Игрок может посмотреть свою статистику.

Общий метод и алгоритм решения

Использованные системные вызовы:

- pid_t getpid(void);– Возвращает идентификатор (PID) текущего процесса.
- int kill(pid_t pid, int sig);– Отправляет сигнал процессу с указанным PID.
- unsigned int usleep(useconds_t usec);– Приостанавливает выполнение текущего процесса на заданное количество микросекунд.

1. Сервер запускается и ожидает команды (login, create, join, stats) от клиентов через ZeroMQ (сокет ZMQ_REP).
2. Клиент вводит логин (через stdin), отправляет команду login:<логин>, сервер проверяет, нет ли такого логина, и отвечает.
3. Клиент может создавать игровую «комнату» (create <имя_комнаты>) или присоединяться к уже существующей (join <имя_комнаты>). Когда в комнате набирается 2 игрока, сервер стартует логику «Морского боя».
4. В процессе «Морского боя» сервер «шлёт первым» (используя ZMQ_REQ), а клиент отвечает (на ZMQ_REP). Сервер может проверять, жив ли клиентский процесс, через kill(pid, 0). При неактивности или ошибке сервер завершает игру.
5. По итогам игры сервер обновляет статистику (wins/loses) для каждого логина. Клиент может потом продолжить, создав новую комнату или присоединившись к другой.

Код программы

Client.cpp

```cpp
#include <iostream>

#include <string>

#include <sstream>

#include <unistd.h>
```

```cpp
#include <csignal>
#include <thread>
#include <chrono>

#include "myMQ.h"

int PORT_ITER = 0; // Глобальная переменная из myMQ.hpp

// Указатель на «игровой» сокет
static zmq::socket_t* gPlayerSocket = nullptr;

/*
 * Игровой цикл: слушаем сервер (get_mes) и отвечаем (send_mes).
 * Возвращаемся, когда партия закончена (win/lose/ошибка).
 */
void gameLoop() {
    while (true) {
        std::string msg = get_mes(*gPlayerSocket);
        if (msg.empty()) {
            std::cout << "[Client] Пустое сообщение. Завершаем игровой режим.\n";
            return;
        }

        if (msg == "your_turn") {
            send_mes(*gPlayerSocket, "ok");
        }
        else if (msg == "not_your_turn") {
            send_mes(*gPlayerSocket, "ok");
        }
        else if (msg == "shoot") {
```

```cpp
        // Сервер просит координаты выстрела
        int x, y;
        std::cout << "[Client] Ваш ход! Введите x y: ";
        std::cin >> x >> y;
        std::stringstream ss;
        ss << "coords:" << x << ":" << y;
        send_mes(*gPlayerSocket, ss.str());
    }
    else if (msg == "shooted") {
        std::cout << "[Client] Попадание!\n";
        send_mes(*gPlayerSocket, "ok");
    }
    else if (msg == "miss") {
        std::cout << "[Client] Промах!\n";
        send_mes(*gPlayerSocket, "ok");
    }
    else if (msg.rfind("board", 0) == 0) {
        // Отобразим поле
        std::string boardStr = msg.substr(5);
        std::cout << "[Client] Текущее поле:\n" << boardStr << std::endl;
        send_mes(*gPlayerSocket, "ok");
    }
    else if (msg == "win") {
        std::cout << "[Client] Вы выиграли!\n";
        send_mes(*gPlayerSocket, "ok");
        return;
    }
    else if (msg == "lose") {
        std::cout << "[Client] Вы проиграли!\n";
        send_mes(*gPlayerSocket, "ok");
```

```cpp
                return;
            }
            else if (msg.rfind("Введите ориентацию", 0) == 0) {
                // Сервер просит ориентацию
                std::cout << msg << std::endl;
                std::string orientation;
                std::cin >> orientation;
                send_mes(*gPlayerSocket, orientation);
            }
            else if (msg.rfind("Разместите", 0) == 0) {
                // Сервер просит координаты (x, y)
                std::cout << msg << std::endl;
                int x, y;
                std::cin >> x >> y;
                std::stringstream ss;
                ss << "coords:" << x << ":" << y;
                send_mes(*gPlayerSocket, ss.str());
            }
            else if (msg.rfind("Error", 0) == 0) {
                std::cout << "[Client] Ошибка: " << msg << std::endl;
                send_mes(*gPlayerSocket, "ok");
            }
            else {
                std::cout << "[Client] Неизвестное сообщение: " << msg << std::endl;
            }
        }
    }
}

int main() {
    zmq::context_t context(2);
```

```cpp
// Сокет для команд (login, create, join, stats)
// Клиент = REQ, Сервер = REP
zmq::socket_t main_socket(context, ZMQ_REQ);

main_socket.connect(GetConPort(5555));


std::cout << "Добро пожаловать в Морской бой!\n";


// --- Авторизация ---
std::string login;
while (true) {
    std::cout << "Введите ваш логин: ";
    std::cin >> login;
    pid_t pid = getpid();


    std::stringstream ss;
    ss << "login:" << login << ":" << pid;
    send_mes(main_socket, ss.str());
    std::string resp = get_mes(main_socket);


    if (resp.rfind("Ok:", 0) == 0) {
        // Успешно
        auto colPos = resp.find(':');
        int socketIndex = std::stoi(resp.substr(colPos+1));
        // Игровой сокет (REP, т.к. сервер = REQ)
        gPlayerSocket = new zmq::socket_t(context, ZMQ_REP);
        gPlayerSocket->connect(GetConPort(5556 + socketIndex));


        std::cout << "[Client] Авторизация прошла успешно. Игровой порт: "
                  << (5556 + socketIndex) << std::endl;
```

```cpp
                break;
            }
            else if (resp.find("Error:NameAlreadyExist") == 0) {
                std::cout << "Ошибка: логин уже существует, попробуйте другой.\n";
            }
            else if (resp.find("Error:NoFreeSockets") == 0) {
                std::cout << "Ошибка: на сервере нет свободных слотов.\n";
                return 0;
            }
            else {
                std::cout << "Ошибка: " << resp << std::endl;
            }
        }


        // --- Цикл команд create/join/stats/exit ---
        while (true) {
            std::cout << "\n========================================\n"
                << "Доступные команды:\n"
                << " create <имя_игры> - создать комнату\n"
                << " join <имя_игры>   - присоединиться к комнате\n"
                << " stats          - показать свою статистику\n"
                << " exit           - выйти из программы\n"
                << "========================================\n"
                << "Введите команду: ";


            std::string command;
            std::cin >> command;
            if (command == "create") {
                std::string roomName;
                std::cin >> roomName;
```

```cpp
            std::stringstream ss;
            ss << "create:" << login << ":" << roomName;
            send_mes(main_socket, ss.str());
            std::string resp = get_mes(main_socket);
            std::cout << "[Client] Сервер ответил: " << resp << std::endl;


            if (resp.rfind("Ok:RoomCreated", 0) == 0) {
                std::cout << "[Client] Ожидаем второго игрока...\n";
                gameLoop();
                // Возврат в меню после окончания игры
            }
        }
        else if (command == "join") {
            std::string roomName;
            std::cin >> roomName;
            std::stringstream ss;
            ss << "join:" << login << ":" << roomName;
            send_mes(main_socket, ss.str());
            std::string resp = get_mes(main_socket);
            std::cout << "[Client] Сервер ответил: " << resp << std::endl;


            if (resp.rfind("Ok:RoomJoined", 0) == 0) {
                gameLoop();
                // После окончания партии снова в меню
            }
        }
        else if (command == "stats") {
            std::stringstream ss;
            ss << "stats:" << login;
            send_mes(main_socket, ss.str());
```

```cpp
        std::string resp = get_mes(main_socket);

        std::cout << "[Client] Статистика: " << resp << std::endl;

    }
    else if (command == "exit") {

        std::cout << "[Client] Завершение работы.\n";

        return 0;

    }
    else {

        std::cout << "[Client] Неизвестная команда.\n";

    }

  }


  return 0;

}
```

Game.h

```cpp
#pragma once


#include <iostream>

#include <string>

#include <sstream>

#include <csignal>

#include "player.h"


/*
 *Класс, управляющий логикой «Морского боя» между двумя игроками
 */
class Game {
public:

  Player player1;

  Player player2;
```

```cpp
/*
 *Запуск игры
 */
void play(zmq::socket_t& player1_socket,
        zmq::socket_t& player2_socket,
        pid_t first_player_pid,
        pid_t second_player_pid)
{
    std::cout << "[Server] Игра началась между (PID "
            << first_player_pid << ") и (PID "
            << second_player_pid << ")!\n";

    player1.num = 1;
    player2.num = 2;

    // Расстановка кораблей
    player1.placeShips(player1_socket, first_player_pid, second_player_pid);
    player2.placeShips(player2_socket, first_player_pid, second_player_pid);

    int turn = 0;
    while (!gameOver()) {
        bool alive = try_recv(first_player_pid, second_player_pid);
        if (!alive) {
            std::cout << "[Server] Игра прервана (один из процессов умер)\n";
            kill(first_player_pid, SIGTERM);
            kill(second_player_pid, SIGTERM);
            exit(0);
        }
```

```
if (turn % 2 == 0) {
    // Ход первого
    send_mes(player1_socket, "your_turn");
    get_mes(player1_socket);


    send_mes(player2_socket, "not_your_turn");
    get_mes(player2_socket);


    if (playerTurn(player1, player2, player1_socket, player2_socket)) {
        if (gameOver()) {
            // Победил 1
            send_mes(player1_socket, "win");
            get_mes(player1_socket);


            send_mes(player2_socket, "lose");
            get_mes(player2_socket);
            break;
        }
        // Повтор хода (попадание)
        continue;
    } else {
        turn++;
    }
} else {
    // Ход второго
    send_mes(player2_socket, "your_turn");
    get_mes(player2_socket);

    send_mes(player1_socket, "not_your_turn");
    get_mes(player1_socket);
```

```cpp
            if (playerTurn(player2, player1, player2_socket, player1_socket)) {

                if (gameOver()) {

                    // Победил 2

                    send_mes(player2_socket, "win");

                    get_mes(player2_socket);


                    send_mes(player1_socket, "lose");

                    get_mes(player1_socket);

                    break;

                }

                continue;

            } else {

                turn++;

            }

        }

    }

    std::cout << "[Server] Игра завершена!\n";

}


private:
    /*
     * Проверка, не уничтожены ли все корабли
     */
    bool gameOver() const {

        return allShipsDead(player1) || allShipsDead(player2);

    }


    bool allShipsDead(const Player& pl) const {

        for (auto& row : pl.board) {
```

```cpp
        for (auto c : row) {

            if (c == 'O') {

                return false;

            }

        }

    }

    return true;

}



/*

 * Ход: attacker стреляет по defender

 * true, если попадание (ход повторяется), иначе false

 */

bool playerTurn(Player& attacker, Player& defender,

        zmq::socket_t& attacker_socket,

        zmq::socket_t& defender_socket)

{

    // Говорим «shoot»

    send_mes(attacker_socket, "shoot");

    std::string recv = get_mes(attacker_socket);

    // Ожидаем: "coords:x:y"



    std::stringstream ss(recv);

    std::string cmd, sx, sy;

    std::getline(ss, cmd, ':'); // coords

    std::getline(ss, sx, ':');

    std::getline(ss, sy, ':');



    if (sx.empty() || sy.empty()) {

        // Неверный формат
```

```cpp
        send_mes(attacker_socket, "miss");

        get_mes(attacker_socket);


        send_mes(defender_socket, "miss");

        get_mes(defender_socket);

        return false;

    }


    int x = std::stoi(sx);

    int y = std::stoi(sy);


    // Проверка

    if (x < 0 || x >= BOARD_SIZE || y < 0 || y >= BOARD_SIZE) {

        // Мимо

        send_mes(attacker_socket, "miss");

        get_mes(attacker_socket);


        send_mes(defender_socket, "miss");

        get_mes(defender_socket);

        return false;

    }


    // Попал?

    if (defender.board[x][y] == 'O') {

        defender.board[x][y] = 'X';

        send_mes(attacker_socket, "shooted");

        get_mes(attacker_socket);


        send_mes(defender_socket, "shooted");

        get_mes(defender_socket);
```

```
            return true;

        } else {

            // Промах

            if (defender.board[x][y] == ' ') {

                defender.board[x][y] = '*';

            }

            send_mes(attacker_socket, "miss");

            get_mes(attacker_socket);


            send_mes(defender_socket, "miss");

            get_mes(defender_socket);


            // Покажем поле

            send_mes(attacker_socket, "board" + defender.getClearBoard());

            get_mes(attacker_socket);


            send_mes(defender_socket, "board" + defender.getBoard());

            get_mes(defender_socket);


            return false;

        }

    }

};
```

myMQ.h

```
#pragma once


#include <zmq.hpp>

#include <iostream>

#include <signal.h>

#include <string>
```

```cpp
/*
 *Глобальная переменная, отвечающая за индекс «игрового» сокета на сервере.
 */
extern int PORT_ITER;


/*
 *Получить строку для подключения по TCP на заданный порт
 */
inline std::string GetConPort(int port) {
    return "tcp://127.0.0.1:" + std::to_string(port);
}


/*
 *Отправка строки через сокет ZeroMQ
 */
inline bool send_mes(zmq::socket_t& socket, const std::string& message_string) {
    zmq::message_t message(message_string.size());
    memcpy(message.data(), message_string.c_str(), message_string.size());
    return bool(socket.send(message, zmq::send_flags::none));
}


/*
 *Получение строки из сокета ZeroMQ
 */
inline std::string get_mes(zmq::socket_t& socket) {
    zmq::message_t message;
    bool ok = false;
    try {
        ok = bool(socket.recv(message, zmq::recv_flags::none));
```

```cpp
    } catch(...) {

      ok = false;

    }

    if (!ok) {

      return "";

    }

    return std::string(static_cast<char*>(message.data()), message.size());

}


/*

 *Проверка, живы ли процессы (kill(pid, 0)).

 */

inline bool try_recv(pid_t first_player_pid, pid_t second_player_pid) {

    if (kill(first_player_pid, 0) != 0 || kill(second_player_pid, 0) != 0) {

        return false;

    }

    return true;

}
```

