## Московский Авиационный Институт

(Национальный Исследовательский Университет)

Институт №8 "Компьютерные науки и прикладная математика" Кафедра №806 "Вычислительная математика и программирование"

# Лабораторная работа №5-7 по курсу «Операционные системы»

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#### Постановка задачи

#### Вариант 8.

Реализовать распределенную систему по асинхронной обработке запросов. В данной распределенной системе должно существовать 2 вида узлов: «управляющий» и «вычислительный». Необходимо объединить данные узлы в соответствии с той топологией, которая определена вариантом. Связь между узлами необходимо осуществить при помощи технологии очередей сообщений. Также в данной системе необходимо предусмотреть проверку доступности узлов в соответствии с вариантом.

#### Топология 1:

Все вычислительные узлы находятся в списке. Есть только один управляющий узел. Чтобы добавить новый вычислительный узел к управляющему, то необходимо выполнить команду: create id -1.

Набор команд 2 (локальный целочисленный словарь):

Формат команды сохранения значения: exec id name value id – целочисленный идентификатор вычислительного узла, на который отправляется команда name – ключ, по которому будет сохранено значение (строка формата [A-Za-z0-9]+) value – целочисленное значение Формат команды загрузки значения: exec id name Пример:

> exec 10 MyVar

Ok:10: 'MyVar' not found

> exec 10 MyVar 5

Ok:10

Команда проверки 2:

Формат команды: ping id

Команда проверяет доступность конкретного узла. Если узла нет, то необходимо выводить ошибку: «Error: Not found»

Пример: > ping 10

Ok: 1 // узел 10 доступен

> ping 17

Ok: 0 // узел 17 недоступен

## Общий метод и алгоритм решения

Использованные системные вызовы:

- fork() создает новый процесс;
- execl() заменяет текущий процесс на новый
- bind() привязывает сокет к локальному адресу и порту
- connect() устанавливает соединение с удаленным адресом и портом
- unbind() отвязывает сокет от локального адреса и порта
- disconnect() разрывает соединение с удаленным адресом и портом
- send() отправка сообщений через сокет
- recv() прием сообщений через сокет
- set() установка опций сокета

Управляющий узел отвечает за создание, управление и завершение работы вычислительных узлов. При создании нового узла происходит создание нового процесса, к которому подключается новый сокет для обмена сообщениями с родительским узлом. Для коммуникации между узлами используются ZeroMQ сокеты, которые позволяют отправлять и принимать сообщения через TCP протокол. Каждый вычислительный узел имеет свой идентификатор, который используется для обращения к нему из управляющего узла. Узлы могут создавать другие узлы, передавать им команды на выполнение определенных действий, такие как добавление новых данных в хранилище или проверка существующих данных. Также они отвечают на запросы проверки их доступности. При завершении работы узел отключается от родительского узла и завершает свою работу, освобождая ресурсы.

### Код программы

#### topology.hpp

```
#pragma once
#include <iostream>
#include <list>
class Topology {
private:
    using listType = std::list<std::list<int>>;
    listType list;
public:
    Topology() : list() {}
    void insert(int id, int parentId);
    int find(int id);
    void erase(int id);
    int getFirstId(int listId);
};
topology.cpp
#include "../include/topology.hpp"
void Topology::insert(int id, int parentId) {
    if (parentId == -1) {
        std::list<int> newList;
        newList.push_back(id);
        list.push_back(newList);
        return;
    }
    int listId = find(parentId);
    if (listId == -1) {
        throw std::runtime_error("Wrong parent id");
    }
    auto it1 = list.begin();
    std::advance(it1, listId);
    for (auto it2 = it1->begin(); it2 != it1->end(); ++it2) {
        if (*it2 == parentId) {
            it1->insert(++it2, id);
            return;
        }
    }
}
int Topology::find(int id) {
    int curListId = 0;
    for (auto it1 = list.begin(); it1 != list.end(); ++it1) {
        for (auto it2 = it1->begin(); it2 != it1->end(); ++it2) {
```

```
if (*it2 == id) {
                return curListId;
            }
        }
        ++curListId;
    }
    return -1;
}
void Topology::erase(int id) {
    int listId = find(id);
    if (listId == -1) {
        throw std::runtime_error("Wrong id");
    }
    auto it1 = list.begin();
    std::advance(it1, listId);
    for (auto it2 = it1->begin(); it2 != it1->end(); ++it2) {
        if (*it2 == id) {
            it1->erase(it2, it1->end());
            if (it1->empty()) {
                list.erase(it1);
            }
            return;
        }
    }
}
int Topology::getFirstId(int listId) {
    auto it1 = list.begin();
    std::advance(it1, listId);
    if (it1->begin() == it1->end()) {
        return -1;
    }
    return *(it1->begin());
}
socket.hpp
#pragma once
#include <iostream>
#include <zmq.hpp>
#include <string>
#include <unistd.h>
#include <sstream>
#include <set>
#include <unordered_map>
#include <optional>
constexpr int MAIN_PORT = 4040;
```

```
void sendMessage(zmq::socket_t& socket, const std::string& msg);
std::string receiveMessage(zmq::socket_t& socket);
void connect(zmq::socket_t& socket, int id);
void disconnect(zmq::socket_t& socket, int id);
void bind(zmq::socket_t& socket, int id);
void unbind(zmq::socket_t& socket, int id);
socket.cpp
#include "../include/socket.hpp"
void sendMessage(zmq::socket_t& socket, const std::string& msg) {
    zmq::message_t message(msg.size());
    memcpy(message.data(), msg.c_str(), msg.size());
    socket.send(message, zmq::send_flags::none);
}
std::string receiveMessage(zmq::socket_t& socket) {
    zmq::message_t msg;
    int msgReceiv;
    try {
        std::optional<size_t> result = socket.recv(msg);
        if (result) {
            msgReceiv = static_cast<int>(*result);
        }
    }
    catch (...) {
        msgReceiv = 0;
    }
    if (msgReceiv == 0) {
        return "Error: Node is unavailable";
    }
    std::string receivedMsg(static_cast<char*>(msg.data()), msg.size());
    return receivedMsg;
}
void connect(zmq::socket_t& socket, int id) {
    std::string address = "tcp://127.0.0.1:" + std::to_string(MAIN_PORT + id);
    socket.connect(address);
}
void disconnect(zmq::socket_t& socket, int id) {
    std::string address = "tcp://127.0.0.1:" + std::to_string(MAIN_PORT + id);
    socket.disconnect(address);
}
void bind(zmq::socket_t& socket, int id) {
    std::string address = "tcp://127.0.0.1:" + std::to_string(MAIN_PORT + id);
    socket.bind(address);
```

```
}
void unbind(zmq::socket_t& socket, int id) {
    std::string address = "tcp://127.0.0.1:" + std::to_string(MAIN_PORT + id);
    socket.unbind(address);
calculation node.cpp
#include "../include/socket.hpp"
int main(int argc, char* argv[]) {
    if (argc != 2 && argc != 3) {
        throw std::runtime_error("Wrong args for counting node");
    }
    int curId = atoi(argv[1]);
    int childId = -1;
    if (argc == 3) {
        childId = atoi(argv[2]);
    }
    std::string adr;
    std::unordered_map<std::string, int> dictionary;
    zmq::context_t context;
    zmq::socket_t parentSocket(context, ZMQ_REP);
    connect(parentSocket, curId);
    zmq::socket_t childSocket(context, ZMQ_REQ);
    if (childId != -1) {
        bind(childSocket, childId);
    }
    childSocket.set(zmq::sockopt::sndtimeo, 5000);
    std::string message;
    while (true) {
        message = receiveMessage(parentSocket);
        std::istringstream request(message);
        int destId;
        request >> destId;
        std::string command;
        request >> command;
        if (destId == curId) {
            if (command == "pid") {
                sendMessage(parentSocket, "OK: " + std::to_string(getpid()));
            } else if (command == "create") {
```

```
int new_childId;
                request >> new_childId;
                if (childId != -1) {
                   unbind(childSocket, childId);
               bind(childSocket, new_childId);
               pid_t pid = fork();
                if (pid < 0) {
                    std::cout << "Can't create new process" << std::endl;</pre>
                   return -1;
                }
                if (pid == 0) {
std::to string(new childld):c'str(), std::to string(childld).c'str(), NULL);
                    std::cout << "Can't execute new process" << std::endl;</pre>
                   return -2;
               }
                sendMessage(childSocket, std::to_string(new_childId) + " pid");
               childId = new childId;
                sendMessage(parentSocket, receiveMessage(childSocket));
            } else if (command == "check") {
               std::string key;
               request >> key;
                if (dictionary.find(key) != dictionary.end()) {
std::to_string(dictionary[key]));
                } else {
key + "' not found"); sendMessage(parentSocket, "OK: " + std::to_string(curId) + ": '" +
            } else if (command == "add") {
               std::string key;
               int value;
               request >> key >> value;
               dictionary[key] = value;
                sendMessage(parentSocket, "OK: " + std::to_string(curId));
            } else if (command == "ping") {
               std::string reply;
                if (childId != -1) {
                    sendMessage(childSocket, std::to_string(childId) + " ping");
                   std::string msg = receiveMessage(childSocket);
                   reply += " " + msg;
               sendMessage(parentSocket, std::to_string(curId) + reply);
            } else if (command == "kill") {
               if (childId != -1) {
                    sendMessage(childSocket, std::to_string(childId) + " kill");
                    std::string msg = receiveMessage(childSocket);
                   if (msg == "OK") {
                       sendMessage(parentSocket, "OK");
```

```
}
                    unbind(childSocket, childId);
                    disconnect(parentSocket, curId);
                    break;
                }
                sendMessage(parentSocket, "OK");
                disconnect(parentSocket, curId);
                break;
            }
        }
         else if (childId != -1) {
            sendMessage(childSocket, message);
            sendMessage(parentSocket, receiveMessage(childSocket));
            if (childId == destId && command == "kill") {
                childId = -1;
            }
        } else {
            sendMessage(parentSocket, "Error: Node is unavailable");
        }
    }
}
control node.cpp
#include "../include/topology.hpp"
#include "../include/socket.hpp"
int main() {
    Topology list;
    std::vector<zmq::socket_t> branches;
    zmq::context_t context;
    std::string command;
    while (true) {
        std::cin >> command;
        if (command == "create") {
            int nodeId, parentId;
            std::cin >> nodeId >> parentId;
            if (list.find(nodeId) != -1) {
                std::cout << "Error: Already exists" << std::endl;</pre>
            } else if (parentId == -1) {
                pid_t pid = fork();
                if (pid < 0) {
                    std::cout << "Can't create new process" << std::endl;</pre>
                    return -1;
                } else if (pid == 0) {
std::to_string(nodeId).c_str(), NOLL);
                    std::cout << "Can't execute new process" << std::endl;</pre>
                    return -2;
```

```
}
                branches.emplace_back(context, ZMQ_REQ);
                branches[branches.size() - 1].set(zmq::sockopt::sndtimeo, 5000);
                bind(branches[branches.size()-1], nodeId);
                sendMessage(branches[branches.size() - 1], std::to_string(nodeId) + "
pid");
                std::string reply = receiveMessage(branches[branches.size() - 1]);
                std::cout << reply << std::endl;</pre>
               list.insert(nodeId, parentId);
            } else if (list.find(parentId) == -1) {
                std::cout << "Error: Parent not found" << std::endl;</pre>
            } else {
                int branch = list.find(parentId);
std::to_string(nodeld));
                std::string reply = receiveMessage(branches[branch]);
                std::cout << reply << std::endl;</pre>
               list.insert(nodeId, parentId);
        } else if (command == "exec") {
            std::string s;
            getline(std::cin, s);
            std::string execCommand;
            std::vector<std::string> tmp;
            std::string tmp1 = " ";
            for (size_t i = 1; i < s.size(); i++) {
               tmp1 += s[i];
                if (s[i] == ' ' || i == s.size() - 1) {
                   tmp.push_back(tmp1);
                   tmp1 = " ";
               }
            }
            if (tmp.size() == 2) {
               execCommand = "check";
            } else {
               execCommand = "add";
            }
            int destId = stoi(tmp[0]);
            int branch = list.find(destId);
            if (branch == -1) {
                std::cout << "There is no such node id" << std::endl;</pre>
            } else {
               if (execCommand == "check") {
                    sendMessage(branches[branch], tmp[0] + "check" + tmp[1]);
```

```
} else if (execCommand == "add") {
                     std::string value;
                     sendMessage(branches[branch], tmp[0] + "add" + tmp[1] + " " +
tmp[2]);
                }
                std::string reply = receiveMessage(branches[branch]);
                std::cout << reply << std::endl;</pre>
            }
        } else if (command == "kill") {
            int id;
            std::cin >> id;
            int branch = list.find(id);
            if (branch == -1) {
                std::cout << " Error: incorrect node id" << std::endl;</pre>
            } else {
                bool is_first = (list.getFirstId(branch) == id);
                sendMessage(branches[branch], std::to_string(id) + "kill");
                std::string reply = receiveMessage(branches[branch]);
                std::cout << reply << std::endl;</pre>
                list.erase(id);
                if (is_first) {
                    unbind(branches[branch], id);
                    branches.erase(branches.begin() + branch);
                }
            }
        } else if (command == "ping") {
            int nodeId;
            std::cin >> nodeId;
            std::set<int> available_nodes;
            if (list.find(nodeId) == -1) {
                std::cout << "Error: Not found" << std::endl;</pre>
            } else {
                for (size_t i = 0; i < branches.size(); ++i) {</pre>
                     int first node id = list.getFirstId(i);
                     sendMessage(branches[i], std::to_string(first_node_id) + " ping");
                    std::string received_message = receiveMessage(branches[i]);
                     std::istringstream reply(received_message);
                    int node;
                    while(reply >> node) {
                         available_nodes.insert(node);
                    }
                }
                if (available_nodes.empty()) {
                     std::cout << "OK: 0" << std::endl;</pre>
                } else {
                    if(available_nodes.find(nodeId) != available_nodes.end()) {
                         std::cout << "OK: 1" << std::endl;</pre>
```

```
}
                }
            }
        } else if (command == "exit") {
            for (size_t i = 0; i < branches.size(); ++i) {</pre>
                 int firstNodeId = list.getFirstId(i);
                 sendMessage(branches[i], std::to_string(firstNodeId) + " kill");
                 std::string reply = receiveMessage(branches[i]);
                 if (reply != "OK") {
                     std::cout << reply << std::endl;</pre>
                 } else {
                     unbind(branches[i], firstNodeId);
                 }
            }
            exit(0);
        } else {
            std::cout << "Not correct command" << std::endl;</pre>
        }
    }
}
```