player.h

```cpp
#pragma once


#include <iostream>

#include <vector>

#include <string>

#include <sstream>

#include <csignal>

#include "myMQ.h"


// Размер игрового поля
```

```cpp
const int BOARD_SIZE = 10;

/*
 *Класс, описывающий игрока и его поле
 */
class Player {
public:
    // Поле 10x10
    std::vector<std::vector<char>> board;
    // Номер игрока (1 или 2)
    int num;


    Player() {
        board = std::vector<std::vector<char>>(BOARD_SIZE, std::vector<char>(BOARD_SIZE, '
'));
        num = 0;
    }


    /*
     *Простейшее размещение кораблей (один однопалубник)
     */
    void placeShips(zmq::socket_t& player_socket, pid_t first_player_pid, pid_t second_player_pid)
{
        // Спросим у клиента ориентацию
        send_mes(player_socket, "Введите ориентацию (V/H)");
        std::string orientation = get_mes(player_socket);
        {
            // Удалим лишние пробелы
            std::stringstream tmpSS(orientation);
            tmpSS >> orientation;
        }
```

```cpp
// Попросим координаты
send_mes(player_socket, "Разместите 1-палубный корабль (x y)");
std::string coords = get_mes(player_socket);


bool alive = try_recv(first_player_pid, second_player_pid);
if (!alive) {
    std::cout << "[Server] Игра прервана из-за смерти процесса\n";
    kill(first_player_pid, SIGTERM);
    kill(second_player_pid, SIGTERM);
    exit(0);
}


// Парсим полученные координаты (формат "coords:x:y")
int x = -1, y = -1;
{
    std::stringstream ss(coords);
    std::string tmp;
    std::getline(ss, tmp, ':'); // "coords"
    std::getline(ss, tmp, ':'); // x
    x = std::stoi(tmp);
    std::getline(ss, tmp, ':'); // y
    y = std::stoi(tmp);
}


if (x < 0 || x >= BOARD_SIZE || y < 0 || y >= BOARD_SIZE) {
    send_mes(player_socket, "Error: Неверные координаты");
    get_mes(player_socket); // читаем "ok"
    return;
}
```

```cpp
    // Размещаем корабль

    board[x][y] = 'O';



    // Покажем доску

    send_mes(player_socket, "board" + getBoard());

    get_mes(player_socket); // "ok"

}


/*

 *Возвращает поле игрока в виде строки (открытое, с кораблями)

 */

std::string getBoard() const {

    std::stringstream ss;

    ss << "\n  0 1 2 3 4 5 6 7 8 9\n";

    for (int i = 0; i < BOARD_SIZE; ++i) {

        ss << i << " ";

        for (int j = 0; j < BOARD_SIZE; ++j) {

            ss << board[i][j] << " ";

        }

        ss << "\n";

    }

    ss << "\n";

    return ss.str();

}


/*

 *Возвращает поле игрока без отображения кораблей (скрытые «O»)

 */

std::string getClearBoard() const {
```

```cpp
        std::stringstream ss;

        ss << "\n  0 1 2 3 4 5 6 7 8 9\n";

        for (int i = 0; i < BOARD_SIZE; ++i) {

            ss << i << " ";

            for (int j = 0; j < BOARD_SIZE; ++j) {

                if (board[i][j] == 'O') {

                    ss << "  ";

                } else {

                    ss << board[i][j] << " ";

                }

            }

            ss << "\n";

        }

        ss << "\n";

        return ss.str();

    }

};
```

server.cpp

```cpp
#include <iostream>

#include <string>

#include <map>

#include <unordered_map>

#include <csignal>

#include <unistd.h>

#include <sstream>


#include <zmq.hpp>


#include "myMQ.h"
```

```cpp
#include "game.h"
#include "player.h"

int PORT_ITER = 0;

// Структура игровой комнаты
struct GameRoom {
    std::string name;
    pid_t playersPid[2];
    zmq::socket_t* playersSock[2];
    int filled = 0;
};

int main() {
    zmq::context_t context(3);

    // Главный сокет (для команд login/create/join/stats) - REP
    zmq::socket_t main_socket(context, ZMQ_REP);
    main_socket.bind("tcp://*:5555");

    // «Игровые» сокеты - сервер = ZMQ_REQ (send->recv)
    const int MAX_SOCKETS = 5;
    zmq::socket_t sockets[MAX_SOCKETS] = {
        zmq::socket_t(context, ZMQ_REQ),
        zmq::socket_t(context, ZMQ_REQ),
        zmq::socket_t(context, ZMQ_REQ),
        zmq::socket_t(context, ZMQ_REQ),
        zmq::socket_t(context, ZMQ_REQ),
    };
    for (int i = 0; i < MAX_SOCKETS; i++) {
```

```cpp
        std::string bindStr = "tcp://*:" + std::to_string(5556 + i);

        sockets[i].bind(bindStr);

    }


    std::map<std::string, pid_t> loginMap;              // login -> pid

    std::map<pid_t, int> pidToSocketIndex;              // pid -> socket index

    std::unordered_map<std::string, std::pair<int,int>> stats;  // login -> (wins, loses)

    std::map<std::string, GameRoom> rooms;              // roomName -> GameRoom


    std::cout << "Сервер запущен.\n";


    while (true) {

        // Ждём команду от клиента (client=REQ, здесь=REP)

        std::string request = get_mes(main_socket);

        if (request.empty()) {

            send_mes(main_socket, "Error:EmptyRequest");

            continue;

        }

        std::cout << "[SERVER] Получено сообщение: " << request << std::endl;


        std::stringstream ss(request);

        std::string cmd;

        std::getline(ss, cmd, ':');


        if (cmd == "login") {

            // "login:<login>:<pid>"

            std::string login;

            std::getline(ss, login, ':');

            std::string pidStr;

            std::getline(ss, pidStr, ':');
```

```cpp
        pid_t p = (pid_t)std::stoi(pidStr);


        // Проверяем, нет ли уже такого логина
        if (loginMap.find(login) != loginMap.end()) {
            send_mes(main_socket, "Error:NameAlreadyExist");
            continue;
        }
        // Проверяем, есть ли свободный socketIndex
        if (PORT_ITER >= MAX_SOCKETS) {
            send_mes(main_socket, "Error:NoFreeSockets");
            continue;
        }


        loginMap[login] = p;
        pidToSocketIndex[p] = PORT_ITER;
        if (stats.find(login) == stats.end()) {
            stats[login] = {0, 0}; // wins=0, loses=0
        }


        // Ответ: "Ok:<index>"
        std::string resp = "Ok:" + std::to_string(PORT_ITER);
        send_mes(main_socket, resp);


        PORT_ITER++;
    }
    else if (cmd == "create") {
        // "create:<login>:<roomName>"
        std::string login, roomName;
        std::getline(ss, login, ':');
        std::getline(ss, roomName, ':');
```

```cpp
        if (loginMap.find(login) == loginMap.end()) {

            send_mes(main_socket, "Error:NeedLoginFirst");

            continue;

        }

        if (rooms.find(roomName) != rooms.end()) {

            send_mes(main_socket, "Error:RoomAlreadyExist");

            continue;

        }


        GameRoom gr;

        gr.name = roomName;

        gr.filled = 1;

        gr.playersPid[0] = loginMap[login];

        gr.playersPid[1] = 0;

        gr.playersSock[0] = &sockets[ pidToSocketIndex[ loginMap[login] ] ];

        gr.playersSock[1] = nullptr;


        rooms[roomName] = gr;


        send_mes(main_socket, "Ok:RoomCreated");

    }
    else if (cmd == "join") {

        // "join:<login>:<roomName>"

        std::string login, roomName;

        std::getline(ss, login, ':');

        std::getline(ss, roomName, ':');

        if (loginMap.find(login) == loginMap.end()) {

            send_mes(main_socket, "Error:NeedLoginFirst");

            continue;

        }
```

```cpp
auto it = rooms.find(roomName);

if (it == rooms.end()) {

    send_mes(main_socket, "Error:RoomNotExist");

    continue;

}

GameRoom &gr = it->second;

if (gr.filled >= 2) {

    send_mes(main_socket, "Error:RoomIsFull");

    continue;

}


gr.playersPid[1] = loginMap[login];

gr.playersSock[1] = &sockets[ pidToSocketIndex[ loginMap[login] ] ];

gr.filled++;


send_mes(main_socket, "Ok:RoomJoined");


// Если теперь 2 игрока — запускаем игру

if (gr.filled == 2) {

    pid_t pid1 = gr.playersPid[0];

    pid_t pid2 = gr.playersPid[1];

    zmq::socket_t &sock1 = *(gr.playersSock[0]);

    zmq::socket_t &sock2 = *(gr.playersSock[1]);


    std::cout << "[SERVER] Начинаем игру в комнате " << roomName << std::endl;

    Game game;

    game.play(sock1, sock2, pid1, pid2);


    // Определяем, кто проиграл (проверив поле у каждого)

    bool p1lost = false;
```

```cpp
bool p2lost = false;

// Проверяем поле player1
{
    bool p1Dead = true;
    for (auto &row : game.player1.board) {
        for (auto c : row) {
            if (c == 'O') {
                p1Dead = false;
                break;
            }
        }
        if (!p1Dead) break;
    }
    p1lost = p1Dead;
}

// Проверяем поле player2
{
    bool p2Dead = true;
    for (auto &row : game.player2.board) {
        for (auto c : row) {
            if (c == 'O') {
                p2Dead = false;
                break;
            }
        }
        if (!p2Dead) break;
    }
    p2lost = p2Dead;
```

```cpp
        }

        // Найдём логины этих pid
        std::string login1, login2;
        for (auto &kv : loginMap) {
            if (kv.second == pid1) login1 = kv.first;
            if (kv.second == pid2) login2 = kv.first;
        }
        // Обновим статистику
        if (!login1.empty() && !login2.empty()) {
            if (p1lost && !p2lost) {
                // Игрок1 проиграл, игрок2 выиграл
                stats[login1].second += 1;
                stats[login2].first += 1;
            }
            if (p2lost && !p1lost) {
                stats[login2].second += 1;
                stats[login1].first += 1;
            }
        }

        // Удалим комнату (по завершении)
        rooms.erase(roomName);
    }
}
else if (cmd == "stats") {
    // "stats:<login>"
    std::string login;
    std::getline(ss, login, ':');
    auto it = stats.find(login);
```

```cpp
                if (it == stats.end()) {

                    send_mes(main_socket, "Error:NoStats");

                } else {

                    auto [w, l] = it->second;

                    std::stringstream out;

                    out << "Stats: wins=" << w << ", loses=" << l;

                    send_mes(main_socket, out.str());

                }

            }

            else {

                send_mes(main_socket, "Error:UnknownCommand");

            }

        }


    return 0;

}
```

Протокол работы программы

Тестирование:

root@983c3166cd08:/workspaces/os_base/cp/src# ./server

Сервер запущен.

[SERVER] Получено сообщение: login:1:9065

[SERVER] Получено сообщение: create:1:1

[SERVER] Получено сообщение: login:2:9266

[SERVER] Получено сообщение: join:2:1

[SERVER] Начинаем игру в комнате 1

[Server] Игра началась между (PID 9065) и (PID 9266)!

root@983c3166cd08:/workspaces/os_base/cp/src# ./client

Добро пожаловать в Морской бой!

Введите ваш логин: 1

[Client] Авторизация прошла успешно. Игровой порт: 5556

==

Доступные команды:

  create <имя_игры> - создать комнату

  join <имя_игры>   - присоединиться к комнате

  stats   - показать свою статистику

  exit   - выйти из программы

==

Введите команду: create 1

[Client] Сервер ответил: Ok:RoomCreated

[Client] Ожидаем второго игрока...

Введите ориентацию (V/H)

V

Разместите 1-палубный корабль (x y)

1 1

[Client] Текущее поле:

 0 1 2 3 4 5 6 7 8 9

0

1 O

2

3

4

5

6

7

8

9

[Client] Ваш ход! Введите x y:

root@983c3166cd08:/workspaces/os_base/cp/src# ./client

Добро пожаловать в Морской бой!

Введите ваш логин: 2

[Client] Авторизация прошла успешно. Игровой порт: 5557

==

Доступные команды:

  create <имя_игры> - создать комнату

  join <имя_игры>   - присоединиться к комнате

  stats   - показать свою статистику

  exit   - выйти из программы

==

Введите команду: join 1

[Client] Сервер ответил: Ok:RoomJoined

Введите ориентацию (V/H)

H

Разместите 1-палубный корабль (x y)

2 2

[Client] Текущее поле:

 0 1 2 3 4 5 6 7 8 9

0

1

2   O

3

4

5

6

7

8

9

Server:

10507 execve("./server", ["./server"], 0x7ffc14d0d458 /* 26 vars */) = 0

10507 brk(NULL)   = 0xe96a000

10507 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2c6a77a000

10507 access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=25786, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 25786, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f2c6a773000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=774184, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 772088, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c6a6b6000

10507 mmap(0x7f2c6a6cf000, 487424, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x19000) = 0x7f2c6a6cf000

10507 mmap(0x7f2c6a746000, 147456, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x90000) = 0x7f2c6a746000

10507 mmap(0x7f2c6a76a000, 36864, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xb4000) = 0x7f2c6a76a000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/usr/local/lib64/libstdc++.so.6", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0755, st_size=2530008, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 2543808, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c6a448000

10507 mmap(0x7f2c6a4ed000, 1216512, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa5000) = 0x7f2c6a4ed000

10507 mmap(0x7f2c6a616000, 581632, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1ce000) = 0x7f2c6a616000

10507 mmap(0x7f2c6a6a4000, 57344, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x25c000) = 0x7f2c6a6a4000

10507 mmap(0x7f2c6a6b2000, 12480, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f2c6a6b2000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=907784, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 909560, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c6a369000

10507 mmap(0x7f2c6a379000, 471040, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7f2c6a379000

10507 mmap(0x7f2c6a3ec000, 368640, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x83000) = 0x7f2c6a3ec000

10507 mmap(0x7f2c6a446000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xdc000) = 0x7f2c6a446000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/usr/local/lib64/libgcc_s.so.1", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=906528, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 181160, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c6a33c000

10507 mmap(0x7f2c6a340000, 143360, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f2c6a340000

10507 mmap(0x7f2c6a363000, 16384, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x27000) = 0x7f2c6a363000

10507 mmap(0x7f2c6a367000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7f2c6a367000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\20t\2\0\0\0\0\0"..., 832) = 832

10507 pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

10507 newfstatat(3, "", {st_mode=S_IFREG|0755, st_size=1922136, ...}, AT_EMPTY_PATH) = 0

10507 pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

10507 mmap(NULL, 1970000, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c6a15b000

10507 mmap(0x7f2c6a181000, 1396736, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x26000) = 0x7f2c6a181000

10507 mmap(0x7f2c6a2d6000, 339968, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x17b000) = 0x7f2c6a2d6000

10507 mmap(0x7f2c6a329000, 24576, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1ce000) = 0x7f2c6a329000

10507 mmap(0x7f2c6a32f000, 53072, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f2c6a32f000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=84840, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2c6a159000

10507 mmap(NULL, 86224, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c6a143000

10507 mmap(0x7f2c6a147000, 49152, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f2c6a147000

10507 mmap(0x7f2c6a153000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7f2c6a153000

10507 mmap(0x7f2c6a156000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x13000) = 0x7f2c6a156000

10507 mmap(0x7f2c6a158000, 208, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f2c6a158000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libsodium.so.23", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0 \314\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=363208, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 365576, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c6a0e9000

10507 mprotect(0x7f2c6a0f5000, 311296, PROT_NONE) = 0

10507 mmap(0x7f2c6a0f5000, 233472, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7f2c6a0f5000

10507 mmap(0x7f2c6a12e000, 73728, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x45000) = 0x7f2c6a12e000

10507 mmap(0x7f2c6a141000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x57000) = 0x7f2c6a141000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpgm-5.3.so.0", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\220I\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=306400, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 326096, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c6a099000

10507 mmap(0x7f2c6a09d000, 167936, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f2c6a09d000

10507 mmap(0x7f2c6a0c6000, 118784, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2d000) = 0x7f2c6a0c6000

10507 mmap(0x7f2c6a0e3000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x49000) = 0x7f2c6a0e3000

10507 mmap(0x7f2c6a0e5000, 14800, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f2c6a0e5000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\300\246\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=489480, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 1214976, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69f70000

10507 mprotect(0x7f2c69f7a000, 438272, PROT_NONE) = 0

10507 mmap(0x7f2c69f7a000, 278528, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa000) = 0x7f2c69f7a000

10507 mmap(0x7f2c69fbe000, 155648, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4e000) = 0x7f2c69fbe000

10507 mmap(0x7f2c69fe5000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x74000) = 0x7f2c69fe5000

10507 mmap(0x7f2c69fe9000, 719360, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f2c69fe9000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=338680, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 337152, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69f1d000

10507 mmap(0x7f2c69f29000, 221184, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7f2c69f29000

10507 mmap(0x7f2c69f5f000, 53248, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x42000) = 0x7f2c69f5f000

10507 mmap(0x7f2c69f6c000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4f000) = 0x7f2c69f6c000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libmd.so.0", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=47312, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2c69f1b000

10507 mmap(NULL, 49384, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69f0e000

10507 mmap(0x7f2c69f10000, 28672, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f2c69f10000

10507 mmap(0x7f2c69f17000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7f2c69f17000

10507 mmap(0x7f2c69f19000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa000) = 0x7f2c69f19000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpthread.so.0", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=14480, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 16400, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69f09000

10507 mmap(0x7f2c69f0a000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1000) = 0x7f2c69f0a000

10507 mmap(0x7f2c69f0b000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f2c69f0b000

10507 mmap(0x7f2c69f0c000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f2c69f0c000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=888080, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 890784, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69e2f000

10507 mmap(0x7f2c69e52000, 389120, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x23000) = 0x7f2c69e52000

10507 mmap(0x7f2c69eb1000, 294912, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x82000) = 0x7f2c69eb1000

10507 mmap(0x7f2c69ef9000, 65536, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc9000) = 0x7f2c69ef9000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libk5crypto.so.3", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=183048, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 180952, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69e02000

10507 mmap(0x7f2c69e06000, 106496, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f2c69e06000

10507 mmap(0x7f2c69e20000, 53248, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1e000) = 0x7f2c69e20000

10507 mmap(0x7f2c69e2d000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7f2c69e2d000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libcom_err.so.2", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=18344, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 20552, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69dfc000

10507 mmap(0x7f2c69dfe000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f2c69dfe000

10507 mmap(0x7f2c69dff000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f2c69dff000

10507 mmap(0x7f2c69e00000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f2c69e00000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5support.so.0", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=52224, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2c69dfa000

10507 mmap(NULL, 54632, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69dec000

10507 mmap(0x7f2c69def000, 24576, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f2c69def000

10507 mmap(0x7f2c69df5000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7f2c69df5000

10507 mmap(0x7f2c69df8000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xb000) = 0x7f2c69df8000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkeyutils.so.1", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=22448, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 24592, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69de5000

10507 mmap(0x7f2c69de7000, 8192, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f2c69de7000

10507 mmap(0x7f2c69de9000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f2c69de9000

10507 mmap(0x7f2c69dea000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f2c69dea000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libresolv.so.2", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=60328, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 68136, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2c69dd4000

10507 mmap(0x7f2c69dd7000, 32768, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f2c69dd7000

10507 mmap(0x7f2c69ddf000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xb000) = 0x7f2c69ddf000

10507 mmap(0x7f2c69de1000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xd000) = 0x7f2c69de1000

10507 mmap(0x7f2c69de3000, 6696, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f2c69de3000

10507 close(3)   = 0

10507 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2c69dd2000

10507 mmap(NULL, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2c69dcf000

10507 arch_prctl(ARCH_SET_FS, 0x7f2c69dcf9c0) = 0

10507 set_tid_address(0x7f2c69dcfc90)   = 10507

10507 set_robust_list(0x7f2c69dcfca0, 24) = 0

10507 rseq(0x7f2c69dd02e0, 0x20, 0, 0x53053053) = 0

10507 mprotect(0x7f2c6a329000, 16384, PROT_READ) = 0

10507 mprotect(0x7f2c69de1000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c69dea000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c69df8000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c69e00000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c69e2d000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c69ef9000, 53248, PROT_READ) = 0

10507 mprotect(0x7f2c69f0c000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c69f19000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c69f6c000, 8192, PROT_READ) = 0

10507 mprotect(0x7f2c6a446000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c6a367000, 4096, PROT_READ) = 0

10507 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2c69dcd000

10507 mprotect(0x7f2c6a6a4000, 45056, PROT_READ) = 0

10507 mprotect(0x7f2c69fe5000, 12288, PROT_READ) = 0

10507 mprotect(0x7f2c6a0e3000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c6a141000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c6a156000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c6a76a000, 32768, PROT_READ) = 0

10507 mprotect(0x41b000, 4096, PROT_READ) = 0

10507 mprotect(0x7f2c6a7ac000, 8192, PROT_READ) = 0

10507 prlimit64(0, RLIMIT_STACK, NULL, {rlim_cur=8192*1024, rlim_max=RLIM64_INFINITY}) = 0

10507 munmap(0x7f2c6a773000, 25786)   = 0

10507 futex(0x7f2c6a6b273c, FUTEX_WAKE_PRIVATE, 2147483647) = 0

10507 getrandom("\x37\xbc\x72\xa3\x84\x5d\x1c\x83", 8, GRND_NONBLOCK) = 8

10507 brk(NULL)   = 0xe96a000

10507 brk(0xe98b000)   = 0xe98b000

10507 openat(AT_FDCWD, "/sys/devices/system/cpu/online", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "0-15\n", 1024)   = 5

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/sys/devices/system/cpu/possible", O_RDONLY|O_CLOEXEC) = 3

10507 read(3, "0-15\n", 1024)   = 5

10507 close(3)   = 0

10507 getpid()   = 10507

10507 sched_getaffinity(10507, 128, [0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15]) = 32

10507 newfstatat(AT_FDCWD, "/etc/nsswitch.conf", {st_mode=S_IFREG|0644, st_size=494, ...}, 0) = 0

10507 newfstatat(AT_FDCWD, "/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10507 openat(AT_FDCWD, "/etc/nsswitch.conf", O_RDONLY|O_CLOEXEC) = 3

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=494, ...}, AT_EMPTY_PATH) = 0

10507 read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 494

10507 read(3, "", 4096)   = 0

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=494, ...}, AT_EMPTY_PATH) = 0

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=25786, ...}, AT_EMPTY_PATH) = 0

10507 mmap(NULL, 25786, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f2c6a773000

10507 close(3)   = 0

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v4/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v4", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v4/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v4", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10507 openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v4/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v4", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/tls/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/tls/x86_64/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/tls/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/tls/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/tls", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10507 openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v4/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v4", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/tls/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/tls", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib/x86_64", 0x7fff0acfbbb0, 0) = -1 ENOENT (No such file or directory)

10507 openat(AT_FDCWD, "/usr/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10507 newfstatat(AT_FDCWD, "/usr/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10507 munmap(0x7f2c6a773000, 25786)   = 0

```
10507 openat(AT_FDCWD, "/etc/protocols", O_RDONLY|O_CLOEXEC) = 3

10507 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=3144, ...}, AT_EMPTY_PATH) = 0

10507 lseek(3, 0, SEEK_SET)          = 0

10507 read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 3144

10507 read(3, "", 4096)              = 0

10507 close(3)                       = 0

10507 eventfd2(0, EFD_CLOEXEC)       = 3

10507 fcntl(3, F_GETFL)              = 0x2 (flags O_RDWR)

10507 fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 fcntl(3, F_GETFL)              = 0x802 (flags O_RDWR|O_NONBLOCK)

10507 fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 getpid()                       = 10507

10507 getpid()                       = 10507

10507 getrandom("\x09\xab\xdc\x60\xef\xf7\x96\x37\x97\x4a\xa1\x5f\x04\x9d\xbd\x29", 16, 0) =
16

10507 getrandom("\x1a\x09\xf7\xb1\x1e\x7c\x05\xd0\x76\x47\x3a\xdf\xac\x14\x4a\xbc", 16, 0) =
16

10507 eventfd2(0, EFD_CLOEXEC)       = 4

10507 fcntl(4, F_GETFL)              = 0x2 (flags O_RDWR)

10507 fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 fcntl(4, F_GETFL)              = 0x802 (flags O_RDWR|O_NONBLOCK)

10507 fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 getpid()                       = 10507

10507 epoll_create1(EPOLL_CLOEXEC)   = 5

10507 epoll_ctl(5, EPOLL_CTL_ADD, 4, {events=0, data={u32=244827744, u64=244827744}})
= 0

10507 epoll_ctl(5, EPOLL_CTL_MOD, 4, {events=EPOLLIN, data={u32=244827744,
u64=244827744}}) = 0

10507 getpid()                       = 10507

10507 rt_sigaction(SIGRT_1, {sa_handler=0x7f2c6a1e1720, sa_mask=[],
sa_flags=SA_RESTORER|SA_ONSTACK|SA_RESTART|SA_SIGINFO,
sa_restorer=0x7f2c6a197050}, NULL, 8) = 0

10507 rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0

10507 mmap(NULL, 8392704, PROT_NONE,
MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f2c695cc000
```

10507 mprotect(0x7f2c695cd000, 8388608, PROT_READ|PROT_WRITE) = 0

10507 rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0

10507
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLO
NE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID,
child_tid=0x7f2c69dcc990, parent_tid=0x7f2c69dcc990, exit_signal=0, stack=0x7f2c695cc000,
stack_size=0x7ffd00, tls=0x7f2c69dcc6c0} => {parent_tid=[10509]}, 88) = 10509

10509 rseq(0x7f2c69dccfe0, 0x20, 0, 0x53053053 <unfinished ...>

10507 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10509 <... rseq resumed>)   = 0

10507 <... rt_sigprocmask resumed>NULL, 8) = 0

10509 set_robust_list(0x7f2c69dcc9a0, 24 <unfinished ...>

10507 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10509 <... set_robust_list resumed>)   = 0

10507 <... eventfd2 resumed>)   = 6

10509 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10507 fcntl(6, F_GETFL <unfinished ...>

10509 <... rt_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10509 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>

10507 fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10509 <... rt_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>)   = 0

10509 sched_getparam(10509, <unfinished ...>

10507 fcntl(6, F_GETFL <unfinished ...>

10509 <... sched_getparam resumed>[0]) = 0

10507 <... fcntl resumed>)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10509 sched_getscheduler(10509 <unfinished ...>

10507 fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10509 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)

10507 <... fcntl resumed>)   = 0

10509 sched_setscheduler(10509, SCHED_OTHER, [0] <unfinished ...>

10507 getpid(<unfinished ...>

10509 <... sched_setscheduler resumed>) = 0

10507 <... getpid resumed>)   = 10507

10509 prctl(PR_SET_NAME, "ZMQbg/Reaper" <unfinished ...>

10507 epoll_create1(EPOLL_CLOEXEC <unfinished ...>

10509 <... prctl resumed>)   = 0

10507 <... epoll_create1 resumed>)   = 7

10509 epoll_wait(5, <unfinished ...>

10507 epoll_ctl(7, EPOLL_CTL_ADD, 6, {events=0, data={u32=244831664, u64=244831664}})
= 0

10507 epoll_ctl(7, EPOLL_CTL_MOD, 6, {events=EPOLLIN, data={u32=244831664,
u64=244831664}}) = 0

10507 mmap(NULL, 8392704, PROT_NONE,
MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f2c68dcb000

10507 mprotect(0x7f2c68dcc000, 8388608, PROT_READ|PROT_WRITE) = 0

10507 rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0

10507
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLO
NE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID,
child_tid=0x7f2c695cb990, parent_tid=0x7f2c695cb990, exit_signal=0, stack=0x7f2c68dcb000,
stack_size=0x7ffd00, tls=0x7f2c695cb6c0} => {parent_tid=[10510]}, 88) = 10510

10510 rseq(0x7f2c695cbfe0, 0x20, 0, 0x53053053 <unfinished ...>

10507 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10510 <... rseq resumed>)   = 0

10507 <... rt_sigprocmask resumed>NULL, 8) = 0

10510 set_robust_list(0x7f2c695cb9a0, 24 <unfinished ...>

10507 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10510 <... set_robust_list resumed>)   = 0