## Протокол работы программы

#### Тестирование:

```
$ ./client
create 1 -1
OK: 7861
create 2 1
OK: 7934
create 3 2
OK: 7944
exec 2 var
OK: 2: 'var' not found
exec 2 var 5
OK: 2
exec 2 var
OK: 2: 5
ping 1
OK: 1
ping 2
OK: 1
ping 3
OK: 1
ping 4
Error: Not found
kill 2
OK
ping 3
Error: Not found
ping 1
OK: 1
kill 1
OK
exit
```

```
Strace:
    $ strace -f ./client
    execve("./client", ["./client"], 0x7ffdaa30ca08 /* 46 vars */) = 0
                                      = 0x560e6ec4d000
    arch_prctl(0x3001 /* ARCH_??? */, 0x7ffedcdcb920) = -1 EINVAL (Недопустимый аргумент)
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f9500267000
    access("/etc/ld.so.preload", R_OK) = -1 ENOENT (Нет такого файла или каталога)
    openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
    newfstatat(3, "", {st mode=S IFREG|0644, st size=71155, ...}, AT EMPTY PATH) = 0
    mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f95bb255000
    close(3)
    openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC) = 3
    832
    newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=634936, ...}, AT_EMPTY_PATH) = 0
    mmap(NULL, 636784, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bb1b9000
3, 0x1800) = 0x7f95bb1d1000, 397312, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
0x790001 = 0x7f95bb232000 106496, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE, 3,
mmap(0x7f95bb24c000, 36864, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0x92000) = 0x7f95bb24c000
    close(3)
    openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libstdc++.so.6", O_RDONLY|O_CLOEXEC) = 3
    newfstatat(3, "", {st mode=S IFREG | 0644, st size=2260296, ...}, AT EMPTY PATH) = 0
    mmap(NULL, 2275520, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bae00000
    mprotect(0x7f95bae9a000, 1576960, PROT_NONE) = 0
mmap(0 \times 7 + 95 bae 9 a 0 00, 11 18 2 08, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0 \times 9 a 0 00) = 0 \times 7 + 95 bae 9 a 0 00
mmap(0x7f95bafab000 454656, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1ab000) = 0x7f95bafab000
mmap(0x7f95bb01b000,57344, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0x21a000) = 0x7f95bb01b000
-1, 0) mmap(0x7f95bb029000, 10432, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS,
    close(3)
    openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgcc_s.so.1", 0_RDONLY|0_CLOEXEC) = 3
    newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=125488, ...}, AT_EMPTY_PATH) = 0
    mmap(NULL, 127720, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bb199000
mmap(0x7f95bb19c000, 94208, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
mmap(0x7f95bb1b3000, 16384, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1a000)
mmap(0x7f95bb1b7000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0x1d000) = 0x7f95bb1b7000
    close(3)
    openat(AT FDCWD, "/lib/x86 64-linux-gnu/libc.so.6", O RDONLY|O CLOEXEC) = 3
    832
```