10507 <... eventfd2 resumed>)   = 8

10510 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10507 fcntl(8, F_GETFL <unfinished ...>

10510 <... rt_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10510 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>

10507 fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10510 <... rt_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>)   = 0

10510 sched_getparam(10510, <unfinished ...>

10507 fcntl(8, F_GETFL <unfinished ...>

10510 <... sched_getparam resumed>[0]) = 0

10507 <... fcntl resumed>)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10510 sched_getscheduler(10510 <unfinished ...>

10507 fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10510 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)

10507 <... fcntl resumed>)   = 0

10510 sched_setscheduler(10510, SCHED_OTHER, [0] <unfinished ...>

10507 getpid(<unfinished ...>

10510 <... sched_setscheduler resumed>) = 0

10507 <... getpid resumed>)   = 10507

10510 prctl(PR_SET_NAME, "ZMQbg/IO/0" <unfinished ...>

10507 epoll_create1(EPOLL_CLOEXEC <unfinished ...>

10510 <... prctl resumed>)   = 0

10507 <... epoll_create1 resumed>)   = 9

10510 epoll_wait(7, <unfinished ...>

10507 epoll_ctl(9, EPOLL_CTL_ADD, 8, {events=0, data={u32=244851120, u64=244851120}})
= 0

10507 epoll_ctl(9, EPOLL_CTL_MOD, 8, {events=EPOLLIN, data={u32=244851120,
u64=244851120}}) = 0

10507 mmap(NULL, 8392704, PROT_NONE,
MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f2c685ca000

10507 mprotect(0x7f2c685cb000, 8388608, PROT_READ|PROT_WRITE) = 0

10507 rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0

10507
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLO
NE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID,
child_tid=0x7f2c68dca990, parent_tid=0x7f2c68dca990, exit_signal=0, stack=0x7f2c685ca000,
stack_size=0x7ffd00, tls=0x7f2c68dca6c0} => {parent_tid=[10511]}, 88) = 10511

10511 rseq(0x7f2c68dcafe0, 0x20, 0, 0x53053053 <unfinished ...>

10507 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10511 <... rseq resumed>)   = 0

10507 <... rt_sigprocmask resumed>NULL, 8) = 0

10511 set_robust_list(0x7f2c68dca9a0, 24 <unfinished ...>

10507 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10511 <... set_robust_list resumed>)   = 0

10507 <... eventfd2 resumed>)   = 10

10511 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10507 fcntl(10, F_GETFL <unfinished ...>

10511 <... rt_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10511 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>

10507 fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10511 <... rt_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>)   = 0

10511 sched_getparam(10511, <unfinished ...>

10507 fcntl(10, F_GETFL <unfinished ...>

10511 <... sched_getparam resumed>[0]) = 0

10507 <... fcntl resumed>)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10511 sched_getscheduler(10511 <unfinished ...>

10507 fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10511 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)

10507 <... fcntl resumed>)   = 0

10511 sched_setscheduler(10511, SCHED_OTHER, [0] <unfinished ...>

10507 getpid(<unfinished ...>

10511 <... sched_setscheduler resumed>) = 0

10507 <... getpid resumed>)   = 10507

10511 prctl(PR_SET_NAME, "ZMQbg/IO/1" <unfinished ...>

10507 epoll_create1(EPOLL_CLOEXEC <unfinished ...>

10511 <... prctl resumed>)   = 0

10507 <... epoll_create1 resumed>)   = 11

10511 epoll_wait(9, <unfinished ...>

10507 epoll_ctl(11, EPOLL_CTL_ADD, 10, {events=0, data={u32=244853232, u64=244853232}}) = 0

10507 epoll_ctl(11, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=244853232, u64=244853232}}) = 0

10507 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f2c67dc9000

10507 mprotect(0x7f2c67dca000, 8388608, PROT_READ|PROT_WRITE) = 0

10507 rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0

10507
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLO
NE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID,
child_tid=0x7f2c685c9990, parent_tid=0x7f2c685c9990, exit_signal=0, stack=0x7f2c67dc9000,
stack_size=0x7ffd00, tls=0x7f2c685c96c0} => {parent_tid=[10512]}, 88) = 10512

10512 rseq(0x7f2c685c9fe0, 0x20, 0, 0x53053053 <unfinished ...>

10507 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10512 <... rseq resumed>)   = 0

10507 <... rt_sigprocmask resumed>NULL, 8) = 0

10512 set_robust_list(0x7f2c685c99a0, 24 <unfinished ...>

10507 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10512 <... set_robust_list resumed>)   = 0

10507 <... eventfd2 resumed>)   = 12

10512 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10507 fcntl(12, F_GETFL <unfinished ...>

10512 <... rt_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10512 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>

10507 fcntl(12, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10512 <... rt_sigprocmask resumed>NULL, 8) = 0

10507 <... fcntl resumed>)   = 0

10512 sched_getparam(10512, <unfinished ...>

10507 fcntl(12, F_GETFL <unfinished ...>

10512 <... sched_getparam resumed>[0]) = 0

10507 <... fcntl resumed>)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10512 sched_getscheduler(10512 <unfinished ...>

10507 fcntl(12, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10512 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)

10507 <... fcntl resumed>)   = 0

10512 sched_setscheduler(10512, SCHED_OTHER, [0] <unfinished ...>

10507 getpid(<unfinished ...>

10512 <... sched_setscheduler resumed>) = 0

10507 <... getpid resumed>)   = 10507

10512 prctl(PR_SET_NAME, "ZMQbg/IO/2" <unfinished ...>

10507 getpid(<unfinished ...>

10512 <... prctl resumed>)   = 0

10507 <... getpid resumed>)   = 10507

10512 epoll_wait(11, <unfinished ...>

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP) = 13

10507 setsockopt(13, SOL_SOCKET, SO_REUSEADDR, [1], 4) = 0

10507 bind(13, {sa_family=AF_INET, sin_port=htons(5555), sin_addr=inet_addr("0.0.0.0")}, 16) = 0

10507 listen(13, 100)   = 0

10507 getsockname(13, {sa_family=AF_INET, sin_port=htons(5555), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getsockname(13, {sa_family=AF_INET, sin_port=htons(5555), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getpid()   = 10507

10507 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10510 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 getpid(<unfinished ...>

10510 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... getpid resumed>)   = 10507

10507 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>)   = 8

10510 <... poll resumed>)   = 1 ([{fd=6, revents=POLLIN}])

10507 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10510 getpid(<unfinished ...>

10507 <... eventfd2 resumed>)   = 14

10510 <... getpid resumed>)   = 10507

10507 fcntl(14, F_GETFL <unfinished ...>

10510 read(6, <unfinished ...>

10507 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10510 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 fcntl(14, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10510 mmap(NULL, 134217728, PROT_NONE,
MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE, -1, 0 <unfinished ...>

10507 <... fcntl resumed>)   = 0

10510 <... mmap resumed>)   = 0x7f2c5fdc9000

10507 fcntl(14, F_GETFL <unfinished ...>

10510 munmap(0x7f2c5fdc9000, 2322432 <unfinished ...>

10507 <... fcntl resumed>)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10510 <... munmap resumed>)   = 0

10507 fcntl(14, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10510 munmap(0x7f2c64000000, 64786432 <unfinished ...>

10507 <... fcntl resumed>)   = 0

10510 <... munmap resumed>)   = 0

10507 getpid(<unfinished ...>

10510 mprotect(0x7f2c60000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... mprotect resumed>)   = 0

10507 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10510 epoll_ctl(7, EPOLL_CTL_ADD, 13, {events=0, data={u32=1610615664,
u64=139828565904240}} <unfinished ...>

10507 <... eventfd2 resumed>)   = 15

10510 <... epoll_ctl resumed>)   = 0

10507 fcntl(15, F_GETFL <unfinished ...>

10510 epoll_ctl(7, EPOLL_CTL_MOD, 13, {events=EPOLLIN, data={u32=1610615664,
u64=139828565904240}} <unfinished ...>

10507 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10510 <... epoll_ctl resumed>)   = 0

10507 fcntl(15, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10510 getpid(<unfinished ...>

10507 <... fcntl resumed>)   = 0

10510 <... getpid resumed>)   = 10507

10507 fcntl(15, F_GETFL <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... fcntl resumed>)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10510 <... poll resumed>)   = 0 (Timeout)

10507 fcntl(15, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10510 epoll_wait(7, <unfinished ...>

10507 <... fcntl resumed>)   = 0

10507 getpid()   = 10507

10507 eventfd2(0, EFD_CLOEXEC)   = 16

10507 fcntl(16, F_GETFL)   = 0x2 (flags O_RDWR)

10507 fcntl(16, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 fcntl(16, F_GETFL)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10507 fcntl(16, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 getpid()   = 10507

10507 eventfd2(0, EFD_CLOEXEC)   = 17

10507 fcntl(17, F_GETFL)   = 0x2 (flags O_RDWR)

10507 fcntl(17, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 fcntl(17, F_GETFL)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10507 fcntl(17, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 getpid()   = 10507

10507 eventfd2(0, EFD_CLOEXEC)   = 18

10507 fcntl(18, F_GETFL)   = 0x2 (flags O_RDWR)

10507 fcntl(18, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 fcntl(18, F_GETFL)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10507 fcntl(18, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10507 getpid()   = 10507

10507 getpid()   = 10507

10507 poll([{fd=14, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP) = 21

10507 setsockopt(21, SOL_SOCKET, SO_REUSEADDR, [1], 4) = 0

10507 bind(21, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("0.0.0.0")}, 16)
= 0

10507 listen(21, 100)   = 0

10507 getsockname(21, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getsockname(21, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getpid()   = 10507

10507 write(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10511 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244851120, u64=244851120}}], 256, -1) = 1

10507 getpid(<unfinished ...>

10511 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10511 <... getpid resumed>)   = 10507

10507 write(14, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10511 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>)   = 8

10511 <... poll resumed>)   = 1 ([{fd=8, revents=POLLIN}])

10507 getpid(<unfinished ...>

10511 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10511 <... getpid resumed>)   = 10507

10507 poll([{fd=15, events=POLLIN}], 1, 0 <unfinished ...>

10511 read(8, <unfinished ...>

10507 <... poll resumed>)   = 0 (Timeout)

10511 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP <unfinished ...>

10511 mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE, -1, 0 <unfinished ...>

10507 <... socket resumed>)   = 22

10511 <... mmap resumed>)   = 0x7f2c58000000

10507 setsockopt(22, SOL_SOCKET, SO_REUSEADDR, [1], 4 <unfinished ...>

10511 munmap(0x7f2c5c000000, 67108864 <unfinished ...>

10507 <... setsockopt resumed>)   = 0

10511 <... munmap resumed>)   = 0

10507 bind(22, {sa_family=AF_INET, sin_port=htons(5557), sin_addr=inet_addr("0.0.0.0")}, 16 <unfinished ...>

10511 mprotect(0x7f2c58000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>

10507 <... bind resumed>)   = 0

10511 <... mprotect resumed>)   = 0

10507 listen(22, 100 <unfinished ...>

10511 epoll_ctl(9, EPOLL_CTL_ADD, 21, {events=0, data={u32=1476397936, u64=139828431686512}} <unfinished ...>

10507 <... listen resumed>)   = 0

10511 <... epoll_ctl resumed>)   = 0

10507 getsockname(22, <unfinished ...>

10511 epoll_ctl(9, EPOLL_CTL_MOD, 21, {events=EPOLLIN, data={u32=1476397936, u64=139828431686512}} <unfinished ...>

10507 <... getsockname resumed>{sa_family=AF_INET, sin_port=htons(5557), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10511 <... epoll_ctl resumed>)   = 0

10507 getsockname(22, <unfinished ...>

10511 getpid(<unfinished ...>

10507 <... getsockname resumed>{sa_family=AF_INET, sin_port=htons(5557), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10511 <... getpid resumed>)   = 10507

10507 getpid(<unfinished ...>

10511 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... getpid resumed>)   = 10507

10511 <... poll resumed>)   = 0 (Timeout)

10507 write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10511 epoll_wait(9, <unfinished ...>

10507 <... write resumed>)   = 8

10511 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244851120, u64=244851120}}], 256, -1) = 1

10507 getpid(<unfinished ...>

10511 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10511 <... getpid resumed>)   = 10507

10507 write(15, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10511 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>)   = 8

10511 <... poll resumed>)   = 1 ([{fd=8, revents=POLLIN}])

10507 getpid(<unfinished ...>

10511 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10511 <... getpid resumed>)   = 10507

10507 poll([{fd=16, events=POLLIN}], 1, 0 <unfinished ...>

10511 read(8, <unfinished ...>

10507 <... poll resumed>)   = 0 (Timeout)

10511 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP <unfinished ...>

10511 epoll_ctl(9, EPOLL_CTL_ADD, 22, {events=0, data={u32=1476397968, u64=139828431686544}} <unfinished ...>

10507 <... socket resumed>)   = 23

10511 <... epoll_ctl resumed>)   = 0

10507 setsockopt(23, SOL_SOCKET, SO_REUSEADDR, [1], 4 <unfinished ...>

10511 epoll_ctl(9, EPOLL_CTL_MOD, 22, {events=EPOLLIN, data={u32=1476397968, u64=139828431686544}} <unfinished ...>

10507 <... setsockopt resumed>)   = 0

10511 <... epoll_ctl resumed>)   = 0

10507 bind(23, {sa_family=AF_INET, sin_port=htons(5558), sin_addr=inet_addr("0.0.0.0")}, 16 <unfinished ...>

10511 getpid(<unfinished ...>

10507 <... bind resumed>)   = 0

10511 <... getpid resumed>)   = 10507

10507 listen(23, 100 <unfinished ...>

10511 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... listen resumed>)   = 0

10511 <... poll resumed>)   = 0 (Timeout)

10507 getsockname(23, <unfinished ...>

10511 epoll_wait(9, <unfinished ...>

10507 <... getsockname resumed>{sa_family=AF_INET, sin_port=htons(5558), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getsockname(23, {sa_family=AF_INET, sin_port=htons(5558), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getpid()   = 10507

10507 write(10, "\1\0\0\0\0\0\0\0", 8) = 8

10512 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244853232, u64=244853232}}], 256, -1) = 1

10507 getpid(<unfinished ...>

10512 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10512 <... getpid resumed>)   = 10507

10507 write(16, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10512 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>)   = 8

10512 <... poll resumed>)   = 1 ([{fd=10, revents=POLLIN}])

10507 getpid(<unfinished ...>

10512 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10512 <... getpid resumed>)   = 10507

10507 poll([{fd=17, events=POLLIN}], 1, 0 <unfinished ...>

10512 read(10, <unfinished ...>

10507 <... poll resumed>)   = 0 (Timeout)

10512 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP <unfinished ...>

10512 mmap(0x7f2c5c000000, 67108864, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE, -1, 0 <unfinished ...>

10507 <... socket resumed>)   = 24

10512 <... mmap resumed>)   = 0x7f2c5c000000

10507 setsockopt(24, SOL_SOCKET, SO_REUSEADDR, [1], 4 <unfinished ...>

10512 mprotect(0x7f2c5c000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>

10507 <... setsockopt resumed>)   = 0

10512 <... mprotect resumed>)   = 0

10507 bind(24, {sa_family=AF_INET, sin_port=htons(5559), sin_addr=inet_addr("0.0.0.0")}, 16 <unfinished ...>

10512 epoll_ctl(11, EPOLL_CTL_ADD, 23, {events=0, data={u32=1543506800, u64=139828498795376}} <unfinished ...>

10507 <... bind resumed>)   = 0

10512 <... epoll_ctl resumed>)   = 0

10507 listen(24, 100 <unfinished ...>

10512 epoll_ctl(11, EPOLL_CTL_MOD, 23, {events=EPOLLIN, data={u32=1543506800, u64=139828498795376}} <unfinished ...>

10507 <... listen resumed>)   = 0

10512 <... epoll_ctl resumed>)   = 0

10507 getsockname(24, <unfinished ...>

10512 getpid(<unfinished ...>

10507 <... getsockname resumed>{sa_family=AF_INET, sin_port=htons(5559), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10512 <... getpid resumed>)   = 10507

10507 getsockname(24, <unfinished ...>

10512 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... getsockname resumed>{sa_family=AF_INET, sin_port=htons(5559), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10512 <... poll resumed>)   = 0 (Timeout)

10507 getpid(<unfinished ...>

10512 epoll_wait(11, <unfinished ...>

10507 <... getpid resumed>)   = 10507

10507 write(10, "\1\0\0\0\0\0\0\0", 8) = 8

10512 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244853232, u64=244853232}}], 256, -1) = 1

10507 getpid(<unfinished ...>

10512 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10512 <... getpid resumed>)   = 10507

10507 write(17, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10512 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>)   = 8

10512 <... poll resumed>)   = 1 ([{fd=10, revents=POLLIN}])

10507 getpid(<unfinished ...>

10512 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10512 <... getpid resumed>)   = 10507

10507 poll([{fd=18, events=POLLIN}], 1, 0 <unfinished ...>

10512 read(10, <unfinished ...>

10507 <... poll resumed>)   = 0 (Timeout)

10512 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP <unfinished ...>

10512 epoll_ctl(11, EPOLL_CTL_ADD, 24, {events=0, data={u32=1543506832, u64=139828498795408}} <unfinished ...>

10507 <... socket resumed>)   = 25

10512 <... epoll_ctl resumed>)   = 0

10507 setsockopt(25, SOL_SOCKET, SO_REUSEADDR, [1], 4 <unfinished ...>

10512 epoll_ctl(11, EPOLL_CTL_MOD, 24, {events=EPOLLIN, data={u32=1543506832, u64=139828498795408}} <unfinished ...>

10507 <... setsockopt resumed>)   = 0

10512 <... epoll_ctl resumed>)   = 0

10507 bind(25, {sa_family=AF_INET, sin_port=htons(5560), sin_addr=inet_addr("0.0.0.0")}, 16 <unfinished ...>

10512 getpid(<unfinished ...>

10507 <... bind resumed>)   = 0

10512 <... getpid resumed>)   = 10507

10507 listen(25, 100 <unfinished ...>

10512 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... listen resumed>)   = 0

10512 <... poll resumed>)   = 0 (Timeout)

10507 getsockname(25, <unfinished ...>

10512 epoll_wait(11, <unfinished ...>

10507 <... getsockname resumed>{sa_family=AF_INET, sin_port=htons(5560), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getsockname(25, {sa_family=AF_INET, sin_port=htons(5560), sin_addr=inet_addr("0.0.0.0")}, [128 => 16]) = 0

10507 getpid()   = 10507

10507 write(6, "\1\0\0\0\0\0\0\0", 8) = 8

10510 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 getpid(<unfinished ...>

10510 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... getpid resumed>)   = 10507

10507 write(18, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... write resumed>)   = 8

10510 <... poll resumed>)   = 1 ([{fd=6, revents=POLLIN}])

10507 newfstatat(1, "", <unfinished ...>

10510 getpid(<unfinished ...>

10507 <... newfstatat resumed>{st_mode=S_IFCHR|0620, st_rdev=makedev(0x88, 0), ...}, AT_EMPTY_PATH) = 0

10510 <... getpid resumed>)   = 10507

10507 write(1, "\320\241\320\265\321\200\320\262\320\265\321\200 \320\267\320\260\320\277\321\203\321\211\320\265\320\275.\n", 29 <unfinished ...>

10510 read(6, <unfinished ...>

10507 <... write resumed>)   = 29

10510 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 getpid(<unfinished ...>

10510 epoll_ctl(7, EPOLL_CTL_ADD, 25, {events=0, data={u32=1610615696, u64=139828565904272}} <unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... epoll_ctl resumed>)   = 0

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 epoll_ctl(7, EPOLL_CTL_MOD, 25, {events=EPOLLIN, data={u32=1610615696, u64=139828565904272}} <unfinished ...>

10507 <... poll resumed>)   = 1 ([{fd=12, revents=POLLIN}])

10510 <... epoll_ctl resumed>)   = 0

10507 getpid(<unfinished ...>

10510 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... getpid resumed>)   = 10507

10507 read(12, <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 <... poll resumed>)   = 0 (Timeout)

10507 getpid(<unfinished ...>

10510 epoll_wait(7, <unfinished ...>

10507 <... getpid resumed>)   = 10507

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 getpid()   = 10507

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=1610615664, u64=139828565904240}}], 256, -1) = 1

10510 accept4(13, {sa_family=AF_INET, sin_port=htons(46920), sin_addr=inet_addr("127.0.0.1")}, [128 => 16], SOCK_CLOEXEC) = 26

10510 setsockopt(26, SOL_TCP, TCP_NODELAY, [1], 4) = 0

10510 getpeername(26, {sa_family=AF_INET, sin_port=htons(46920), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10510 getsockname(26, {sa_family=AF_INET, sin_port=htons(5555), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10510 getpeername(26, {sa_family=AF_INET, sin_port=htons(46920), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10510 fcntl(26, F_GETFL)   = 0x2 (flags O_RDWR)

10510 fcntl(26, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10510 getpid()   = 10507

10510 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10510 epoll_wait(7, [{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10510 getpid()   = 10507

10510 poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])

10510 getpid()   = 10507

10510 read(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10510 epoll_ctl(7, EPOLL_CTL_ADD, 26, {events=0, data={u32=1610615792, u64=139828565904368}}) = 0

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}) = 0

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN|EPOLLOUT, data={u32=1610615792, u64=139828565904368}}) = 0

10510 recvfrom(26, 0x7f2c60001318, 12, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10510 getpid()   = 10507

10510 poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)

10510 epoll_wait(7, [{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, 29998) = 1

10510 sendto(26, "\377\0\0\0\0\0\0\1\177", 10, 0, NULL, 0) = 10

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}) = 0

10510 epoll_wait(7, [{events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}], 256, 29996) = 1

10510 recvfrom(26, "\377\0\0\0\0\0\0\1\177\3", 12, 0, NULL, NULL) = 11

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN|EPOLLOUT, data={u32=1610615792, u64=139828565904368}}) = 0

10510 recvfrom(26, 0x7f2c60001323, 53, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10510 epoll_wait(7, [{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, 29992) = 1

10510 sendto(26, "\3\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 54, 0, NULL, 0) = 54

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}) = 0

10510 epoll_wait(7, [{events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}], 256, 29991) = 1

10510 recvfrom(26, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, NULL) = 53

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN|EPOLLOUT, data={u32=1610615792, u64=139828565904368}}) = 0

10510 recvfrom(26, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 8192, 0, NULL, NULL) = 40

10510 epoll_wait(7, [{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, 29984) = 1

10510 getpid()   = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8) = 8

10507 <... poll resumed>   = 1 ([{fd=12, revents=POLLIN}])

10510 futex(0x7f2c6a6b2748, FUTEX_WAKE_PRIVATE, 2147483647 <unfinished ...>

10507 getpid(<unfinished ...>

10510 <... futex resumed>   = 0

10507 <... getpid resumed>)   = 10507

10510 sendto(26, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 27, 0, NULL, 0 <unfinished ...>

10507 read(12, <unfinished ...>

10510 <... sendto resumed>)   = 27

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 epoll_wait(7, <unfinished ...>

10507 getpid(<unfinished ...>

10510 <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, -1) = 1

10507 <... getpid resumed>)   = 10507

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}} <unfinished ...>

10507 write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10510 <... epoll_ctl resumed>)   = 0

10507 <... write resumed>)   = 8

10510 epoll_wait(7, <unfinished ...>

10507 getpid(<unfinished ...>

10510 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 <... getpid resumed>)   = 10507

10510 getpid(<unfinished ...>

10507 poll([{fd=12, events=POLLIN}], 1, 0 <unfinished ...>

10510 <... getpid resumed>)   = 10507

10507 <... poll resumed>)   = 0 (Timeout)

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 getpid(<unfinished ...>

10510 <... poll resumed>)   = 1 ([{fd=6, revents=POLLIN}])

10507 <... getpid resumed>)   = 10507

10510 getpid(<unfinished ...>

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 <... getpid resumed>)   = 10507

10510 read(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10510 getpid()   = 10507

10510 poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)

10510 epoll_wait(7, [{events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}], 256, -1) = 1

10510 recvfrom(26, "\1\0\0\21login:andre:10606", 8192, 0, NULL, NULL) = 21

10510 getpid()   = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8) = 8

10507 <... poll resumed>   = 1 ([{fd=12, revents=POLLIN}])

10510 epoll_wait(7, <unfinished ...>

10507 getpid()   = 10507

10507 read(12, "\1\0\0\0\0\0\0\0", 8)   = 8

10507 getpid()   = 10507

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 getpid()   = 10507

10507 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10510 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 write(1, "[SERVER] \320\237\320\276\320\273\321\203\321\207\320\265\320\275\320\276 \321\201\320\276\320\276"..., 64 <unfinished ...>

10510 getpid(<unfinished ...>

10507 <... write resumed>   = 64

10510 <... getpid resumed>   = 10507

10507 getpid(<unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... getpid resumed>   = 10507

10510 <... poll resumed>   = 1 ([{fd=6, revents=POLLIN}])

10507 poll([{fd=12, events=POLLIN}], 1, 0 <unfinished ...>

10510 getpid(<unfinished ...>

10507 <... poll resumed>   = 0 (Timeout)

10510 <... getpid resumed>   = 10507

10507 getpid(<unfinished ...>

10510 read(6, <unfinished ...>

10507 <... getpid resumed>   = 10507

10510 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN|EPOLLOUT, data={u32=1610615792, u64=139828565904368}}) = 0

10510 getpid()   = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10507 <... poll resumed>)   = 1 ([{fd=12, revents=POLLIN}])

10510 <... write resumed>)   = 8

10507 getpid(<unfinished ...>

10510 sendto(26, "\1\0\0\4Ok:0", 8, 0, NULL, 0 <unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... sendto resumed>)   = 8

10507 read(12, <unfinished ...>

10510 getpid(<unfinished ...>

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 <... getpid resumed>)   = 10507

10507 getpid(<unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... poll resumed>)   = 0 (Timeout)

10507 poll([{fd=12, events=POLLIN}], 1, 0 <unfinished ...>

10510 epoll_wait(7, <unfinished ...>

10507 <... poll resumed>)   = 0 (Timeout)

10510 <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=1610615792, u64=139828565904368}}], 256, -1) = 1

10507 getpid(<unfinished ...>

10510 epoll_ctl(7, EPOLL_CTL_MOD, 26, {events=EPOLLIN, data={u32=1610615792, u64=139828565904368}} <unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... epoll_ctl resumed>)   = 0

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 epoll_wait(7, <unfinished ...>

10511 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=1476397936, u64=139828431686512}}], 256, -1) = 1

10511 accept4(21, {sa_family=AF_INET, sin_port=htons(42414), sin_addr=inet_addr("127.0.0.1")}, [128 => 16], SOCK_CLOEXEC) = 27

10511 setsockopt(27, SOL_TCP, TCP_NODELAY, [1], 4) = 0

10511 getpeername(27, {sa_family=AF_INET, sin_port=htons(42414), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10511 getsockname(27, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10511 getpeername(27, {sa_family=AF_INET, sin_port=htons(42414), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10511 fcntl(27, F_GETFL)   = 0x2 (flags O_RDWR)

10511 fcntl(27, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10511 getpid()   = 10507

10511 write(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10511 epoll_wait(9, [{events=EPOLLIN, data={u32=244851120, u64=244851120}}], 256, -1) = 1

10511 getpid()   = 10507

10511 poll([{fd=8, events=POLLIN}], 1, 0) = 1 ([{fd=8, revents=POLLIN}])

10511 getpid()   = 10507

10511 read(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10511 epoll_ctl(9, EPOLL_CTL_ADD, 27, {events=0, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll_ctl(9, EPOLL_CTL_MOD, 27, {events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll_ctl(9, EPOLL_CTL_MOD, 27, {events=EPOLLIN|EPOLLOUT, data={u32=1476398064, u64=139828431686640}}) = 0

10511 recvfrom(27, 0x7f2c58001318, 12, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10511 getpid()   = 10507

10511 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

10511 epoll_wait(9, [{events=EPOLLOUT, data={u32=1476398064, u64=139828431686640}}], 256, 29997) = 1