newfstatat(3, "", {st\_mode=S\_IFREG|0755, st\_size=2216304, ...}, AT\_EMPTY\_PATH) = 0

```
mmap(NULL, 2260560, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95baa00000
mmap(0x7f95baa28000, 1658880, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0 \times 28000) = 0 \times 7695 baa28000
mmap(0x7f95babbd000, 360448, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1bd000) = 0x7f95babbd000
mmap(0x7f95bac15000, 24576, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x214000) = 0x7f95bac15000
-1, 0) = 0x7f95bac1b000, 52816, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS,
    close(3)
    openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC) = 3
     newfstatat(3, "", {st mode=S IFREG|0644, st size=89096, ...}, AT EMPTY PATH) = 0
    mmap(NULL, 94432, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bb181000
    mprotect(0x7f95bb185000, 69632, PROT NONE) = 0
3, 0 \times 4000 = 0 \times 7 + 95 \text{ bb} 185000, 53248, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
= 0 \times 7 mmap(0 \times 7 f 95 bb 192000, 12288, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE, 3, 0 \times 11000)
, 0 \times 14000) = 0x7f95bb196000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
-1, 0) mmap(0x7f95bb198000, 224, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS,
    close(3)
    openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libsodium.so.23", O_RDONLY|O_CLOEXEC) = 3
     newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=355040, ...}, AT_EMPTY_PATH) = 0
    mmap(NULL, 357440, PROT READ, MAP PRIVATE MAP DENYWRITE, 3, 0) = 0x7f95bb129000
    mprotect(0x7f95bb135000, 303104, PROT NONE) = 0
mmap(0x7f95bb135000, 229376, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x000) = 0x7f95bb135000
mmap(0x7f95bb16d000, 69632, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x44000)
3, 0x55000) = 0x7f95bb17f000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
     close(3)
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
     openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpgm-5.3.so.0", O_RDONLY|O_CLOEXEC) = 3
    832
    newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=310264, ...}, AT_EMPTY_PATH) = 0
    mmap(NULL, 329808, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bb0d6000
3, 0x4000) = 0x7f95bb0da000 172032, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
0x2e000) = 0x7f95bb104000 118784, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE, 3,
3, 0 \times 4 = 000 = 0 \times 7 + 95 = 121000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
-1, 0) mmap(0x7f95bb123000, 14416, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS,
    close(3)
    openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC) = 3
    832
    newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=497824, ...}, AT_EMPTY_PATH) = 0
    mmap(NULL, 1223168, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bacd5000
    mprotect(0x7f95bacdf000, 446464, PROT NONE) = 0
```

```
mmap(0x7f95bacdf000, 286720, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0x7f95bacdf000
mmap(0x7f95bad25000) = 0x7f95bad25000 155648, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE, 3,
mmap(0 \times 7 = 0 \times 7 =
-1, 0) = 0x7f95bad50000, 719360, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS,
              close(3)
              openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2", O_RDONLY|O_CLOEXEC) = 3
              newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=338648, ...}, AT_EMPTY_PATH) = 0
              mmap(NULL, 340960, PROT READ, MAP PRIVATE MAP DENYWRITE, 3, 0) = 0x7f95bb082000
              mprotect(0x7f95bb08d000, 282624, PROT NONE) = 0
3, 0x0000) 0x7f95bb08d000 229376, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
mmap(0x7f95bb0c5000, 49152, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x43000)
mmap(0x7f95bb0d2000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0x4f000) = 0x7f95bb0d2000
              close(3)
              openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC) = 3
              newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=940560, ...}, AT_EMPTY_PATH) = 0
              mmap(NULL, 942344, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95ba919000
3, 0xe000) = 0x7f95ba927000, 507904, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
mmap(0x7f95ba9a3000) 372736, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE, 3, 0x8a000) = 0x7f95ba9a3000
3, 0xe4000) = 0x7f95ba9fe000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
               close(3)
              openat(AT FDCWD, "/lib/x86 64-linux-gnu/libmd.so.0", O RDONLY|O CLOEXEC) = 3
              newfstatat(3, "", {st mode=S IFREG|0644, st size=47472, ...}, AT EMPTY PATH) = 0
              mmap(NULL, 49384, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bb075000
mmap(0 \times 7 + 95 = 0 \times 7 + 95 
0x7f95bb07e000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) =
3, 0 \times 3000 = 0 \times 7 + 95 \times 9000 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
              close(3)
              openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpthread.so.0", O_RDONLY|O_CLOEXEC) = 3
               newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=21448, ...}, AT_EMPTY_PATH) = 0
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
              mmap(NULL, 16424, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bb06e000
0 \times 1000) mmap(0\times7f95bb06f000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0\times1000) = 0\times7f95bb06f000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE
0x7f95bb070000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) =
3, 0 \times 2000 = 0 \times 7 + 95 \times 1000 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
              close(3)
              openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC) = 3
              newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=827936, ...}, AT_EMPTY_PATH) = 0
```

```
mmap(NULL, 830576, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f95ba84e000
          mprotect(0x7f95ba86f000, 634880, PROT NONE) = 0
_{3, 0 \times 21000}^{\text{mmap}(0 \times 7 + 95 \text{ba86} + 600)}, _{380928}^{380928}, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
mmap(0x7f95ba8cc000, 249856, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3,
3, 0xbb000) = 0x7f95ba90a000 61440, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
           close(3)
          openat(AT FDCWD, "/lib/x86 64-linux-gnu/libk5crypto.so.3", O RDONLY|O CLOEXEC) = 3
          newfstatat(3, "", {st mode=S IFREG|0644, st size=182864, ...}, AT EMPTY PATH) = 0
          mmap(NULL, 188472, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bb03f000
          mprotect(0x7f95bb043000, 163840, PROT_NONE) = 0
mmap(0 \times 7 = 0 \times 7 =
mmap(0x7f95bb05e000, 49152, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1f000)
mmap(0x7f95bb06b000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0 \times 20000) = 0 \times 7 \times 10000
mmap(0x7f95bb06d000, 56, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1,
0) = 0x7f95bb06d000
          close(3)
          openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libcom_err.so.2", O_RDONLY|O_CLOEXEC) = 3
           newfstatat(3, "", {st mode=S IFREG|0644, st size=18504, ...}, AT EMPTY PATH) = 0
          mmap(NULL, 20552, PROT READ, MAP PRIVATE MAP DENYWRITE, 3, 0) = 0x7f95bb039000
0 \times 2000) mmap(0×7f95bb03b000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0×7f95bb03b000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE
0x7f95bb03c000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) =
mmap(0x7f95bb03d000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0x3000) = 0x7f95bb03d000
           close(3)
          openat(AT FDCWD, "/lib/x86 64-linux-gnu/libkrb5support.so.0", O RDONLY|O CLOEXEC) = 3
          newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=52016, ...}, AT_EMPTY_PATH) = 0
          mmap(NULL, 54224, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bacc7000
          mprotect(0x7f95bacca000, 36864, PROT_NONE) = 0
mmap(0x7f95bacca000, 24576, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
mmap(0x7f95bacd0000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) =
3, 0xb000) = 0x7f95bacd3000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
           close(3)
          openat(AT FDCWD, "/lib/x86 64-linux-gnu/libkeyutils.so.1", O RDONLY|O CLOEXEC) = 3
          newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=22600, ...}, AT_EMPTY_PATH) = 0
0 \times 7 + 9 \times 1000 \times 1000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
          mmap(NULL, 24592, PROT READ, MAP PRIVATE | MAP DENYWRITE, 3, 0) = 0x7f95bb030000
0 \times 2000) mmap(0x7f95bb032000, 8192, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x7f95bb032000, 8192, PROT_READ|PROT_EXEC, MAP_PRIVATE
0x7f95bb034000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) =
3, 0 \times 4000 = 0 \times 7 + 95 = 0 \times 35000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
          close(3)
                                                                                           = 0
```

```
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libresolv.so.2", O_RDONLY|O_CLOEXEC) = 3
     newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=68552, ...}, AT_EMPTY_PATH) = 0
     mmap(NULL, 80456, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) = 0x7f95bacb3000
mmap(0 \times 7 + 95 bacb6000, 40960, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0 \times 3000) = 0 \times 7 + 95 bacb6000
mmap(0x7f95bacc0000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xd000)
mmap(0x7f95bacc3000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0x7f95bacc3000
mmap(0x7f95bacc5000, 6728, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS,
     close(3)
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
mmap(NULL, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
     arch_prctl(ARCH_SET_FS, 0x7f95bacb09c0) = 0
     set tid address(0x7f95bacb0c90)
                                            = 9946
     set_robust_list(0x7f95bacb0ca0, 24)
                                            = 0
     rseq(0x7f95bacb1360, 0x20, 0, 0x53053053) = 0
     mprotect(0x7f95bac15000, 16384, PROT_READ) = 0
     mprotect(0x7f95bacc3000, 4096, PROT READ) = 0
     mprotect(0x7f95bb035000, 4096, PROT READ) = 0
     mprotect(0x7f95bacd3000, 4096, PROT READ) = 0
     mprotect(0x7f95bb03d000, 4096, PROT READ) = 0
     mprotect(0x7f95bb06b000, 4096, PROT READ) = 0
     mprotect(0x7f95ba90a000, 53248, PROT_READ) = 0
     mprotect(0x7f95bb071000, 4096, PROT_READ) = 0
     mprotect(0x7f95bb080000, 4096, PROT READ) = 0
     mprotect(0x7f95ba9fe000, 4096, PROT_READ) = 0
     mprotect(0x7f95bb0d2000, 8192, PROT READ) = 0
     mprotect(0x7f95bb1b7000, 4096, PROT_READ) = 0
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
     mprotect(0x7f95bb01b000, 45056, PROT READ) = 0
     mprotect(0x7f95bad4c000, 12288, PROT_READ) = 0
     mprotect(0x7f95bb121000, 4096, PROT READ) = 0
     mprotect(0x7f95bb17f000, 4096, PROT READ) = 0
     mprotect(0x7f95bb196000, 4096, PROT READ) = 0
     mprotect(0x7f95bb24c000, 32768, PROT_READ) = 0
     mprotect(0x560e6d474000, 4096, PROT READ) = 0
     mprotect(0x7f95bb2a1000, 8192, PROT_READ) = 0
     prlimit64(0, RLIMIT_STACK, NULL, {rlim_cur=8192*1024, rlim_max=RLIM64_INFINITY}) = 0
     munmap(0x7f95bb255000, 71155)
                                            = 0
     getrandom("\x75\xeb\x9e\x33\xfc\xb8\x82\xd0", 8, GRND_NONBLOCK) = 8
     brk(NULL)
                                            = 0x560e6ec4d000
     brk(0x560e6ec6e000)
                                            = 0x560e6ec6e000
     futex(0x7f95bb02977c, FUTEX WAKE PRIVATE, 2147483647) = 0
     openat(AT_FDCWD, "/sys/devices/system/cpu/online", O_RDONLY|O_CLOEXEC) = 3
     read(3, "0-11\n", 1024)
                                            = 5
     close(3)
                                            = 0
     openat(AT_FDCWD, "/sys/devices/system/cpu", O_RDONLY|O_NONBLOCK|O_CLOEXEC|O_DIRECTORY)
```

```
newfstatat(3, "", {st_mode=S_IFDIR|0755, st_size=0, ...}, AT_EMPTY_PATH) = 0
      getdents64(3, 0x560e6ec5eee0 /* 31 entries */, 32768) = 904
      getdents64(3, 0x560e6ec5eee0 /* 0 entries */, 32768) = 0
      close(3)
      getpid()
                                                        = 9946
      sched_getaffinity(9946, 128, [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]) = 8
      newfstatat(AT_FDCWD, "/etc/nsswitch.conf", {st_mode=S_IFREG|0644, st_size=542, ...}, 0)
      newfstatat(AT_FDCWD, "/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
      openat(AT_FDCWD, "/etc/nsswitch.conf", O_RDONLY|O_CLOEXEC) = 3
      newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=542, ...}, AT_EMPTY_PATH) = 0
      read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 542
      read(3, "", 4096)
      newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=542, ...}, AT_EMPTY_PATH) = 0
      close(3)
      openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
      newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=71155, ...}, AT_EMPTY_PATH) = 0
      mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f95bb255000
      close(3)
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", ORDONLY|OCLOEXEC) = -1 ENOENT (Het такого фаила или каталога)
newfstatat(AT FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого фаила или каталога)
= -1 eNOENT (Het такого файла или каталога) = -1 ENOENT (Het такого файла или каталога)
O_RDONLY|O_CLOEXEC| "/lib/x86_64-linux-gnu/tls/haswell/x86_64/libnss_db.so.2",
newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/haswell/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Het такого файла или каталога)
O_RDONLY|O_CLOEXEC| "/lib/x86_64-linux-gnu/tls/haswell/libnss_db.so.2",
newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/haswell", 0x7ffedcdc8710, 0) = -1 ENOENI (Het такого файла или каталога)
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
= -1 ENOENT (Нет такого файла или каталога)
newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Her Takoro файла или каталога)
openat(AT FDCWD, "/lib/x86_64-linux-gnu/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls", 0x7ffedcdc8710, 0) = -1 ENOENT (Heт такого файла или каталога)
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT-(Heт такого файла или каталога)
PROBENT (Het Takoro файла или каталога) (Het Takoro файла или каталога) = -1
-1 ENOENT (HET—TAKOTO фаила или—каталога) - gnu/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) =
(Heт takoro файла или каталога) "/lib/x86_64-linux-gnu/haswell", 0x7ffedcdc8710, 0) = -1 ENOENT
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het—такого фаила или—каталога)
openat(AT FDCWD, "/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755, st_size=98304, ...}, 0) = 0
o_modelat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_modelat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_modelate(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_modelate(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2",
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7ffedcdc8710, 0) = -1 ENOENT (HeT такого файла или каталога)
```

```
openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her такого файла или каталога)
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7ffedcdc8710, 0) = -1 ENOENT (Het такого файла или каталога)
o_model(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/haswell/x86_64/libnss_db.so.2", O_model()O_CLOEXEC) = -1 ENOENI (Her такого файла или каталога)
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/haswell/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Het такого файла или каталога)
O_RDONLY|O_CLOEXEC) - '(usr/lib/x86 64-linux-gnu/tls/haswell/libnss_db.so.2",
PROBLEM PROBLEM TO THE TAKOTO T
O_RDONLY|O_CLOEXEC) - "/usr/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", о_RDONLY|O_CLOEXEC)
PROBLEM PROBLEM TO THE TAKOTO T
openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENI (Het такого файла или каталога)
(Her takoro quana unu katanora) "/usr/lib/x86_64-linux-gnu/tls", 0x7ffedcdc8710, 0) = -1 ENOENT
openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her Takoro файла или каталога)
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/haswell/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Het такого файла или каталога)
openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/haswell/libnss_db.so.2", O RDONLY|O CLOEXEC) = -1 ENOENT (Her такого файла или каталога)
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/haswell", 0x7ffedcdc8710, 0) = -1 ENOENI (Het такого файла или каталога)
openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
enoeni (AT_FDCWD, "/usr/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755, st_size=98304, ...},
enoeni (AT FDCWD "/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 (Het такого файла или каталога)
newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
openat(AT FDCWD, "/lib/tls/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENI (Het такого файла или каталога)
newfstatat(AT_FDCWD, "/lib/tls/haswell/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Heт такого файла или каталога)
openat(AT_FDCWD, "/lib/tls/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her такого файла или каталога)
newfstatat(AT_FDCWD, "/lib/tls/haswell", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
openat(AT_FDCWD, "/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her Takoro (pamina unu katanora)
newfstatat(AT_FDCWD, "/lib/tls/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла Или Каталога)
openat(AT_FDCWD, "/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her такого файла или каталога)
newfstatat(AT_FDCWD, "/lib/tls", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или
openat(AT_FDCWD, "/lib/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
newfstatat(AT_FDCWD, "/lib/haswell/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Heт такого файла или каталога)
openat(AT_FDCWD, "/lib/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Heт такого файла или каталога)
__newfstatat(AT_FDCWD, "/lib/haswell", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
openat(AT_FDCWD, "/lib/x86_64/libnss_db.so.2", O_RDONLY|0_CLOEXEC) = -1 ENOENT (Her такого файла или каталога)
```

```
newfstatat(AT_FDCWD, "/lib/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
openat(AT_FDCWD, "/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
      newfstatat(AT_FDCWD, "/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
e -1 eNOENT (AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
(Her Takoro файла אחת Katanora) newfstatat(AT FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3", 0x7ffedcdc8710, 0) = -1 ENOENT
openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
אר הפשלstatat(AT FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2", 0x7ffedcdc8710, 0) = -1 ENOENT (Het Takoro файла אחות karanora)
openat(AT_FDCWD, "/usr/lib/tls/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
(Heт Takoro файла или каталога) "/usr/lib/tls/haswell/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT
(Heт openat(AT_FDCWD, "/usr/lib/tls/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT
newfstatat(AT FDCWD, "/usr/lib/tls/haswell", 0x7ffedcdc8710, 0) = -1 ENOENT (Heт такого файла Или каталога)
(Heт takoro файла или каталога) (Het takoro файла или каталога) = -1 ENOENT
newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Heт такого файла или каталога)
openat(AT_FDCWD, "/usr/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Heт такого файла или каталога)
newfstatat(AT_FDCWD, "/usr/lib/tls", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
openat(AT FDCWD, "/usr/lib/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENI (Het такого файла или каталога)
newfstatat(AT_FDCWD, "/usr/lib/haswell/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Heт такого файла или каталога)
openat(AT_FDCWD, "/usr/lib/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
newfstatat(AT_FDCWD, "/usr/lib/haswell", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла ИЛИ каталога)
openat (AT_FDCWD, "/usr/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
newfstatat(AT FDCWD, "/usr/lib/x86_64", 0x7ffedcdc8710, 0) = -1 ENOENT (Нет такого файла или каталога)
openat(AT_FDCWD, "/usr/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
      newfstatat(AT_FDCWD, "/usr/lib", {st_mode=S_IFDIR | 0755, st_size=4096, ...}, 0) = 0
     munmap(0x7f95bb255000, 71155)
      openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
      newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=71155, ...}, AT_EMPTY_PATH) = 0
      mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f95bb255000
      close(3)
openat(AT FDCWD, "/lib/x86_64-linux-gnu/libnss_db-2.35.so", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Heт такого файла или каталога)
openat (AT_FDCWD, "/usr/lib/x86_64-linux-gnu/libnss_db-2.35.so", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
openat(AT_FDCWD, "/lib/libnss_db-2.35.so", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
openat(AT_FDCWD, "/usr/lib/libnss_db-2.35.so", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Heт такого файла или каталога)
      munmap(0x7f95bb255000, 71155)
      openat(AT_FDCWD, "/etc/protocols", 0_RDONLY|0_CLOEXEC) = 3
      newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=2932, ...}, AT_EMPTY_PATH) = 0
      lseek(3, 0, SEEK_SET)
      read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 2932
      read(3, "", 4096)
      close(3)
                                                    = 0
```

```
eventfd2(0, EFD_CLOEXEC)
                                               = 3
     fcntl(3, F GETFL)
                                               = 0x2 (flags O RDWR)
     fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK)
                                               = 0x802 (flags O_RDWR|O_NONBLOCK)
     fcntl(3, F_GETFL)
     fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK)
                                               = 9946
     getpid()
                                               = 9946
     getpid()
     getrandom("\xd2\x8e\xba\x6c\xb9\x9e\x92\x12\xd5\x31\x46\x4d\xf8\x85\x03\xec", 16, 0) =
16
     getrandom("\x59\x02\x63\x10\x99\xc1\xa6\xc2\x88\xba\xee\x8a\xe4\xfd\x16\x43", 16, 0) =
16
newfstatat(0, "", {st_mode=S_IFCHR|0620, st_rdev=makedev(0x88, 0x1), ...},
     read(0, create 1 -1
     "create 1 -1\n", 1024)
                                       = 12
clone(child_stack=NULL, flags=CLONE_CHILD_CLEARTID|CLONE_CHILD_SETTID|SIGCHLDstrace:
     , child_tidptr=0x7f95bacb0c90) = 9950
     [pid 9950] set robust list(0x7f95bacb0ca0, 24 <unfinished ...>
     [pid 9946] eventfd2(0, EFD_CLOEXEC <unfinished ...>
     [pid 9950] <... set_robust_list resumed>) = 0
     [pid 9946] <... eventfd2 resumed>)
     [pid 9946] fcntl(4, F_GETFL <unfinished ...>
[pid 9950] execve("../build/server", ["../build/server", "1"], 0x7ffedcdcbaf8 /* 46
vars */ <unfinished ...>
     [pid 9946] <... fcntl resumed>)
                                             = 0x2 (flags O_RDWR)
     [pid 9946] fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
     [pid 9946] fcntl(4, F_GETFL)
                                               = 0x802 (flags O RDWR O NONBLOCK)
     [pid 9946] fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
     [pid 9946] getpid()
     [pid 9946] epoll_create1(EPOLL_CLOEXEC) = 5
[pid_{9946}] = poll_{ct1}(5, EPOLL_CTL\_ADD, 4, {events=0, data={u32=1858469904, u64=94619988000784}}) = 0
u64=9461998800784;) = 011_ctl(5, EPOLL_CTL_MOD, 4, {events=EPOLLIN, data={u32=1858469904,
     [pid 9946] getpid()
                                               = 9946
sa_flags=SA_RESTORER[SA_ONSTACK[SA_RESTART|SA_SIGINFO, sa_restorer=0x7f95baa42520], NULL, 8)
     [pid 9946] rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0
     [pid 9950] <... execve resumed>)
= 0x7f95ba04d000 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0)
     [pid 9946] mprotect(0x7f95ba04e000, 8388608, PROT_READ|PROT_WRITE <unfinished ...>
     [pid 9950] brk(NULL <unfinished ...>
     [pid 9946] <... mprotect resumed>)
     [pid 9950] <... brk resumed>)
                                             = 0x55583de53000
     [pid 9946] rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0
            9946]
BSECHONE YMICLONE FSICLONE FILESICLONE SIGHANDICLONE THREADICLONE SYSVSEMICLONE S
BXX193Ba84d9101.cxxij_signate0, Stack=0x7f95ba04d000, Stack_size=0x7ffc80,
[pid 9950] arch_prctl(0x3001 /* ARCH_??? */, 0x7ffc5add9e50) = -1 EINVAL
     strace: Process 9951 attached
     [pid 9946] <... clone3 resumed> => {parent_tid=[9951]}, 88) = 9951
[pid 9950] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0
<unfinished ...)</pre>
```

```
[pid 9946] rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>
         [pid 9950] <... mmap resumed>)
                                                                 = 0x7fcc08a71000
         [pid 9946] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 9950] access("/etc/ld.so.preload", R_OK) = -1 ENOENT (Нет такого файла или
         [pid 9950] openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=71155, ...},
         [pid 9950] mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7fcc08a5f000
         [pid 9950] close(3)
[pid 9950] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC
         [pid 9946] eventfd2(0, EFD_CLOEXEC <unfinished ...>
         [pid 9951] rseq(0x7f95ba84dfe0, 0x20, 0, 0x53053053 <unfinished ...>
         [pid 9950] <... openat resumed>)
[pid 9946] <... eventfd2 resumed>) = 6
AT EMPTY PATH 9950 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=634936, ...},
0x7fcc089c3000 mmap(NULL, 636784, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) =
MAP PRIVATE MAP FIXED (MAP DENYWRITE, 3,397312 00 PROT REAP PROT EXEC.)
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x79000 <urr>
         [pid 9951] <... rseq resumed>)
                                                                 = 0x7fcc08a3c000
         [pid 9950] <... mmap resumed>)
         [pid 9951] set robust list(0x7f95ba84d920, 24 <unfinished ...>
MAP PRIVATE MAP FIXED MAP DENYWRITE. 3.0x92000 MAP PRIVATE MAP FIXED MAP DENYWRITE. 3.0x92000 Confinished -...>
         [pid 9951] <... set_robust_list resumed>) = 0
         [pid 9950] <... mmap resumed>)
                                                                 = 0x7fcc08a56000
         [pid 9946] fcntl(6, F_GETFL <unfinished ...>
         [pid 9950] close(3)
         [pid 9946] \langle \dots \rangle = 0x2 (flags O_RDWR)
O_RDONLY|O CLOEXEC = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libstdc++.so.6",
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=2260296, ...},
pid 9950] mmap(NULL, 2275520, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
         [pid 9950] mprotect(0x7fcc0869a000, 1576960, PROT_NONE <unfinished ...>
         [pid 9951] rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>
         [pid 9950] <... mprotect resumed>)
         [pid 9951] <... rt sigprocmask resumed>NULL, 8) = 0
[pid 9950] mmap(0x7fcc0869a000, 1118208 PROT READ|PROT EXEC, MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x9a000 <unfinished ...>
         [pid 9946] fcntl(6, F SETFL, O RDWR|O NONBLOCK <unfinished ...>
         [pid 9950] <... mmap resumed>)
                                                                      = 0x7fcc0869a000
         [pid 9946] <... fcntl resumed>) = 0
[pid 9950] mmap(0x7fcc087ab000, 454656, PROT READ, MAP_PRIVATE[MAP_FIXED[MAP_DENYWRITE, 3, 0x1ab000 < unfinished ...>
         [pid 9946] fcntl(6, F_GETFL <unfinished ...>
         [pid 9950] <... mmap resumed>)
                                                                             = 0x7fcc087ab000
MAP PRIVATE MAP FIXED (MAP DENYWRITE, 3,57344 a PROT READ PROT WRITE, 3,57344 a PROT READ PROT READ PROT WRITE, 3,57344 a PROT READ PROT REA
```

```
MAP PRIVATE MAP FIXED MAP ANONYMOUS, -1.432, PROT READ PROT WRITE,
     [pid 9951] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>
     [pid 9950] close(3 <unfinished ...>
     [pid 9951] <... rt_sigprocmask resumed>NULL, 8) = 0
     [pid 9950] <... close resumed>)
     [pid 9951] sched_getparam(9951, <unfinished ...>
[pid 9950] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgcc_s.so.1", O_RDONLY|O_CLOEXEC
     [pid 9946] <... fcntl resumed>)
                                           = 0x802 (flags O RDWR O NONBLOCK)
     [pid 9951] <... sched_getparam resumed>[0]) = 0
     [pid 9950] <... openat resumed>)
     [pid 9946] fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
     [pid 9951] sched_getscheduler(9951 <unfinished ...>
     [pid 9946] <... fcntl resumed>)
     [pid 9950] read(3, <unfinished ...>
     [pid 9951] <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
     [pid 9946] getpid( <unfinished ...>
[pid 9946] <... getpid resumed>) = 9946
     [pid 9951] sched_setscheduler(9951, SCHED_OTHER, [0] <unfinished ...>
     [pid 9946] epoll create1(EPOLL CLOEXEC <unfinished ...>
     [pid 9950] newfstatat(3, "", <unfinished ...>
     [pid 9946] <... epoll_create1 resumed>) = 7
     [pid 9951] <... sched setscheduler resumed>) = 0
AT EMPTY PATH 9950 6... newfstatat resumed>{st_mode=S_IFREG | 0644, st_size=125488, ...},
[pid_{9946}] = poll_{ctl}(7, EPOLL_{ADD}, 6, {events=0, data={u32=1858470272, u64=94619988001152}}) < unfinished ...>
     [pid 9951] prctl(PR_SET_NAME, "ZMQbg/Reaper" <unfinished ...>
...> [pid 9950] mmap(NULL, 127720, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished
     [pid 9946] <... epoll_ctl resumed>) = 0
     [pid 9951] <... prctl resumed>)
[pid_9946]_epoll_ctl(7, EPOLL_CTL_MOD, 6, {events=EPOLLIN, data={u32=1858470272, u64=94619988001152}} <unfinished ...>
     [pid 9950] <... mmap resumed>)
                                           = 0x7fcc089a3000
     [pid 9946] <... epoll ctl resumed>) = 0
     [pid 9951] epoll wait(5, <unfinished ...>
[pid 9950] mmap(0x7fcc089a6000, 94208 PROT READ|PROT EXEC, MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x3000 <unfinished ...>
[pid 9946] mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0
     [pid 9950] <... mmap resumed>)
                                           = 0x7fcc089a6000
     [pid 9946] <... mmap resumed>)
                                           = 0x7f95b984c000
3, 0x1a000 <unfinished ...> [pid 9950] mmap(0x7fcc089bd000, 16384, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
     [pid 9946] mprotect(0x7f95b984d000, 8388608, PROT READ|PROT WRITE <unfinished ...>
                                             = 0x7fcc089bd000
     [pid 9950] <... mmap resumed>)
     [pid 9946] <... mprotect resumed>)
MAP PRIVATE MAP FIXED MAP DENYWRITE. 3. 0x1d000 cunfinished ...>
     [pid 9946] rt_sigprocmask(SIG_BLOCK, ~[], <unfinished ...>
     [pid 9950] <... mmap resumed>)
                                           = 0x7fcc089c1000
     [pid 9946] <... rt_sigprocmask resumed>[], 8) = 0
```

```
9946]
ags=clone_ymlcLone_ss|CLone_EILES|CLone_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_S
avritespad4c910|cexit_signal=0, stack=0x7f95b984c000, stack_size=0x7ffc80,
bad4c640} <unfinished-...>
                [pid 9950] close(3)
                [pid 9950] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC) = 3
                strace: Process 9952 attached
                [pid 9946] <... clone3 resumed> => {parent_tid=[9952]}, 88) = 9952
                [pid 9950] read(3, <unfinished ...>
                [pid 9952] rseq(0x7f95ba04cfe0, 0x20, 0, 0x53053053 <unfinished ...>
                [pid 9946] rt sigprocmask(SIG SETMASK, [], <unfinished ...>
                [pid 9952] <... rseq resumed>)
[pid 9946] <... rt sigprocmask resumed>NULL, 8) = 0
                [pid 9952] set robust list(0x7f95ba04c920, 24 <unfinished ...>
                [pid 9950] pread64(3, <unfinished ...>
                [pid 9952] <... set_robust_list resumed>) = 0
                [pid 9946] eventfd2(0, EFD_CLOEXEC <unfinished ...>
resumed > \frac{1}{2} \frac{
                [pid 9946] <... eventfd2 resumed>)
                [pid 9952] rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>
                [pid 9946] fcntl(8, F_GETFL <unfinished ...>
                [pid 9950] pread64(3, <unfinished ...>
                [pid 9946] <... fcntl resumed>)
                                                                                                                                 = 0x2 (flags O RDWR)
                [pid 9952] <... rt_sigprocmask resumed>NULL, 8) = 0
                [pid 9946] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
[pid 9946] <... fcntl resumed>)
                [pid 9952] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>
                [pid 9946] fcntl(8, F GETFL <unfinished ...>
                [pid 9950] pread64(3, <unfinished ...>
                [pid 9946] \langle \dots \rangle fcntl resumed = 0x802 (flags O_RDWR O_NONBLOCK)
                [pid 9952] <... rt_sigprocmask resumed>NULL, 8) = 0
                [pid 9946] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
=\340\2563\265!\356\25X\261\27\313A#\350\...\68.896\=68\0\0\0GNU\0
                [pid 9946] <... fcntl resumed>)
                [pid 9952] sched getparam(9952, <unfinished ...>
                [pid 9946] getpid( <unfinished ...>
                [pid 9950] newfstatat(3, "", <unfinished ...>
                [pid 9946] <... getpid resumed>)
                                                                                                                                     = 9946
                [pid 9952] <... sched_getparam resumed>[0]) = 0
AT EMPTY PATH) 6... newfstatat resumed>{st_mode=S_IFREG|0755, st_size=2216304, ...},
                [pid 9952] sched_getscheduler(9952 <unfinished ...>
                [pid 9950] pread64(3, <unfinished ...>
                [pid 9952] <... sched getscheduler resumed>) = 0 (SCHED OTHER)
                [pid 9946] getpid( <unfinished ...>
resumed > (6.0000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.000) = (6.
                [pid 9946] <... getpid resumed>)
                                                                                                                                    = 9946
```

```
[pid 9952] sched_setscheduler(9952, SCHED_OTHER, [0] <unfinished ...>
            [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
...> [pid 9950] mmap(NULL, 2260560, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished
            [pid 9946] <... poll resumed>)
                                                                                                      = 0 (Timeout)
            [pid 9952] <... sched_setscheduler resumed>) = 0
            [pid 9950] <... mmap resumed>)
                                                                                                      = 0x7fcc08200000
            [pid 9952] prctl(PR_SET_NAME, "ZMQbg/IO/0" <unfinished ...>
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 6828000 PROT READ PROT EXEC,
            [pid 9952] <... prctl resumed>)
            [pid 9946] socket(AF_NETLINK, SOCK_RAW|SOCK_CLOEXEC, NETLINK_ROUTE <unfinished ...>
            [pid 9952] epoll_wait(7, <unfinished ...>
            [pid 9950] <... mmap resumed>)
                                                                                                       = 0x7fcc08228000
            [pid 9946] <... socket resumed>)
[pid 9950] mmap(0x7fcc083bd000, 360448 PROT READ, MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x1bd000 <unfinished ...>
[pid 9946] bind(9, {sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, 12
            [pid 9950] <... mmap resumed>)
                                                                                                   = 0x7fcc083bd000
            [pid 9946] <... bind resumed>)
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,24576, PROT READ PROT WRITE, MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,24576, PROT READ PROT WRITE, WAS A STATE OF THE PROT WAS A STATE OF THE PROT OF THE PROT WAS A STATE OF THE PROT OF THE PROT WAS A STATE OF THE PROT WAS A STATE OF THE PROT OF THE PROT WAS A STATE OF THE PROT WA
            [pid 9946] getsockname(9, <unfinished ...>
            [pid 9950] <... mmap resumed>)
                                                                                                       = 0x7fcc08415000
nl_groups=0000000;;[12]) = 0 resumed>{sa_family=AF_NETLINK, nl_pid=9946,
MAP_PRIVATE[MAP_FIXED[MAP_ANONYMOUS], -1, 0 ...> PROT. READ[PROT_WRITE, MAP_PRIVATE]
      [pid 9946] sendto(9, [{nlmsg_len=20, nlmsg_type=RTM_GETLINK,
lsgfamily=AF_WHSPEC, ...}], 20, 0, {sa_family=AF_NETLINK, nl_psd=0, nl_groups=00000000},
<unfinished-...}
            [pid 9950] <... mmap resumed>)
                                                                                                   = 0x7fcc0841b000
            [pid 9950] close(3)
            [pid 9946] <... sendto resumed>)
                                                                                                       = 20
[pid 9950] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC
            [pid 9946] recvmsg(9, <unfinished ...>
            [pid 9950] <... openat resumed>)
```

```
[pid 9950] read(3, <unfinished ...>
                       [pid 9946] recvmsg(9, <unfinished ...>
 pid 9946] ... recvmsg resumed \{ msg name = \{ sa family = AF NETLINK nl_pid = 0, nlmsg type = NLMSG DONE, nlmsg resumed \{ msg name = \{ sa family = AF NETLINK nl_pid = 0, nlmsg type = NLMSG DONE, nlmsg resumed \{ nlmsg pod = 17038 pod = 20 nlmsg pid = 9946 \}, 0 \], old nlmsg resumed \{ msg type = NLMSG DONE, nlmsg resumed \{ msg type = 17038 pod = 20 nlmsg pid = 9946 \}, 0 \], old nlmsg resumed \{ msg type = 17038 pod = 20 nlmsg pid = 9946 \}, 0 \],
AT EMPTY PATH) 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=89096, ...},
  [pid 9950] mmap(NULL, 94432, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished
[pid 9946] sendto(9, [{nlmsg_len=20, nlmsg_type=RTM_GETADDR, pid=0}, nlmsg_type=RTM_GETADDR, pid=0}, nlmsg_type=RTM_GETADDR, nlmsg_pid=0}, nlmsg_type=RTM_GETADDR, nlmsg_type=RTM_GETADD
                       [pid 9950] <... mmap resumed>)
                                                                                                                                                                                              = 0x7fcc0898b000
                      [pid 9950] mprotect(0x7fcc0898f000, 69632, PROT NONE) = 0
MAP_PRIVATE MAP_FIXED MAP_DENYWRITE, 3, 0x4000 <urr color to the map_restrict of the m
                      [pid 9946] <... sendto resumed>)
                       [pid 9950] <... mmap resumed>)
                                                                                                                                                                                             = 0x7fcc0898f000
3, 0x11000) = 0x7fcc0899c000, 12288, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE,
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3, 0x14000 \tag{whiten whiten wh
                       [pid 9946] recvmsg(9, <unfinished ...>
                       [pid 9950] <... mmap resumed>)
                                                                                                                                                                                              = 0x7fcc089a0000
MAP PRIVATE MAP FIXED MAP ANONYMOUS, -1, 0) = 0x7fcc089a2000
                      [pid 9950] close(3)
O_RDONLY[O_CLOEXEC <unfinished ...> "/lib/x86_64-linux-gnu/libsodium.so.23",
                  pretered 83094, ifa r NorrettxROUTE1, "fa Type=IFA LABELY 3 type
tovien=1, msg_controllen=0, msg_flags=0}, 0) = 164 mp=32907}]
                       [pid 9950] <... openat resumed>)
[pid 9950] mmap(NULL, 357440, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished
                       [pid 9946] recvmsg(9, <unfinished ...>
                                              9950] <... mmap resumed>)
                                                                                                                                                                                              = 0x7fcc08933000
                       [pid
                                                   TSTamp=32907;T=TT;Hamled=8;ThMartype=1EA+E/AGS(25), Tra_variu=429496/295;**

LENTTFA F NOPREFIXROUTE]]]]; iov_len=4096; msg_iovlen=1, msg_controllen=0,
                       [pid 9950] mprotect(0x7fcc0893f000, 303104, PROT NONE) = 0
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE], 3,229376 PROT READ | PROT EXEC,
[pid 9950] mmap(0x7fcc08977000, 69632, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x44000 <unfinished ...>
                       [pid 9946] recvmsg(9, <unfinished ...>
```

```
[pid 9950] <... mmap resumed>) = 0x7fcc08977000
[pid 9946] {...recvmsg_resumed>{msg_name={sa_family=AF_NEILINK, nl_pid=0, nl_msg_type=NLMSG_DONE nlmsg_flags=NLMSF_NULT; inlmsg_seg=1703809029 nlmsg_pid=9946}, 0], nsg_iovlen=1, msg_controllen=0; msg_flags=0}, 0) = 20
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3,819255000] = BAD | PROT WRITE | MAP_PROT WRITE | M
          [pid 9946] close(9 <unfinished ...>
         [pid 9950] close(3 <unfinished ...>
          [pid 9946] <... close resumed>)
         [pid 9950] <... close resumed>)
                                                                              = 0
[pid 9950] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0
         [pid 9946] socket(AF INET, SOCK STREAM|SOCK CLOEXEC, IPPROTO TCP <unfinished ...>
                                                                    = 0x7fcc08931000
         [pid 9950] <... mmap resumed>)
O RDONLY O CLOEXEC <unfinished ...> [pid 9950] openat(AT FDCWD, "/lib/x86_64-linux-gnu/libpgm-5.3.so.0",
         [pid 9946] <... socket resumed>)
         [pid 9950] <... openat resumed>)
                                                                       = 3
         [pid 9946] setsockopt(9, SOL_SOCKET, SO_REUSEADDR, [1], 4 <unfinished ...>
         [pid 9950] read(3, <unfinished ...>
         [pid 9946] <... setsockopt resumed>)
sin_addr=inet_addr("127.0.0.1")}, 16 <unfinished-...>
         [pid 9950] newfstatat(3, "", <unfinished ...>
         [pid 9946] <... bind resumed>)
AT EMPTY PATH) = 0... newfstatat resumed>{st_mode=S_IFREG|0644, st_size=310264, ...},
         [pid 9946] listen(9, 100 <unfinished ...>
[pid 9950] mmap(NULL, 329808, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished
         [pid 9946] <... listen resumed>) = 0
         [pid 9950] <... mmap resumed>) = 0x7fcc088e0000
         [pid 9946] getsockname(9, <unfinished ...>
MAP_PRIVATE[MAP_FIXED[MAP_DENYWRITE, 3,70x4000 \( \text{vinfinished} \\ \dots \)...>
[pid 9950] <... mmap resumed>)
         [pid 9946] getsockname(9, <unfinished ...>
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3. 0x2e000 <urr>
[pid. 9946] < getsockname resumed>{sa family=AF_INET, sin_port=htons(4041), sin_addr=inet addr("127.0.0.1")}, [128 => 16]) = 0
         [pid 9950] <... mmap resumed>)
                                                                          = 0x7fcc0890e000
          [pid 9946] getpid( <unfinished ...>
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3. 0x4a000 sunfinished ....>
         [pid 9946] <... getpid resumed>) = 9946
          [pid 9950] <... mmap resumed>) = 0x7fcc0892b000
          [pid 9946] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
MAP_PRIVATE[MAP_FIXED[MAP_ANONYMOUS],-1,4416, PROT. READ[PROT_WRITE,
          [pid 9946] <... write resumed>)
u64=94619988001152}}, epoll_wait_resumed>[{events=EPOLLIN, data={u32=1858470272, 1.56, -1} = 1
         [pid 9950] <... mmap resumed>) = 0x7fcc0892d000
```

```
[pid 9946] getpid( <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
     [pid 9946] <... getpid resumed>)
                                       = 9946
     [pid 9950] close(3 <unfinished ...>
     [pid 9952] <... getpid resumed>)
                                        = 9946
     [pid 9946] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9950] <... close resumed>)
                                       = 0
     [pid 9946] <... write resumed>)
                                         = 8
   [pid 9950] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC)
    [pid 9946] getpid( <unfinished ...>
     [pid 9950] read(3, <unfinished ...>
     [pid 9946] <... getpid resumed>)
                                      = 9946
[pid 9946] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9950] newfstatat(3, "", <unfinished ...>
                                  = 1 ([{fd=8, revents=POLLIN}])
     [pid 9946] <... poll resumed>)
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9946] getpid( <unfinished ...>
AT_EMPTY_PATH) 6... newfstatat resumed>{st_mode=S_IFREG|0644, st_size=497824, ...},
     [pid 9946] <... getpid resumed>)
                                        = 9946
[pid 9950] mmap(NULL, 1223168, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished
     [pid 9946] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9950] <... mmap resumed>)
                                   = 0x7fcc084d5000
     [pid 9946] getpid( <unfinished ...>
     [pid 9950] mprotect(0x7fcc084df000, 446464, PROT_NONE <unfinished ...>
     [pid 9946] <... getpid resumed>)
                                       = 9946
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9950] <... mprotect resumed>) = 0
     [pid 9946] <... poll resumed>)
                                       = 0 (Timeout)
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0xa000 <unfinished ...>
                                         = 9946
     [pid 9946] getpid()
     [pid 9950] <... mmap resumed>)
                                        = 0x7fcc084df000
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 5000 <unfinished ...>
MAP PRIVATE MAP FIXED MAP DENYWRITE. 3. 0x50000) = 0x7fcc08525000
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,16384 PROT READ PROT WRITE, 3,16384 PROT READ PROT WRITE,
MAP PRIVATE MAP FIXED MAP ANONYMOUS. -1. 0 Sunfinished ...
                                   = 1 ([{fd=6, revents=POLLIN}])
= 0x7fcc00550000
     [pid 9952] <... poll resumed>)
     [pid 9950] <... mmap resumed>)
     [pid 9950] close(3)
O_RDONLY[O CLOEXEC) = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2",
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=338648, ...},
pid 9950] mmap(NULL, 340960, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
     [pid 9950] mprotect(0x7fcc08897000, 282624, PROT_NONE) = 0
```

```
MAP_PRIVATE[MAP_FIXED[MAP_DENYWRITE],322937600] PROT READ[PROT EXEC,
[pid 9950] mmap(0x7fcc088cf000, 49152, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x43000) = 0x7fcc088cf000
           [pid 9952] getpid( <unfinished ...>
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3,0x4f000 <unfinished ....>
           [pid 9952] <... getpid resumed>) = 9946
           [pid 9950] <... mmap resumed>)
                                                                                             = 0x7fcc088dc000
           [pid 9952] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
           [pid 9950] close(3 <unfinished ...>
-1, 0 [pid 9952] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE,
           [pid 9950] <... close resumed>) = 0
                                                                                   = 0x7f95b184c000
           [pid 9952] <... mmap resumed>)
[pid 9950] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC
           [pid 9952] munmap(0x7f95b184c000, 41631744 <unfinished ...>
           [pid 9950] <... openat resumed>)
           [pid 9950] read(3, <unfinished ...>
           [pid 9952] <... munmap resumed>)
[pid 9952] munmap(0x7f95b8000000, 25477120 <unfinished ...>
           [pid 9950] newfstatat(3, "", <unfinished ...>
           [pid 9952] <... munmap resumed>)
AT EMPTY PATH) 6... newfstatat resumed>{st_mode=S_IFREG|0644, st_size=940560, ...},
           [pid 9952] mprotect(0x7f95b4000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>
[pid 9950] mmap(NULL, 942344, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0 <unfinished
           [pid 9952] <... mprotect resumed>) = 0
           [pid 9950] <... mmap resumed>)
                                                                                       = 0x7fcc08119000
MAP_PRIVATE[MAP_FIXED[MAP_DENYWRITE, 3,0xe000 cunfinished ...>
pid 9952] epoll ctl(7, EPOLL CTL_ADD, 9, {events=0, data={u32=3019901808,
u64=140280946756464}} <unfinished ...>
                                                                                   = 0x7fcc08127000
           [pid 9950] <... mmap resumed>)
           [pid 9952] <... epoll_ctl resumed>) = 0
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,70x8a000 <urbox/representations/
u64=140280946756464}}] = 011_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=3019901808,
           [pid 9950] <... mmap resumed>)
                                                                                             = 0x7fcc081a3000
           [pid 9952] getpid( <unfinished ...>
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0xe4000 cunfinished ...>
           [pid 9952] <... getpid resumed>)
                                                                                        = 9946
           [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
           [pid 9950] <... mmap resumed>)
                                                                                     = 0x7fcc081fe000
           [pid 9952] <... poll resumed>) = 0 (Timeout)
           [pid 9952] epoll_wait(7, <unfinished ...>
           [pid 9950] close(3)
           [pid 9950] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libmd.so.0", O_RDONLY|O_CLOEXEC) =
 "\177 = \frac{1}{2} \frac{1}{1} \frac{9950}{1} \frac{3}{1} 
AT EMPTY PATH) 9950] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=47472, ...},
```

```
pid 9950] mmap(NULL, 49384, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3, 0x2000) = 0x7fcc08881000,
3, 0x9000) = 0x7fcc08888000 8192, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE,
MAP_PRIVATE MAP_FIXED MAP_DENYWRITE, 3,300x4000) = 0x7fcc08884000,
                [pid 9950] close(3)
O_RDONLY[O_CLOEXEC] = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libpthread.so.0",
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=21448, ...},
pid 9950] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x7fcc08878000 mmap(NULL, 16424, PROT_READ, MAP_PRIVATE | MAP_DENYWRITE, 3, 0) =
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,4096 PROT READ PROT EXEC
1, 0x2000) = 0x7fcc0887a000, 4096, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE,
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3, 0x2000) = 0x7fcc0887b000,
                [pid 9950] close(3)
               [pid 9950] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC)
 "\177 = \frac{1}{2} \frac{9950}{1} \frac{9
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=827936, ...},
pid 9950] mmap(NULL, 830576, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
                [pid 9950] mprotect(0x7fcc0806f000, 634880, PROT_NONE) = 0
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,380928 PROT READ PROTESSOR
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 249856 PROT READ CO000
MAP PRIVATE [MAP FIXED [MAP DENYWRITE, 3, 0xbb000] = 0x7fcc0810a000,
                [pid 9950] close(3)
O_RDONLY[O_CLOEXEC] = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libk5crypto.so.3",
\label{eq:control_pid_spid_spid}  \begin{picture}(0,0) \put(0,0) \put(0,
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=182864, ...},
pid 9950] mmap(NULL, 188472, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
                [pid 9950] mprotect(0x7fcc0884d000, 163840, PROT_NONE) = 0
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,110592 PROT READ PROT EXEC,
3, 0 \times 1000) = 0x7fcc08868000, 49152, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x2b000) = 0x7fcc08875000
MAP PRIVATE MAP FIXED MAP ANONYMOUS. -1. 0 PROT READ PROT WRITE,
                [pid 9950] close(3)
O_RDONLY[O_CLOEXEC] = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libcom_err.so.2",
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=18504, ...},
pid 9950] mmap(NULL, 20552, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
```

```
MAP_PRIVATE [MAP_FIXED (MAP_DENYWRITE, 3,002000) = 0x7fcc08845000
pid 9950] mmap(0x7fcc08846000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0x3000) = 0x7fcc08846000
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3,8192] PROT READ PROT WRITE, 3,8192] PROT READ PROT WRITE, 3,8192
     [pid 9950] close(3)
O_RDONLY[O CLOEXEC) = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5support.so.0",
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=52016, ...},
[pid 9950] mmap(NULL, 54224, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
     [pid 9950] mprotect(0x7fcc08838000, 36864, PROT_NONE) = 0
MAP_PRIVATE MAP_FIXED MAP_DENYWRITE, 3,24576 PROT_READ PROT_EXEC
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0xb000) = 0x7fcc08841000,
     [pid 9950] close(3)
O_RDONLY[O_CLOEXEC] = 3
O_RDONLY[O_CLOEXEC] = 3
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=22600, ...},
0x7fcc08833000] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x7fcc0882c000] mmap(NULL, 24592, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x2000) = 0x7fcc0882e000
3, 0x4000) = 0x7fcc08830000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 81924000) = 0x7fcc08831000,
    [pid 9950] close(3)
O_RDONLY[O_CLOEXEC) = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libresolv.so.2",
\frac{[pid_{9950}]}{[pid_{910}]} = 832
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=68552, ...},
pid 9950] mmap(NULL, 80456, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
MAP PRIVATE MAP FIXED MAP_DENYWRITE, 3, 0x3000 PROT_READ PROT_EXEC.
pid 9950] mmap(0x7fcc084ce000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
3, 0xd000) = 0x7fcc084ce000
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3, 0xf000) = 0x7fcc084d1000,
MAP PRIVATE MAP FIXED MAP ANONYMOUS, -1, 0) = 0x7fcc084d3000
     [pid 9950] close(3)
[pid 9950] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
[pid 9950] mmap(NULL, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
    [pid 9950] arch_prctl(ARCH_SET_FS, 0x7fcc084bc9c0) = 0
    [pid 9950] set tid address(0x7fcc084bcc90) = 9950
    [pid 9950] set_robust_list(0x7fcc084bcca0, 24) = 0
    [pid 9950] rseq(0x7fcc084bd360, 0x20, 0, 0x53053053) = 0
     [pid 9950] mprotect(0x7fcc08415000, 16384, PROT_READ) = 0
```

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[pid 9950] mprotect(0x7fcc084d1000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc08831000, 4096, PROT READ) = 0
     [pid 9950] mprotect(0x7fcc08841000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc08847000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc08875000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc0810a000, 53248, PROT READ) = 0
     [pid 9950] mprotect(0x7fcc0887b000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc0888a000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc081fe000, 4096, PROT READ) = 0
     [pid 9950] mprotect(0x7fcc088dc000, 8192, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc089c1000, 4096, PROT READ) = 0
[pid_9950] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7fcc084ba000
          9950] mprotect(0x7fcc0881b000, 45056, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc0854c000, 12288, PROT READ) = 0
     [pid 9950] mprotect(0x7fcc0892b000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc08989000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc089a0000, 4096, PROT_READ) = 0
     [pid 9950] mprotect(0x7fcc08a56000, 32768, PROT READ) = 0
     [pid 9950] mprotect(0x55583ccb5000, 4096, PROT_READ) = 0
           9950] mprotect(0x7fcc08aab000, 8192, PROT_READ) = 0
[pid 9950] munmap(0x7fcc08a5f000, 71155) = 0
     [pid 9950] getrandom("xfbx4ax25x0exabx48x28x97", 8, GRND_NONBLOCK) = 8
     [pid 9950] brk(NULL)
                                           = 0x55583de53000
     [pid 9950] brk(0x55583de74000)
                                          = 0x55583de74000
     [pid 9950] futex(0x7fcc0882977c, FUTEX WAKE PRIVATE, 2147483647) = 0
     [pid 9950] openat(AT_FDCWD, "/sys/devices/system/cpu/online", O_RDONLY|O_CLOEXEC) = 3
     [pid 9950] read(3, "0-11\n", 1024)
     [pid 9950] close(3)
O RDONLY O NONBLOCK O CLOEXEC O DIRECTORY) = 3
     [pid 9950] newfstatat(3, "", {st_mode=S_IFDIR|0755, st_size=0, ...}, AT_EMPTY_PATH) =
     [pid 9950] getdents64(3, 0x55583de64ee0 /* 31 entries */, 32768) = 904
     [pid 9950] getdents64(3, 0x55583de64ee0 /* 0 entries */, 32768) = 0
     [pid 9950] close(3)
                                            = 9950
     [pid 9950] getpid()
     [pid 9950] sched_getaffinity(9950, 128, [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]) = 8
st size=542, ...}, 0) = 0
pid 9950] newfstatat(AT_FDCWD, "/etc/nsswitch.conf", {st_mode=S_IFREG|0644,
     [pid 9950] newfstatat(AT_FDCWD, "/", {st_mode=S_IFDIR | 0755, st_size=4096, ...}, 0) = 0
     [pid 9950] openat(AT_FDCWD, "/etc/nsswitch.conf", O_RDONLY|O_CLOEXEC) = 3
    [pid 9950] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=542, ...}, AT_EMPTY_PATH)
     [pid 9950] read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 542
     [pid 9950] read(3, "", 4096)
    [pid 9950] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=542, ...}, AT_EMPTY_PATH)
= 0
     [pid 9950] close(3)
     [pid 9950] openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
AT EMPTY PATH) 9950] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=71155, ...},
```

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[pid 9950] mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7fcc08a5f000
              [pid 9950] close(3)
"/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого фаила или каталога)
[pid 9950] newfstatat(AT FDCWD, "/lib/x86 64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7ffc5add6c50, 0) = -1 ENOENT-(Het такого файла или каталога)
[pid 9950] openat(AT FDCWD, "/lih/x86 64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
0x7ffc5add6c50, 0) = -1 ENOENT (Her такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT Takoro файла или karanora)
0x7ffc5add6c50, 0) = -1 ENOENT (HeT такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
0) = [pid 9950] newfstatat(AT FDCWD, "/lib/x86_64-linux-gnu/tls/haswell", 0x7ffc5add6c50, eric (Het такого файла или каталога)
[pid_{9950}] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENI (HeT Такого файла или каталога)
| pid 9950| newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64", 0x7ffc5add6c50, 0) | - 1 ENOENT (Het такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT Takoro файла или каталога)
[pid 9950] newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls", 0x7ffc5add6c50, 0) = -1 ENOENT (Her Takoro файла или каталога)
0 RDONLY O CLOEXEC) = -1 ENOENT (Het Takoro файла или каталога)
0x7ffc5add6c50, 0) = -I ENOENT (HeT такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENI (Het Takoro файла или каталога)
-1 ENOENT (Het такого файла или каталога) "/lib/x86_64-linux-gnu/haswell", 0x7ffc5add6c50, 0) =
O_RDONLY|O_CLOEXEC) = -1 ENOENI (Her Takoro файла или каталога)
[pid 9950] newfstatat(AT FDCWD, "/lib/x86_64-linux-gnu/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT (Нет такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT TAKOTO файла или каталога)
st_size=98304, ...}, 0) = 0
representation of the state of 
[pid 9950] openat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENDENT (Her такого файла или каталога)
0x7ffc5add6c50, 0) = -1 ENOENT - (Her такого фаила или каталога) gnu/glibc-hwcaps/x86-64-v3",
"/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENDENT (Нет такого файла или каталога)
[pid_9950] newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2", 0x7ffc5add6c50, 0) = -1 ENOENT-(Heт такого файла или каталога)
[pid 9950] openat(AT FDCWD, "/usen filth with the second of the second o
0x7ffc5add6c50, 0) = -1 ENOENT (Her takoro файла или каталога) gnu/tls/haswell/x86_64",
[pid 9950] openat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/tls/haswell/libnss_db.so.2", O_RDONLY[O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
[pid 9950] newfstatat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/tls/haswell", 0x7ffc5add6c50, 0) = -1 ENOENT (Het такого фаила или каталога)
[pid 9950] openat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/tls/x86_64/libnss_db.so.2",
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het Takoro файла или каталога)
[pid 9950] newfstatat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/tls/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT-(Het такого фаила или каталога)
[pid_{9950}] openat(AT FDCWD, "/usr/lib/x86_64-linux-gnu/tls/libnss_db.so.2", O_RDONLY[O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
[pid 9950] newfstatat(AT FDCWD, "/usr/lib/x86_64-linux-gnu/tls", 0x7ffc5add6c50, 0) = -1 ENOENT (Нет такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het Takoro файла или каталога)
```