10511 sendto(27, "\377\0\0\0\0\0\0\1\177", 10, 0, NULL, 0) = 10

10511 epoll_ctl(9, EPOLL_CTL_MOD, 27, {events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll_wait(9, [{events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}], 256, 29996) = 1

10511 recvfrom(27, "\377\0\0\0\0\0\0\1\177\3", 12, 0, NULL, NULL) = 11

10511 epoll_ctl(9, EPOLL_CTL_MOD, 27, {events=EPOLLIN|EPOLLOUT, data={u32=1476398064, u64=139828431686640}}) = 0

10511 recvfrom(27, 0x7f2c58001323, 53, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10511 epoll_wait(9, [{events=EPOLLOUT, data={u32=1476398064, u64=139828431686640}}], 256, 29992) = 1

10511 sendto(27, "\3\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 54, 0, NULL, 0) = 54

10511 epoll_ctl(9, EPOLL_CTL_MOD, 27, {events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll_wait(9, [{events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}], 256, 29990) = 1

10511 recvfrom(27, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, NULL) = 53

10511 epoll_ctl(9, EPOLL_CTL_MOD, 27, {events=EPOLLIN|EPOLLOUT, data={u32=1476398064, u64=139828431686640}}) = 0

10511 recvfrom(27, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 8192, 0, NULL, NULL) = 27

10511 epoll_wait(9, [{events=EPOLLOUT, data={u32=1476398064, u64=139828431686640}}], 256, 29986) = 1

10511 sendto(27, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 40, 0, NULL, 0) = 40

10511 epoll_wait(9, [{events=EPOLLOUT, data={u32=1476398064, u64=139828431686640}}], 256, -1) = 1

10511 epoll_ctl(9, EPOLL_CTL_MOD, 27, {events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}) = 0

10511 epoll_wait(9, [{events=EPOLLIN, data={u32=1476398064, u64=139828431686640}}], 256, -1) = 1

10510 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=1610615792, u64=139828565904368}}], 256, -1) = 1

10511 recvfrom(27, <unfinished ...>

10510 recvfrom(26, <unfinished ...>

10511 <... recvfrom resumed>"", 8192, 0, NULL, NULL) = 0

10510 <... recvfrom resumed>"", 8192, 0, NULL, NULL) = 0

10511 getpid(<unfinished ...>

10510 getpid(<unfinished ...>

10511 <... getpid resumed>)   = 10507

10510 <... getpid resumed>)   = 10507

10511 write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10510 write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10511 <... write resumed>)   = 8

10510 <... write resumed>)   = 8

10511 epoll_ctl(9, EPOLL_CTL_DEL, 27, 0x7f2c58000bf4 <unfinished ...>

10510 epoll_ctl(7, EPOLL_CTL_DEL, 26, 0x7f2c60000bf4 <unfinished ...>

10511 <... epoll_ctl resumed>)   = 0

10510 <... epoll_ctl resumed>)   = 0

10511 close(27 <unfinished ...>

10510 close(26 <unfinished ...>

10511 <... close resumed>)   = 0

10510 <... close resumed>)   = 0

10511 epoll_wait(9, <unfinished ...>

10510 epoll_wait(7, <unfinished ...>

10511 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244851120, u64=244851120}}], 256, -1) = 1

10510 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10511 getpid(<unfinished ...>

10510 getpid(<unfinished ...>

10511 <... getpid resumed>)   = 10507

10510 <... getpid resumed>)   = 10507

10511 poll([{fd=8, events=POLLIN}], 1, 0) = 1 ([{fd=8, revents=POLLIN}])

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10511 getpid(<unfinished ...>

10510 <... poll resumed>)   = 1 ([{fd=6, revents=POLLIN}])

10511 <... getpid resumed>)   = 10507

10510 getpid(<unfinished ...>

10511 read(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10510 <... getpid resumed>)   = 10507

10511 getpid()   = 10507

10511 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

10510 read(6, <unfinished ...>

10511 epoll_wait(9, <unfinished ...>

10510 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 getpid()   = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10507 <... poll resumed>)   = 1 ([{fd=12, revents=POLLIN}])

10510 <... write resumed>)   = 8

10507 getpid(<unfinished ...>

10510 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... getpid resumed>)   = 10507

10507 read(12, <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 <... poll resumed>)   = 0 (Timeout)

10507 getpid(<unfinished ...>

10510 epoll_wait(7, <unfinished ...>

10507 <... getpid resumed>)   = 10507

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 getpid()   = 10507

10507 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10510 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=244831664, u64=244831664}}], 256, -1) = 1

10507 getpid(<unfinished ...>

10510 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... getpid resumed>)   = 10507

10507 poll([{fd=12, events=POLLIN}], 1, -1 <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])

10510 getpid()   = 10507

10510 read(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10510 getpid()   = 10507

10510 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10507 <... poll resumed>)   = 1 ([{fd=12, revents=POLLIN}])

10510 <... write resumed>)   = 8

10507 getpid(<unfinished ...>

10510 getpid(<unfinished ...>

10507 <... getpid resumed>)   = 10507

10510 <... getpid resumed>)   = 10507

10507 read(12, <unfinished ...>

10510 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10507 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10510 <... poll resumed>)   = 0 (Timeout)

10507 getpid(<unfinished ...>

10510 epoll_wait(7, <unfinished ...>

10507 <... getpid resumed>)   = 10507

10507 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10507 getpid()   = 10507

10507 poll([{fd=12, events=POLLIN}], 1, -1) = ? ERESTART_RESTARTBLOCK (Interrupted by signal)

10507 --- SIGINT {si_signo=SIGINT, si_code=SI_KERNEL} ---

10511 <... epoll_wait resumed> <unfinished ...>) = ?

10512 <... epoll_wait resumed> <unfinished ...>) = ?

10510 <... epoll_wait resumed> <unfinished ...>) = ?

10509 <... epoll_wait resumed> <unfinished ...>) = ?

10512 +++ killed by SIGINT +++

10511 +++ killed by SIGINT +++

10510 +++ killed by SIGINT +++

10509 +++ killed by SIGINT +++

10507 +++ killed by SIGINT +++

Client:

10606 execve("./client", ["./client"], 0x7ffca441d9f8 /* 26 vars */) = 0

10606 brk(NULL)   = 0x32e95000

10606 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f3100860000

10606 access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=25786, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 25786, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f3100859000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=774184, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 772088, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f310079c000

10606 mmap(0x7f31007b5000, 487424, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x19000) = 0x7f31007b5000

10606 mmap(0x7f310082c000, 147456, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x90000) = 0x7f310082c000

10606 mmap(0x7f3100850000, 36864, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xb4000) = 0x7f3100850000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/usr/local/lib64/libstdc++.so.6", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0755, st_size=2530008, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 2543808, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f310052e000

10606 mmap(0x7f31005d3000, 1216512, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa5000) = 0x7f31005d3000

10606 mmap(0x7f31006fc000, 581632, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1ce000) = 0x7f31006fc000

10606 mmap(0x7f310078a000, 57344, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x25c000) = 0x7f310078a000

10606 mmap(0x7f3100798000, 12480, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f3100798000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=907784, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 909560, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f310044f000

10606 mmap(0x7f310045f000, 471040, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7f310045f000

10606 mmap(0x7f31004d2000, 368640, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x83000) = 0x7f31004d2000

10606 mmap(0x7f310052c000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xdc000) = 0x7f310052c000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/usr/local/lib64/libgcc_s.so.1", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=906528, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 181160, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f3100422000

10606 mmap(0x7f3100426000, 143360, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f3100426000

10606 mmap(0x7f3100449000, 16384, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x27000) = 0x7f3100449000

10606 mmap(0x7f310044d000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7f310044d000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\20t\2\0\0\0\0\0"..., 832) = 832

10606 pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

10606 newfstatat(3, "", {st_mode=S_IFREG|0755, st_size=1922136, ...}, AT_EMPTY_PATH) = 0

10606 pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

10606 mmap(NULL, 1970000, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f3100241000

10606 mmap(0x7f3100267000, 1396736, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x26000) = 0x7f3100267000

10606 mmap(0x7f31003bc000, 339968, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x17b000) = 0x7f31003bc000

10606 mmap(0x7f310040f000, 24576, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1ce000) = 0x7f310040f000

10606 mmap(0x7f3100415000, 53072, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f3100415000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=84840, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f310023f000

10606 mmap(NULL, 86224, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f3100229000

10606 mmap(0x7f310022d000, 49152, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f310022d000

10606 mmap(0x7f3100239000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7f3100239000

10606 mmap(0x7f310023c000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x13000) = 0x7f310023c000

10606 mmap(0x7f310023e000, 208, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f310023e000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libsodium.so.23", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0 \314\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=363208, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 365576, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f31001cf000

10606 mprotect(0x7f31001db000, 311296, PROT_NONE) = 0

10606 mmap(0x7f31001db000, 233472, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7f31001db000

10606 mmap(0x7f3100214000, 73728, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x45000) = 0x7f3100214000

10606 mmap(0x7f3100227000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x57000) = 0x7f3100227000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpgm-5.3.so.0", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\220I\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=306400, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 326096, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f310017f000

10606 mmap(0x7f3100183000, 167936, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f3100183000

10606 mmap(0x7f31001ac000, 118784, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2d000) = 0x7f31001ac000

10606 mmap(0x7f31001c9000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x49000) = 0x7f31001c9000

10606 mmap(0x7f31001cb000, 14800, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f31001cb000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\300\246\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=489480, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 1214976, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f3100056000

10606 mprotect(0x7f3100060000, 438272, PROT_NONE) = 0

10606 mmap(0x7f3100060000, 278528, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa000) = 0x7f3100060000

10606 mmap(0x7f31000a4000, 155648, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4e000) = 0x7f31000a4000

10606 mmap(0x7f31000cb000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x74000) = 0x7f31000cb000

10606 mmap(0x7f31000cf000, 719360, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f31000cf000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=338680, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 337152, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f3100003000

10606 mmap(0x7f310000f000, 221184, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7f310000f000

10606 mmap(0x7f3100045000, 53248, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x42000) = 0x7f3100045000

10606 mmap(0x7f3100052000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4f000) = 0x7f3100052000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libmd.so.0", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=47312, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f3100001000

10606 mmap(NULL, 49384, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f30ffff4000

10606 mmap(0x7f30ffff6000, 28672, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f30ffff6000

10606 mmap(0x7f30ffffd000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7f30ffffd000

10606 mmap(0x7f30fffff000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa000) = 0x7f30fffff000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpthread.so.0", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=14480, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 16400, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f30fffef000

10606 mmap(0x7f30ffff0000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1000) = 0x7f30ffff0000

10606 mmap(0x7f30ffff1000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f30ffff1000

10606 mmap(0x7f30ffff2000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f30ffff2000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=888080, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 890784, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f30fff15000

10606 mmap(0x7f30fff38000, 389120, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x23000) = 0x7f30fff38000

10606 mmap(0x7f30fff97000, 294912, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x82000) = 0x7f30fff97000

10606 mmap(0x7f30fffdf000, 65536, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc9000) = 0x7f30fffdf000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libk5crypto.so.3", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=183048, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 180952, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f30ffee8000

10606 mmap(0x7f30ffeec000, 106496, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f30ffeec000

10606 mmap(0x7f30fff06000, 53248, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1e000) = 0x7f30fff06000

10606 mmap(0x7f30fff13000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7f30fff13000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libcom_err.so.2", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=18344, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 20552, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f30ffee2000

10606 mmap(0x7f30ffee4000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f30ffee4000

10606 mmap(0x7f30ffee5000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f30ffee5000

10606 mmap(0x7f30ffee6000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f30ffee6000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5support.so.0", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=52224, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f30ffee0000

10606 mmap(NULL, 54632, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f30ffed2000

10606 mmap(0x7f30ffed5000, 24576, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f30ffed5000

10606 mmap(0x7f30ffedb000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7f30ffedb000

10606 mmap(0x7f30ffede000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xb000) = 0x7f30ffede000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkeyutils.so.1", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=22448, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 24592, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f30ffecb000

10606 mmap(0x7f30ffecd000, 8192, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f30ffecd000

10606 mmap(0x7f30ffecf000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f30ffecf000

10606 mmap(0x7f30ffed0000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f30ffed0000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libresolv.so.2", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=60328, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 68136, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f30ffeba000

10606 mmap(0x7f30ffebd000, 32768, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f30ffebd000

10606 mmap(0x7f30ffec5000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xb000) = 0x7f30ffec5000

10606 mmap(0x7f30ffec7000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xd000) = 0x7f30ffec7000

10606 mmap(0x7f30ffec9000, 6696, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f30ffec9000

10606 close(3)   = 0

10606 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f30ffeb8000

10606 mmap(NULL, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f30ffeb5000

10606 arch_prctl(ARCH_SET_FS, 0x7f30ffeb59c0) = 0

10606 set_tid_address(0x7f30ffeb5c90) = 10606

10606 set_robust_list(0x7f30ffeb5ca0, 24) = 0

10606 rseq(0x7f30ffeb62e0, 0x20, 0, 0x53053053) = 0

10606 mprotect(0x7f310040f000, 16384, PROT_READ) = 0

10606 mprotect(0x7f30ffec7000, 4096, PROT_READ) = 0

10606 mprotect(0x7f30ffed0000, 4096, PROT_READ) = 0

10606 mprotect(0x7f30ffede000, 4096, PROT_READ) = 0

10606 mprotect(0x7f30ffee6000, 4096, PROT_READ) = 0

10606 mprotect(0x7f30fff13000, 4096, PROT_READ) = 0

10606 mprotect(0x7f30fffdf000, 53248, PROT_READ) = 0

10606 mprotect(0x7f30ffff2000, 4096, PROT_READ) = 0

10606 mprotect(0x7f30fffff000, 4096, PROT_READ) = 0

10606 mprotect(0x7f3100052000, 8192, PROT_READ) = 0

10606 mprotect(0x7f310052c000, 4096, PROT_READ) = 0

10606 mprotect(0x7f310044d000, 4096, PROT_READ) = 0

10606 mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f30ffeb3000

10606 mprotect(0x7f310078a000, 45056, PROT_READ) = 0

10606 mprotect(0x7f31000cb000, 12288, PROT_READ) = 0

10606 mprotect(0x7f31001c9000, 4096, PROT_READ) = 0

10606 mprotect(0x7f3100227000, 4096, PROT_READ) = 0

10606 mprotect(0x7f310023c000, 4096, PROT_READ) = 0

10606 mprotect(0x7f3100850000, 32768, PROT_READ) = 0

10606 mprotect(0x40c000, 4096, PROT_READ) = 0

10606 mprotect(0x7f3100892000, 8192, PROT_READ) = 0

10606 prlimit64(0, RLIMIT_STACK, NULL, {rlim_cur=8192*1024, rlim_max=RLIM64_INFINITY}) = 0

10606 munmap(0x7f3100859000, 25786) = 0

10606 futex(0x7f310079873c, FUTEX_WAKE_PRIVATE, 2147483647) = 0

10606 getrandom("\x0d\x90\xfa\x19\xf5\x3b\x65\x00", 8, GRND_NONBLOCK) = 8

10606 brk(NULL) = 0x32e95000

10606 brk(0x32eb6000) = 0x32eb6000

10606 openat(AT_FDCWD, "/sys/devices/system/cpu/online", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "0-15\n", 1024)   = 5

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/sys/devices/system/cpu/possible", O_RDONLY|O_CLOEXEC) = 3

10606 read(3, "0-15\n", 1024)   = 5

10606 close(3)   = 0

10606 getpid()   = 10606

10606 sched_getaffinity(10606, 128, [0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15]) = 32

10606 newfstatat(AT_FDCWD, "/etc/nsswitch.conf", {st_mode=S_IFREG|0644, st_size=494, ...}, 0) = 0

10606 newfstatat(AT_FDCWD, "/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10606 openat(AT_FDCWD, "/etc/nsswitch.conf", O_RDONLY|O_CLOEXEC) = 3

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=494, ...}, AT_EMPTY_PATH) = 0

10606 read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 494

10606 read(3, "", 4096)   = 0

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=494, ...}, AT_EMPTY_PATH) = 0

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=25786, ...}, AT_EMPTY_PATH) = 0

10606 mmap(NULL, 25786, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f3100859000

10606 close(3)   = 0

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v4/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v4", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v4/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v4", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10606 openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v4/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v4", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/tls/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/tls/x86_64/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/tls/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/tls/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/tls", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10606 openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v4/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v4", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/tls/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/tls", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib/x86_64", 0x7ffdbe35f160, 0) = -1 ENOENT (No such file or directory)

10606 openat(AT_FDCWD, "/usr/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)

10606 newfstatat(AT_FDCWD, "/usr/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0

10606 munmap(0x7f3100859000, 25786)   = 0

10606 openat(AT_FDCWD, "/etc/protocols", O_RDONLY|O_CLOEXEC) = 3

10606 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=3144, ...}, AT_EMPTY_PATH) = 0

10606 lseek(3, 0, SEEK_SET)   = 0

10606 read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 3144

10606 read(3, "", 4096)   = 0

10606 close(3)   = 0

10606 eventfd2(0, EFD_CLOEXEC)   = 3

10606 fcntl(3, F_GETFL)   = 0x2 (flags O_RDWR)

10606 fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10606 fcntl(3, F_GETFL)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10606 fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10606 getpid()   = 10606

10606 getpid()   = 10606

10606 getrandom("\x97\x12\xf7\x46\xe6\x1e\x91\xe6\x3a\x1f\xf0\xc4\xce\x1f\xc3\xb6", 16, 0) = 16

10606 getrandom("\xb7\x9c\x76\x5b\x70\xc3\x55\xfc\xc6\x33\xd1\xf7\xc6\xa4\xb4\x83", 16, 0) = 16

10606 eventfd2(0, EFD_CLOEXEC)   = 4

10606 fcntl(4, F_GETFL)   = 0x2 (flags O_RDWR)

10606 fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10606 fcntl(4, F_GETFL)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10606 fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10606 getpid()   = 10606

10606 epoll_create1(EPOLL_CLOEXEC)   = 5

10606 epoll_ctl(5, EPOLL_CTL_ADD, 4, {events=0, data={u32=854226528, u64=854226528}}) = 0

10606 epoll_ctl(5, EPOLL_CTL_MOD, 4, {events=EPOLLIN, data={u32=854226528, u64=854226528}}) = 0

10606 getpid()   = 10606

10606 rt_sigaction(SIGRT_1, {sa_handler=0x7f31002c7720, sa_mask=[], sa_flags=SA_RESTORER|SA_ONSTACK|SA_RESTART|SA_SIGINFO, sa_restorer=0x7f310027d050}, NULL, 8) = 0

10606 rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0

10606 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f30ff6b2000

10606 mprotect(0x7f30ff6b3000, 8388608, PROT_READ|PROT_WRITE) = 0

10606 rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0

10606
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID, child_tid=0x7f30ffeb2990, parent_tid=0x7f30ffeb2990, exit_signal=0, stack=0x7f30ff6b2000, stack_size=0x7ffd00, tls=0x7f30ffeb26c0} => {parent_tid=[10607]}, 88) = 10607

10607 rseq(0x7f30ffeb2fe0, 0x20, 0, 0x53053053 <unfinished ...>

10606 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10607 <... rseq resumed>)   = 0

10606 <... rt_sigprocmask resumed>NULL, 8) = 0

10607 set_robust_list(0x7f30ffeb29a0, 24 <unfinished ...>

10606 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10607 <... set_robust_list resumed>)   = 0

10606 <... eventfd2 resumed>)   = 6

10607 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10606 fcntl(6, F_GETFL <unfinished ...>

10607 <... rt_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10607 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>

10606 fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10607 <... rt_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)   = 0

10607 sched_getparam(10607, <unfinished ...>

10606 fcntl(6, F_GETFL <unfinished ...>

10607 <... sched_getparam resumed>[0]) = 0

10606 <... fcntl resumed>)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10607 sched_getscheduler(10607 <unfinished ...>

10606 fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10607 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)

10606 <... fcntl resumed>)   = 0

10607 sched_setscheduler(10607, SCHED_OTHER, [0] <unfinished ...>

10606 getpid(<unfinished ...>

10607 <... sched_setscheduler resumed>) = 0

10606 <... getpid resumed>)   = 10606

10607 prctl(PR_SET_NAME, "ZMQbg/Reaper" <unfinished ...>

10606 epoll_create1(EPOLL_CLOEXEC <unfinished ...>

10607 <... prctl resumed>)   = 0

10606 <... epoll_create1 resumed>)   = 7

10607 epoll_wait(5, <unfinished ...>

10606 epoll_ctl(7, EPOLL_CTL_ADD, 6, {events=0, data={u32=854230448, u64=854230448}}) = 0

10606 epoll_ctl(7, EPOLL_CTL_MOD, 6, {events=EPOLLIN, data={u32=854230448, u64=854230448}}) = 0

10606 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f30feeb1000

10606 mprotect(0x7f30feeb2000, 8388608, PROT_READ|PROT_WRITE) = 0

10606 rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0

10606 clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID, child_tid=0x7f30ff6b1990, parent_tid=0x7f30ff6b1990, exit_signal=0, stack=0x7f30feeb1000, stack_size=0x7ffd00, tls=0x7f30ff6b16c0} => {parent_tid=[10608]}, 88) = 10608

10608 rseq(0x7f30ff6b1fe0, 0x20, 0, 0x53053053 <unfinished ...>

10606 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10608 <... rseq resumed>)   = 0

10606 <... rt_sigprocmask resumed>NULL, 8) = 0

10608 set_robust_list(0x7f30ff6b19a0, 24 <unfinished ...>

10606 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10608 <... set_robust_list resumed>)   = 0

10606 <... eventfd2 resumed>)   = 8

10608 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10606 fcntl(8, F_GETFL <unfinished ...>

10608 <... rt_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10608 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>

10606 fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10608 <... rt_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)   = 0

10608 sched_getparam(10608, <unfinished ...>

10606 fcntl(8, F_GETFL <unfinished ...>

10608 <... sched_getparam resumed>[0]) = 0

10606 <... fcntl resumed>) = 0x802 (flags O_RDWR|O_NONBLOCK)

10608 sched_getscheduler(10608 <unfinished ...>

10606 fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10608 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)

10606 <... fcntl resumed>) = 0

10608 sched_setscheduler(10608, SCHED_OTHER, [0] <unfinished ...>

10606 getpid(<unfinished ...>

10608 <... sched_setscheduler resumed>) = 0

10606 <... getpid resumed>) = 10606

10608 prctl(PR_SET_NAME, "ZMQbg/IO/0" <unfinished ...>

10606 epoll_create1(EPOLL_CLOEXEC <unfinished ...>

10608 <... prctl resumed>) = 0

10606 <... epoll_create1 resumed>) = 9

10608 epoll_wait(7, <unfinished ...>

10606 epoll_ctl(9, EPOLL_CTL_ADD, 8, {events=0, data={u32=854249888, u64=854249888}}) = 0

10606 epoll_ctl(9, EPOLL_CTL_MOD, 8, {events=EPOLLIN, data={u32=854249888, u64=854249888}}) = 0

10606 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f30fe6b0000

10606 mprotect(0x7f30fe6b1000, 8388608, PROT_READ|PROT_WRITE) = 0

10606 rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0

10606 clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID, child_tid=0x7f30feeb0990, parent_tid=0x7f30feeb0990, exit_signal=0, stack=0x7f30fe6b0000, stack_size=0x7ffd00, tls=0x7f30feeb06c0} => {parent_tid=[10609]}, 88) = 10609

10609 rseq(0x7f30feeb0fe0, 0x20, 0, 0x53053053 <unfinished ...>

10606 rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>

10609 <... rseq resumed>) = 0

10606 <... rt_sigprocmask resumed>NULL, 8) = 0

10609 set_robust_list(0x7f30feeb09a0, 24 <unfinished ...>

```
10606 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10609 <... set_robust_list resumed>)    = 0

10606 <... eventfd2 resumed>)         = 10

10609 rt_sigprocmask(SIG_SETMASK, [],  <unfinished ...>

10606 fcntl(10, F_GETFL <unfinished ...>

10609 <... rt_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)            = 0x2 (flags O_RDWR)

10609 rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1],  <unfinished ...>

10606 fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10609 <... rt_sigprocmask resumed>NULL, 8) = 0

10606 <... fcntl resumed>)            = 0

10609 sched_getparam(10609,  <unfinished ...>

10606 fcntl(10, F_GETFL <unfinished ...>

10609 <... sched_getparam resumed>[0])  = 0

10606 <... fcntl resumed>            = 0x802 (flags O_RDWR|O_NONBLOCK)

10609 sched_getscheduler(10609 <unfinished ...>

10606 fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10609 <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)

10606 <... fcntl resumed>            = 0

10609 sched_setscheduler(10609, SCHED_OTHER, [0] <unfinished ...>

10606 getpid( <unfinished ...>

10609 <... sched_setscheduler resumed>) = 0

10606 <... getpid resumed>           = 10606

10609 prctl(PR_SET_NAME, "ZMQbg/IO/1" <unfinished ...>

10606 getpid( <unfinished ...>

10609 <... prctl resumed>            = 0

10606 <... getpid resumed>           = 10606

10609 epoll_wait(9,  <unfinished ...>

10606 poll([{fd=10, events=POLLIN}], 1, 0) = 0 (Timeout)

10606 brk(0x32ed7000)             = 0x32ed7000

10606 futex(0x7f3100798748, FUTEX_WAKE_PRIVATE, 2147483647) = 0

10606 getpid()                   = 10606
```

```
10606 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=854230448, u64=854230448}}],
256, -1) = 1

10606 getpid( <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... getpid resumed>)          = 10606

10608 <... getpid resumed>)          = 10606

10606 write(10, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... write resumed>)          = 8

10608 <... poll resumed>)          = 1 ([{fd=6, revents=POLLIN}])

10606 newfstatat(1, "",  <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... newfstatat resumed>{st_mode=S_IFCHR|0620, st_rdev=makedev(0x88, 0x1), ...},
AT_EMPTY_PATH) = 0

10608 <... getpid resumed>)          = 10606

10606 write(1, "\320\224\320\276\320\261\321\200\320\276
\320\277\320\276\320\266\320\260\320\273\320\276\320\262\320\260\321\202\321\214 "..., 58
<unfinished ...>

10608 read(6,  <unfinished ...>

10606 <... write resumed>)          = 58

10608 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10606 write(1, "\320\222\320\262\320\265\320\264\320\270\321\202\320\265
\320\262\320\260\321\210 \320\273\320\276\320\263\320\270\320\275"..., 34 <unfinished ...>

10608 mmap(NULL, 134217728, PROT_NONE,
MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE, -1, 0 <unfinished ...>

10606 <... write resumed>)          = 34

10608 <... mmap resumed>)          = 0x7f30f66b0000

10606 newfstatat(0, "",  <unfinished ...>

10608 munmap(0x7f30f66b0000, 26542080 <unfinished ...>

10606 <... newfstatat resumed>{st_mode=S_IFCHR|0620, st_rdev=makedev(0x88, 0x1), ...},
AT_EMPTY_PATH) = 0

10608 <... munmap resumed>)          = 0

10606 read(0,  <unfinished ...>

10608 munmap(0x7f30fc000000, 40566784)  = 0
```

10608 mprotect(0x7f30f8000000, 135168, PROT_READ|PROT_WRITE) = 0

10608 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP) = 11

10608 fcntl(11, F_GETFL)   = 0x2 (flags O_RDWR)

10608 fcntl(11, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10608 connect(11, {sa_family=AF_INET, sin_port=htons(5555), sin_addr=inet_addr("127.0.0.1")}, 16) = -1 EINPROGRESS (Operation now in progress)

10608 epoll_ctl(7, EPOLL_CTL_ADD, 11, {events=0, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 getpid()   = 10606

10608 poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)

10608 epoll_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, -1) = 1

10608 epoll_ctl(7, EPOLL_CTL_DEL, 11, 0x7f30f8001434) = 0

10608 getsockopt(11, SOL_SOCKET, SO_ERROR, [0], [4]) = 0

10608 setsockopt(11, SOL_TCP, TCP_NODELAY, [1], 4) = 0

10608 getsockname(11, {sa_family=AF_INET, sin_port=htons(46920), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10608 getpeername(11, {sa_family=AF_INET, sin_port=htons(5555), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10608 fcntl(11, F_GETFL)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10608 fcntl(11, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10608 getpid()   = 10606