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[pid 9950] newfstatat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/haswell/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT-(Het такого фаила или каталога)
[pid 9950] openat(AT FDCWD, "/usr/lib/x86_64-linux-gnu/haswell/libnss_db.so.2", O_RDONLY[O_CLOEXEC) = -1 ENOENI (Het такого файла или каталога)
0) = [pid 9950] newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/haswell", 0x7ffc5add6c50, e -1 ENOENT (Het Takoro файла или каталога)
[pid_9950] openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2",
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого фаила или каталога)
= -1 [pid 9950] newfstatat(AT FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64", 0x7ffc5add6c50, 0)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
st_size=98304, ...}, 0) = 0 (AT_FDCWD, "/usr/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755,
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het Takoro файла или каталога) libnss_db.so.2",
[pid 9950] newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3", 0x7ffc5add6c50, 0) = -1 ENOENT (Her такого файла или каталога)
[pid 9950] openat(AT FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY[O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
[pid 9950] newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2", 0x7ffc5add6c50, 0) = -1 ENOENT (Her Takoro файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT TAKOTO \phi and \phi with the second \phi and \phi and \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi are the second \phi are the second \phi and \phi are the second \phi and \phi are the second \phi are the second \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi are the second \phi and \phi are the second \phi and \phi are the second \phi are the s
[pid 9950] newfstatat(AT_FDCWD, "/lib/tls/haswell/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT (Her Takoro файла или каталога)
[pid 9950] openat(AT FDCWD, "/lib/tls/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
[pid 9950] newfstatat(AT_FDCWD, "/lib/tls/haswell", 0x7ffc5add6c50, 0) = -1 ENOENT
[pid_9950] openat(AT_FDCWD, "/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
(Her takoro canda unu karanora) (Her takoro canda unu karanor
[pid 9950] openat(AT_FDCWD, "/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
файла pid 9950] newfstatat(AT_FDCWD, "/lib/tls", 0x7ffc5add6c50, 0) = -1 ENOENT (Нет такого
= -1 ENOENT (Het такого файла или каталога) penat (AT_FDCWD, "/lib/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
[pid 9950] newfstatat(AT_FDCWD, "/lib/haswell/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT (Нет такого файла или каталога)
[pid 9950] openat(AT_FDCWD, "/lib/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
pid 9950] newfstatat(AT_FDCWD, "/lib/haswell", 0x7ffc5add6c50, 0) = -1 ENOENT (Heт такого файла или каталога)
[pid_9950] openat(AT_FDCWD, "/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
[pid_9950] newfstatat(AT_FDCWD, "/lib/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT (Her такого файла или каталога)
[pid 9950] openat(AT FDCWD, "/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT
             [pid 9950] newfstatat(AT_FDCWD, "/lib", {st_mode=S_IFDIR|0755, st_size=4096, \dots}, 0)
O_RDONLY O_CLOEXEC) = -1 ENOENT (Het Takoro файла или каталога)
O_RDONLY[O_CLOEXEC] = -1 ENOENI (Het Takoro файла или каталога)
[pid_9950] newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2", 0x7ffc5add6c50, 0)
= -1 ENOENT (Het такого файла или каталога)
[pid_{950}] openat(AT_FDCWD, "/usr/lib/tls/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het τακοΐο φαίλα μπα κατάλοτα)
[pid 9950] newfstatat(AT_FDCWD, "/usr/lib/tls/haswell/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT (Her Takoro файла или каталога)
= -1 [pid _9950] openat(AT_FDCWD, "/usr/lib/tls/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
[pid 9950] newfstatat(AT_FDCWD, "/usr/lib/tls/haswell", 0x7ffc5add6c50, 0) = -1 ENOENT
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[pid_9950] openat(AT_FDCWD, "/usr/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
= -1 ENOENT (Нет такого файла или каталога)
[pid 9950] newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT (Нет такого файла или каталога)
[pid_9950] openat(AT_FDCWD, "/usr/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
[pid. 9950] newfstatat(AT_FDCWD, "/usr/lib/tls", 0x7ffc5add6c50, 0) = -1 ENOENT (Het такого фаила или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her Takoro quana unu karanora)
[pid 9950] newfstatat(AT_FDCWD, "/usr/lib/haswell/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENF (Her Takoro файла или каталога)
[pid 9950] newfstatat(AT FDCWD, "/usr/lib/haswell", 0x7ffc5add6c50, 0) = -1 ENOENT
[pid_9950] openat(AT_FDCWD, "/usr/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
[pid 9950] newfstatat(AT_FDCWD, "/usr/lib/x86_64", 0x7ffc5add6c50, 0) = -1 ENOENT (Нет такого файла или каталога)
[pid 9950] openat(AT FDCWD, "/usr/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT
0) = 0pid 9950] newfstatat(AT_FDCWD, "/usr/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...},
     [pid 9950] munmap(0x7fcc08a5f000, 71155) = 0
     [pid 9950] openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
AT EMPTY PATH) 9950] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=71155, ...},
     [pid 9950] mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7fcc08a5f000
     [pid 9950] close(3)
O_RDONLY[O_CLOEXEC) = -1 ENOENT (Her Takoro файла или каталога) - db-2.35.so",
O_RDONLY|O_CLOEXEC) = -1 ENOENI (Her такого фаила или каталога)
[pid 9950] openat(AT FDCWD, "/lib/libnss_db-2.35.so", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
[pid 9950] openat(AT FDCWD, "/usr/lib/libnss_db-2.35.so", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her Takoro файла или каталога)
     [pid 9950] munmap(0x7fcc08a5f000, 71155) = 0
     [pid 9950] openat(AT_FDCWD, "/etc/protocols", O_RDONLY|O_CLOEXEC) = 3
    [pid 9950] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=2932, ...}, AT_EMPTY_PATH)
     [pid 9950] lseek(3, 0, SEEK_SET)
     [pid 9950] read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 2932
     [pid 9950] read(3, "", 4096)
     [pid 9950] close(3)
     [pid 9950] eventfd2(0, EFD_CLOEXEC)
     [pid 9950] fcntl(3, F_GETFL)
                                           = 0x2 (flags O_RDWR)
     [pid 9950] fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0
     [pid 9950] fcntl(3, F_GETFL)
                                           = 0x802 (flags O_RDWR|O_NONBLOCK)
     [pid 9950] fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0
     [pid 9950] getpid()
                                           = 9950
     [pid 9950] getpid()
                                           = 9950
[pid 9950] eventfd2(0, EFD CLOEXEC)
     [pid 9950] fcntl(4, F_GETFL)
                                           = 0x2 (flags O_RDWR)
     [pid 9950] fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
     [pid 9950] fcntl(4, F_GETFL)
                                          = 0x802 (flags O_RDWR|O_NONBLOCK)
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[pid 9950] fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
     [pid 9950] getpid()
                                                = 9950
     [pid 9950] epoll_create1(EPOLL_CLOEXEC) = 5
[pid_{9950}] = poll_{ct1}(5, EPOLL_{CTL\_ADD}, 4, {events=0, data={u32=1038504544, u64=93837483987552}}) = 0
[pid_9950]_epoll_ctl(5, EPOLL_CTL_MOD, 4, {events=EPOLLIN, data={u32=1038504544, u64=93837483987552}}) = 0
     [pid 9950] getpid()
sa_flags=SA_RESTORER[SA_ONSTACK[SA_RESTART|SA_SIGINFO, sa_restorer=0x7fcc08242520], NULL, 8)
     [pid 9950] rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0
= 0x7fcc0784d000 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0)
     [pid 9950] mprotect(0x7fcc0784e000, 8388608, PROT_READ|PROT_WRITE) = 0
     [pid 9950] rt sigprocmask(SIG BLOCK, \sim[], [], 8) = 0
 lone]td. 9950]
lone]ttlone_vM|CLONE_ES|CLONE_EILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_S
arent-tide8x7fc08844918|csxit—signal=0
arent-tide8x7fc08844648|strace: process 9953 attached
      => {parent_tid=[9953]}, 88) = 9953
     [pid 9953] rseq(0x7fcc0804dfe0, 0x20, 0, 0x53053053 <unfinished ...>
     [pid 9950] rt sigprocmask(SIG SETMASK, [], <unfinished ...>
     [pid 9953] <... rseq resumed>)
     [pid 9950] <... rt_sigprocmask resumed>NULL, 8) = 0
     [pid 9953] set_robust_list(0x7fcc0804d920, 24) = 0
     [pid 9950] eventfd2(0, EFD_CLOEXEC <unfinished ...>
     [pid 9953] rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>
     [pid 9950] <... eventfd2 resumed>)
     [pid 9953] <... rt sigprocmask resumed>NULL, 8) = 0
     [pid 9950] fcntl(6, F_GETFL)
                                                = 0x2 (flags O_RDWR)
     [pid 9953] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>
     [pid 9950] fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
     [pid 9953] <... rt_sigprocmask resumed>NULL, 8) = 0
     [pid 9950] <... fcntl resumed>)
     [pid 9953] sched_getparam(9953, <unfinished ...>
     [pid 9950] fcntl(6, F_GETFL <unfinished ...>
     [pid 9953] <... sched_getparam resumed>[0]) = 0
     [pid 9950] <... fcntl resumed>)
                                              = 0x802 (flags O RDWR O NONBLOCK)
     [pid 9953] sched_getscheduler(9953 <unfinished ...>
     [pid 9950] fcntl(6, F SETFL, O RDWR|O NONBLOCK <unfinished ...>
     [pid 9953] <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
     [pid 9950] <... fcntl resumed>)
     [pid 9953] sched_setscheduler(9953, SCHED_OTHER, [0] <unfinished ...>
     [pid 9950] getpid( <unfinished ...>
     [pid 9953] <... sched_setscheduler resumed>) = 0
     [pid 9950] <... getpid resumed>)
                                                = 9950
     [pid 9953] prctl(PR_SET_NAME, "ZMQbg/Reaper" <unfinished ...>
     [pid 9950] epoll_create1(EPOLL_CLOEXEC <unfinished ...>
     [pid 9953] <... prctl resumed>)
     [pid 9950] <... epoll_create1 resumed>) = 7
     [pid 9953] epoll_wait(5, <unfinished ...>
[pid_{9950}] = [poll_{ct}](7, EPOLL_{ADD}, 6, {events=0, data={u32=1038525600, u64=93837484008608}})
```

```
[pid 9950] epoll_ctl(7, EPOLL_CTL_MOD, 6, {events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}) = 0
= 0x7+cc0704c000 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0)
     [pid 9950] mprotect(0x7fcc0704d000, 8388608, PROT_READ|PROT_WRITE) = 0
     [pid 9950] rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0
<unfinished ...>
     [pid 9954] rseq(0x7fcc0784cfe0, 0x20, 0, 0x53053053 <unfinished ...>
     [pid 9950] <... clone3 resumed> => {parent_tid=[9954]}, 88) = 9954
     [pid 9954] <... rseq resumed>)
                                            = 0
     [pid 9950] rt sigprocmask(SIG SETMASK, [], <unfinished ...>
     [pid 9954] set_robust_list(0x7fcc0784c920, 24 <unfinished ...>
     [pid 9950] <... rt sigprocmask resumed>NULL, 8) = 0
     [pid 9954] <... set_robust_list resumed>) = 0
     [pid 9954] rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>
     [pid 9950] eventfd2(0, EFD_CLOEXEC <unfinished ...>
     [pid 9954] <... rt_sigprocmask resumed>NULL, 8) = 0
     [pid 9950] <... eventfd2 resumed>)
     [pid 9954] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>
     [pid 9950] fcntl(8, F_GETFL <unfinished ...>
     [pid 9954] <... rt_sigprocmask resumed>NULL, 8) = 0
     [pid 9950] <... fcntl resumed>)
                                         = 0x2 (flags O RDWR)
     [pid 9954] sched_getparam(9954, <unfinished ...>
     [pid 9950] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
     [pid 9954] < ... sched getparam resumed>[0]) = 0
     [pid 9950] <... fcntl resumed>)
     [pid 9954] sched_getscheduler(9954 <unfinished ...>
     [pid 9950] fcntl(8, F_GETFL <unfinished ...>
     [pid 9954] <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
     [pid 9950] <... fcntl resumed>)
                                     = 0x802 (flags O_RDWR|O_NONBLOCK)
     [pid 9954] sched_setscheduler(9954, SCHED_OTHER, [0] <unfinished ...>
     [pid 9950] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
     [pid 9954] <... sched setscheduler resumed>) = 0
     [pid 9950] <... fcntl resumed>)
     [pid 9954] prctl(PR_SET_NAME, "ZMQbg/IO/0" <unfinished ...>
     [pid 9950] getpid( <unfinished ...>
     [pid 9954] <... prctl resumed>)
                                           = 0
     [pid 9950] <... getpid resumed>)
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9950] getpid()
                                            = 9950
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9950] brk(0x55583de95000)
                                            = 0x55583de95000
     [pid 9950] futex(0x7fcc08829788, FUTEX_WAKE_PRIVATE, 2147483647) = 0
     [pid 9950] getpid()
     [pid 9950] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid_{9954}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}], 256,-1) = 1
     [pid 9950] getpid( <unfinished ...>
```