10608 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 epoll_wait(7, [{events=EPOLLIN, data={u32=854230448, u64=854230448}}], 256, -1) = 1

10608 getpid()   = 10606

10608 poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])

10608 getpid()   = 10606

10608 read(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 epoll_ctl(7, EPOLL_CTL_ADD, 11, {events=0, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN|EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 recvfrom(11, "\377\0\0\0\0\0\0\1\177", 12, 0, NULL, NULL) = 10

10608 recvfrom(11, 0x7f30f8001bf2, 2, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10608 getpid()   = 10606

10608 poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)

10608 epoll_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, 29997) = 1

10608 sendto(11, "\377\0\0\0\0\0\0\1\177\3", 11, 0, NULL, 0) = 11

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll_wait(7, [{events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}], 256, 29996) = 1

10608 recvfrom(11, "\3\1", 2, 0, NULL, NULL) = 2

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN|EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 recvfrom(11, "NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 52, 0, NULL, NULL) = 52

10608 recvfrom(11, 0x7f30f8003d18, 8192, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10608 epoll_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, 29991) = 1

10608 sendto(11, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, 0) = 53

10608 epoll_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, 29988) = 1

10608 sendto(11, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 40, 0, NULL, 0) = 40

10608 epoll_wait(7, [{events=EPOLLOUT, data={u32=4160754736, u64=139848295912496}}], 256, 29987) = 1

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll_wait(7, [{events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}], 256, 29986) = 1

10608 recvfrom(11, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 8192, 0, NULL, NULL) = 27

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN|EPOLLOUT, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}) = 0

10608 epoll_wait(7, <unfinished ...>

10606 <... read resumed>"andre\n", 1024) = 6

```
10606 getpid()                    = 10606

10606 getpid()                    = 10606

10606 poll([{fd=10, events=POLLIN}], 1, 0) = 1 ([{fd=10, revents=POLLIN}])

10606 getpid()                    = 10606

10606 read(10, "\1\0\0\0\0\0\0\0", 8)  = 8

10606 getpid()                    = 10606

10606 poll([{fd=10, events=POLLIN}], 1, 0) = 0 (Timeout)

10606 getpid()                    = 10606

10606 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=854230448, u64=854230448}}],
256, -1) = 1

10606 getpid( <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... getpid resumed>)          = 10606

10608 <... getpid resumed>)          = 10606

10606 poll([{fd=10, events=POLLIN}], 1, -1 <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])

10608 getpid()                    = 10606

10608 read(6, "\1\0\0\0\0\0\0\0", 8)    = 8

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN|EPOLLOUT,
data={u32=4160754736, u64=139848295912496}}) = 0

10608 getpid()                    = 10606

10608 write(10, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10606 <... poll resumed>)             = 1 ([{fd=10, revents=POLLIN}])

10608 <... write resumed>)            = 8

10606 getpid( <unfinished ...>

10608 sendto(11, "\1\0\0\21login:andre:10606", 21, 0, NULL, 0 <unfinished ...>

10606 <... getpid resumed>)           = 10606

10608 <... sendto resumed>)           = 21

10606 read(10,  <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10608 <... getpid resumed>)           = 10606
```

```
10606 getpid( <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... getpid resumed>)          = 10606

10608 <... poll resumed>)            = 0 (Timeout)

10606 poll([{fd=10, events=POLLIN}], 1, 0 <unfinished ...>

10608 epoll_wait(7,  <unfinished ...>

10606 <... poll resumed>)            = 0 (Timeout)

10608 <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=4160754736,
u64=139848295912496}}], 256, -1) = 1

10606 getpid( <unfinished ...>

10608 epoll_ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN, data={u32=4160754736,
u64=139848295912496}} <unfinished ...>

10606 <... getpid resumed>)          = 10606

10608 <... epoll_ctl resumed>)       = 0

10606 poll([{fd=10, events=POLLIN}], 1, -1 <unfinished ...>

10608 epoll_wait(7, [{events=EPOLLIN, data={u32=4160754736, u64=139848295912496}}],
256, -1) = 1

10608 recvfrom(11, "\1\0\0\4Ok:0", 8192, 0, NULL, NULL) = 8

10608 getpid()                = 10606

10608 write(10, "\1\0\0\0\0\0\0\0", 8)  = 8

10606 <... poll resumed>)              = 1 ([{fd=10, revents=POLLIN}])

10608 epoll_wait(7,  <unfinished ...>

10606 getpid()                = 10606

10606 read(10, "\1\0\0\0\0\0\0\0", 8)  = 8

10606 getpid()                = 10606

10606 poll([{fd=10, events=POLLIN}], 1, 0) = 0 (Timeout)

10606 getpid()                = 10606

10606 write(6, "\1\0\0\0\0\0\0\0", 8)   = 8

10608 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=854230448, u64=854230448}}],
256, -1) = 1

10606 eventfd2(0, EFD_CLOEXEC <unfinished ...>

10608 getpid( <unfinished ...>

10606 <... eventfd2 resumed>)         = 12

10608 <... getpid resumed>)           = 10606
```

10606 fcntl(12, F_GETFL <unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... fcntl resumed>)   = 0x2 (flags O_RDWR)

10608 <... poll resumed>)   = 1 ([{fd=6, revents=POLLIN}])

10606 fcntl(12, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10608 getpid(<unfinished ...>

10606 <... fcntl resumed>)   = 0

10608 <... getpid resumed>)   = 10606

10606 fcntl(12, F_GETFL <unfinished ...>

10608 read(6, <unfinished ...>

10606 <... fcntl resumed>)   = 0x802 (flags O_RDWR|O_NONBLOCK)

10608 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10606 fcntl(12, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10608 getpid(<unfinished ...>

10606 <... fcntl resumed>)   = 0

10608 <... getpid resumed>)   = 10606

10606 getpid(<unfinished ...>

10608 poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... getpid resumed>)   = 10606

10608 <... poll resumed>)   = 0 (Timeout)

10606 getpid(<unfinished ...>

10608 epoll_wait(7, <unfinished ...>

10606 <... getpid resumed>)   = 10606

10606 poll([{fd=12, events=POLLIN}], 1, 0) = 0 (Timeout)

10606 getpid()   = 10606

10606 write(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10609 <... epoll_wait resumed>[{events=EPOLLIN, data={u32=854249888, u64=854249888}}],
256, -1) = 1

10606 getpid(<unfinished ...>

10609 getpid(<unfinished ...>

10606 <... getpid resumed>)   = 10606

10609 <... getpid resumed>)   = 10606

10606 write(12, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>

10609 poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>

10606 <... write resumed>)   = 8

10609 <... poll resumed>)   = 1 ([{fd=8, revents=POLLIN}])

10606 write(1, "[Client]
\320\220\320\262\321\202\320\276\321\200\320\270\320\267\320\260\321\206\320\270\321\217 "..., 91
<unfinished ...>

10609 getpid(<unfinished ...>

10606 <... write resumed>)   = 91

10609 <... getpid resumed>)   = 10606

10606 write(1, "\n============================"..., 43 <unfinished ...>

10609 read(8, <unfinished ...>

10606 <... write resumed>)   = 43

10609 <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

10606 write(1, "\320\224\320\276\321\201\321\202\321\203\320\277\320\275\321\213\320\265
\320\272\320\276\320\274\320\260\320\275\320\264\321"..., 35 <unfinished ...>

10609 mmap(NULL, 134217728, PROT_NONE,
MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE, -1, 0 <unfinished ...>

10606 <... write resumed>)   = 35

10609 <... mmap resumed>)   = 0x7f30f0000000

10606 write(1, " create <\320\270\320\274\321\217_\320\270\320\263\321\200\321\213> -
\321\201"..., 60 <unfinished ...>

10609 munmap(0x7f30f4000000, 67108864 <unfinished ...>

10606 <... write resumed>)   = 60

10609 <... munmap resumed>)   = 0

10606 write(1, " join <\320\270\320\274\321\217_\320\270\320\263\321\200\321\213>   -
\320\277"..., 77 <unfinished ...>

10609 mprotect(0x7f30f0000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>

10606 <... write resumed>)   = 77

10609 <... mprotect resumed>)   = 0

10606 write(1, " stats   - \320\277\320\276\320\272\320\260\320\267"..., 69 <unfinished ...>

10609 socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP <unfinished ...>

10606 <... write resumed>)   = 69

10609 <... socket resumed>)   = 13

10606 write(1, " exit   - \320\262\321\213\320\271\321\202\320\270"..., 57 <unfinished ...>

10609 fcntl(13, F_GETFL <unfinished ...>

```
10606 <... write resumed>)              = 57

10609 <... fcntl resumed>)              = 0x2 (flags O_RDWR)

10606 write(1, "============================="..., 42 <unfinished ...>

10609 fcntl(13, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>

10606 <... write resumed>)              = 42

10609 <... fcntl resumed>)              = 0

10606 write(1, "\320\222\320\262\320\265\320\264\320\270\321\202\320\265
\320\272\320\276\320\274\320\260\320\275\320\264\321\203: ", 31 <unfinished ...>

10609 connect(13, {sa_family=AF_INET, sin_port=htons(5556),
sin_addr=inet_addr("127.0.0.1")}, 16 <unfinished ...>

10606 <... write resumed>)              = 31

10606 read(0,  <unfinished ...>

10609 <... connect resumed>)            = -1 EINPROGRESS (Operation now in progress)

10609 epoll_ctl(9, EPOLL_CTL_ADD, 13, {events=0, data={u32=4026537008,
u64=139848161694768}}) = 0

10609 epoll_ctl(9, EPOLL_CTL_MOD, 13, {events=EPOLLOUT, data={u32=4026537008,
u64=139848161694768}}) = 0

10609 getpid()                  = 10606

10609 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

10609 epoll_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}],
256, -1) = 1

10609 epoll_ctl(9, EPOLL_CTL_DEL, 13, 0x7f30f0001434) = 0

10609 getsockopt(13, SOL_SOCKET, SO_ERROR, [0], [4]) = 0

10609 setsockopt(13, SOL_TCP, TCP_NODELAY, [1], 4) = 0

10609 getsockname(13, {sa_family=AF_INET, sin_port=htons(42414),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10609 getpeername(13, {sa_family=AF_INET, sin_port=htons(5556),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0

10609 fcntl(13, F_GETFL)            = 0x802 (flags O_RDWR|O_NONBLOCK)

10609 fcntl(13, F_SETFL, O_RDWR|O_NONBLOCK) = 0

10609 getpid()                  = 10606

10609 write(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10609 epoll_wait(9, [{events=EPOLLIN, data={u32=854249888, u64=854249888}}], 256, -1) = 1

10609 getpid()                  = 10606

10609 poll([{fd=8, events=POLLIN}], 1, 0) = 1 ([{fd=8, revents=POLLIN}])
```

10609 getpid()   = 10606

10609 read(8, "\1\0\0\0\0\0\0\0", 8)   = 8

10609 epoll_ctl(9, EPOLL_CTL_ADD, 13, {events=0, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll_ctl(9, EPOLL_CTL_MOD, 13, {events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll_ctl(9, EPOLL_CTL_MOD, 13, {events=EPOLLIN|EPOLLOUT, data={u32=4026537008, u64=139848161694768}}) = 0

10609 recvfrom(13, "\377\0\0\0\0\0\0\1\177", 12, 0, NULL, NULL) = 10

10609 recvfrom(13, 0x7f30f0001bf2, 2, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10609 getpid()   = 10606

10609 poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)

10609 epoll_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, 29997) = 1

10609 sendto(13, "\377\0\0\0\0\0\0\1\177\3", 11, 0, NULL, 0) = 11

10609 epoll_ctl(9, EPOLL_CTL_MOD, 13, {events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll_wait(9, [{events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}], 256, 29996) = 1

10609 recvfrom(13, "\3\1", 2, 0, NULL, NULL) = 2

10609 epoll_ctl(9, EPOLL_CTL_MOD, 13, {events=EPOLLIN|EPOLLOUT, data={u32=4026537008, u64=139848161694768}}) = 0

10609 recvfrom(13, "NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 52, 0, NULL, NULL) = 52

10609 recvfrom(13, 0x7f30f0003d18, 8192, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)

10609 epoll_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, 29992) = 1

10609 sendto(13, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, 0) = 53

10609 epoll_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, 29990) = 1

10609 sendto(13, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 27, 0, NULL, 0) = 27

10609 epoll_wait(9, [{events=EPOLLOUT, data={u32=4026537008, u64=139848161694768}}], 256, 29989) = 1

10609 epoll_ctl(9, EPOLL_CTL_MOD, 13, {events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll_wait(9, [{events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}], 256, 29988) = 1

10609 recvfrom(13, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 8192, 0, NULL, NULL) = 40

10609 epoll_ctl(9, EPOLL_CTL_MOD, 13, {events=EPOLLIN|EPOLLOUT, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll_ctl(9, EPOLL_CTL_MOD, 13, {events=EPOLLIN, data={u32=4026537008, u64=139848161694768}}) = 0

10609 epoll_wait(9, <unfinished ...>

10606 <... read resumed>0x32eb71f0, 1024) = ? ERESTARTSYS (To be restarted if SA_RESTART is set)

10606 --- SIGINT {si_signo=SIGINT, si_code=SI_KERNEL} ---

10609 <... epoll_wait resumed> <unfinished ...>) = ?

10608 <... epoll_wait resumed> <unfinished ...>) = ?

10607 <... epoll_wait resumed> <unfinished ...>) = ?

10609 +++ killed by SIGINT +++

10608 +++ killed by SIGINT +++

10607 +++ killed by SIGINT +++

10606 +++ killed by SIGINT +++

Вывод

В ходе разработки многопользовательской игры «Морской бой» с использованием библиотеки ZeroMQ мне удалось успешно реализовать все основные функциональные требования, включая авторизацию пользователей, создание и присоединение к игровым комнатам, а также ведение статистики побед и поражений. Программа демонстрирует стабильную работу обмена сообщениями между сервером и клиентами, обеспечивая плавный игровой процесс.