```
[pid 9950] <... getpid resumed>)
                                                                          = 9950
         [pid 9954] <... getpid resumed>) = 9950
         [pid 9950] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
         [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
         [pid 9950] <... write resumed>)
                                                                               = 8
         [pid 9954] <... poll resumed>)
                                                                             = 1 ([{fd=6, revents=POLLIN}])
         [pid 9950] eventfd2(0, EFD_CLOEXEC <unfinished ...>
         [pid 9954] getpid( <unfinished ...>
         [pid 9950] <... eventfd2 resumed>)
         [pid 9954] <... getpid resumed>)
                                                                          = 9950
         [pid 9950] fcntl(9, F_GETFL <unfinished ...>
         [pid 9954] read(6, <unfinished ...>
         [pid 9950] <... fcntl resumed>)
                                                                          = 0x2 (flags O_RDWR)
         [pid 9954] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
         [pid 9950] fcntl(9, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
-1, 0[pid 9954] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE,
         [pid 9950] <... fcntl resumed>)
                                                                                = 0
         [pid 9950] fcntl(9, F_GETFL <unfinished ...>
         [pid 9954] <... mmap resumed>)
                                                                   = 0x7fcbff04c000
         [pid 9950] <... fcntl resumed>)
                                                                             = 0x802 (flags O_RDWR|O_NONBLOCK)
         [pid 9954] munmap(0x7fcbff04c000, 16465920 <unfinished ...>
         [pid 9950] fcntl(9, F_SETFL, O_RDWR|O_NONBLOCK) = 0
         [pid 9954] <... munmap resumed>)
                                                                                = 0
         [pid 9950] getpid( <unfinished ...>
         [pid 9954] munmap(0x7fcc04000000, 50642944 <unfinished ...>
         [pid 9950] <... getpid resumed>)
                                                                            = 9950
         [pid 9954] <... munmap resumed>)
         [pid 9950] getpid( <unfinished ...>
         [pid 9954] mprotect(0x7fcc00000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>
         [pid 9950] <... getpid resumed>)
                                                                             = 9950
         [pid 9954] <... mprotect resumed>)
                                                                               = 0
         [pid 9950] poll([\{fd=8, events=POLLIN\}], 1, -1) = 1 ([\{fd=8, revents=POLLIN\}])
         [pid 9950] getpid( <unfinished ...>
         [pid 9954] socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP <unfinished ...>
         [pid 9950] <... getpid resumed>)
                                                                              = 9950
         [pid 9950] read(8, <unfinished ...>
         [pid 9954] <... socket resumed>)
                                                                          = 10
         [pid 9950] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
         [pid 9954] fcntl(10, F_GETFL <unfinished ...>
         [pid 9950] getpid( <unfinished ...>
         [pid 9954] <... fcntl resumed>)
                                                                             = 0x2 (flags O_RDWR)
         [pid 9950] <... getpid resumed>)
                                                                              = 9950
         [pid 9954] fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
          [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
         [pid 9954] <... fcntl resumed>)
                                                                               = 0
         [pid 9950] <... poll resumed>)
                                                                              = 0 (Timeout)
[pid. 9954] connect(10,1 sa family=AF INET, sin port=htons(4041), sin addr=inet addr(127.0.0:1) to confirm the confirmation of the confirmation of
```

[pid 9954] getpid( <unfinished ...>

```
[pid 9950] getpid()
                                                                             = 9950
         [pid 9950] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
[pid 9954] <... connect resumed>) = -1 EINPROGRESS (Операция выполняется в
u64=140514150061104}} cultivation color col
u64=140280946750464}}, epoll_wait_resumed>[{events=EPOLLIN, data={u32=3019901808, 1}}
         [pid 9954] <... epoll_ctl resumed>) = 0
u64=140514150061104}}) = 0 (7, EPOLL_CTL_MOD, 10, {events=EPOLLOUT, data={u32=5168,
         [pid 9952] accept4(9, <unfinished ...>
         [pid 9954] getpid()
                                                                             = 9950
[pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
         [pid 9952] setsockopt(10, SOL_TCP, TCP_NODELAY, [1], 4 <unfinished ...>
         [pid 9954] \langle \dots \text{ poll resumed} \rangle = 0 (Timeout)
         [pid 9952] <... setsockopt resumed>) = 0
256, [pid 9954] epoll_wait(7, [{events=EPOLLOUT, data={u32=5168, u64=140514150061104}}],
         [pid 9952] getpeername(10, <unfinished ...>
         [pid 9954] epoll_ctl(7, EPOLL_CTL_DEL, 10, 0x7fcc00001434 <unfinished ...>
sin addr=inet addr("127.0.0.1"), [128 => 16] = 0 sin_port=htons(35818),
         [pid 9954] <... epoll_ctl resumed>) = 0
         [pid 9954] getsockopt(10, SOL_SOCKET, SO_ERROR, <unfinished ...>
         [pid 9952] getsockname(10, <unfinished ...>
         [pid 9954] <... getsockopt resumed>[0], [4]) = 0
[pid. 9952] < getsockname resumed>{sa family=AF_INET, sin_port=htons(4041), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
         [pid 9954] setsockopt(10, SOL_TCP, TCP_NODELAY, [1], 4) = 0
         [pid 9952] getpeername(10, <unfinished ...>
         [pid 9954] getsockname(10, <unfinished ...>
sin addr=inet addr("127.0.0.1"), [128 => 16] = 0 sin_port=htons(35818),
         [pid 9952] fcntl(10, F_GETFL)
                                                                             = 0x2 (flags O_RDWR)
         [pid 9954] getpeername(10, <unfinished ...>
         [pid 9952] fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
[pid. 9954] < getpeername resumed>{sa family=AF_INET, sin_port=htons(4041),
sin addr=inet addr("127.0.0.1")}, [128 => 16]) = 0
         [pid 9952] <... fcntl resumed>)
         [pid 9954] fcntl(10, F_GETFL)
                                                                         = 0x802 (flags O_RDWR|O_NONBLOCK)
         [pid 9952] getpid( <unfinished ...>
         [pid 9954] fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
         [pid 9952] <... getpid resumed>)
                                                                         = 9946
                                                                   = 0
         [pid 9954] <... fcntl resumed>)
         [pid 9952] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
         [pid 9954] getpid( <unfinished ...>
         [pid 9952] <... write resumed>)
                                                                   = 8
         [pid 9954] <... getpid resumed>) = 9950
         [pid 9952] epoll_wait(7, <unfinished ...>
         [pid 9954] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
```

```
[pid 9954] <... write resumed>)
         [pid 9952] getpid( <unfinished ...>
         [pid 9954] epoll_wait(7, <unfinished ...>
          [pid 9952] <... getpid resumed>)
[pid_{9954}] epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}], 256,-1) = I
         [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
         [pid 9954] getpid( <unfinished ...>
                                                                        = 1 ([{fd=6, revents=POLLIN}])
         [pid 9952] <... poll resumed>)
         [pid 9954] <... getpid resumed>) = 9950
         [pid 9952] getpid( <unfinished ...>
         [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
         [pid 9952] <... getpid resumed>) = 9946
         [pid 9954] <... poll resumed>) = 1 ([{fd=6, revents=POLLIN}])
         [pid 9952] read(6, <unfinished ...>
         [pid 9954] getpid( <unfinished ...>
         [pid 9952] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
         [pid 9954] <... getpid resumed>)
         [pid 9954] read(6, <unfinished ...>
u64=140280946756560}} cunfinished ...> 10, {events=0, data={u32=3019901904,
         [pid 9954] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
         [pid 9952] < \dots epoll_ctl resumed>) = 0
[pid 9954] epoll ctl(7, EPOLL CTL_ADD, 10, {events=0, data={u32=5168, u64=140514150061104}}} <until ctl(7, EPOLL CTL_ADD, 10, {events=0, data={u32=5168, u64=140514150061104}}}, and the content of the 
[pid 9952] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3019901904, u64=140280946756560}}} \frac{10}{10}
         [pid 9954] <... epoll_ctl resumed>) = 0
          [pid 9952] <... epoll_ctl resumed>) = 0
u64=140514150061104}} ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=5168, u64=140514150061104}}} cunfinished ...>
data=[pid 9952] epoll ctl(7 EPOLL CTL MOD, 10 {events=EPOLLIN|EPOLLOUT, data={u32=3019901904, u64=140280946756560}}, <unfinished ...>
         [pid 9954] <... epoll_ctl resumed>) = 0
          [pid 9952] <... epoll_ctl resumed>) = 0
[pid 9954] epoll ctl(7, EPOLL CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=5168, u64=140514150061104}} <ur>
         [pid 9952] recvfrom(10, <unfinished ...>
          [pid 9954] <... epoll_ctl resumed>) = 0
[pid 9952] (Pecypc временно недоступен) resumed>0x7f95b40012f8, 12, 0, NULL, NULL) = -1 EAGAIN
         [pid 9954] recvfrom(10, <unfinished ...>
          [pid 9952] getpid( <unfinished ...>
[pid 9954] < recvfrom resumed>0x7fcc00001be8, 12, 0, NULL, NULL) = -1 EAGAIN
         [pid 9952] <... getpid resumed>)
         [pid 9954] getpid( <unfinished ...>
         [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
         [pid 9954] <... getpid resumed>) = 9950
         [pid 9952] <... poll resumed>) = 0 (Timeout)
         [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
         [pid 9952] epoll_wait(7, <unfinished ...>
         [pid 9954] <... poll resumed>)
                                                                    = 0 (Timeout)
```

```
256, 3000) = 1 epoll_wait(7, [{events=EPOLLOUT, data={u32=5168, u64=140514150061104}}],
               [pid 9952] sendto(10, "\377\0\0\0\0\0\0\1\177", 10, 0, NULL, 0 <unfinished ...>
               [pid 9954] sendto(10, "\377\0\0\0\0\0\0\0\1\177", 10, 0, NULL, 0 <unfinished ...>
               [pid 9952] <... sendto resumed>)
                                                                                                                        = 10
[pid 9952] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3019901904, u64=140280946756560}}} \frac{1}{1000} cunfinished ...>
               [pid 9954] <... sendto resumed>)
                                                                                                                = 10
               [pid 9952] <... epoll_ctl resumed>) = 0
[pid 9954] epoll ctl(7, EPOLL CTL_MOD, 10, {events=EPOLLIN, data={u32=5168, u64=140514150061104}} 
 cunfinished ...>
               [pid 9952] epoll wait(7, <unfinished ...>
               [pid 9954] <... epoll_ctl resumed>) = 0
u64=140280946756560}}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=3019901904,
               [pid 9954] epoll_wait(7, <unfinished ...>
               [pid 9952] recvfrom(10, <unfinished ...>
[pid 9954] \times [pid 9954] \times [epol] = [epol] = [epol] \times [e
               [pid 9952] <... recvfrom resumed>"\377\0\0\0\0\0\0\0\1\177", 12, 0, NULL, NULL) = 10
               [pid 9954] recvfrom(10, <unfinished ...>
[pid 9954] <... recvfrom resumed>"\377\0\0\0\0\0\0\1\177", 12, 0, NULL, NULL) = 10
               [pid 9952] <... epoll ctl resumed>) = 0
[pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=5168, u64=140514150061104}} <urbox
               [pid 9952] recvfrom(10, <unfinished ...>
               [pid 9954] <... epoll_ctl resumed>) = 0
ppemeнно недоступен). recvfrom resumed>0x7f95b4001302, 2, 0, NULL, NULL) = -1 EAGAIN (Pecypc
               [pid 9954] recvfrom(10, <unfinished ...>
               [pid 9952] epoll_wait(7, <unfinished ...>
[pid 9954] <... recvfrom resumed>0x7fcc00001bf2, 2, 0, NULL, NULL) = -1 EAGAIN (Pecypc временно недоступен)
[pid 9954] epoll_wait(7, <unfinished ...>
               [pid 9952] sendto(10, "\3", 1, 0, NULL, 0 <unfinished ...>
[pid 9954] sendto(10, "\3", 1, 0, NULL, 0 <unfinished ...>
               [pid 9952] <... sendto resumed>)
               [pid 9954] <... sendto resumed>) = 1
pid 9952] epoll ctl(7, EPOLL CTL_MOD, 10, {events=EPOLLIN, data={u32=3019901904,
u64=140280946750560}} <urbe represented the control of 
[pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=5168, u64=140514150061104}}} cunfinished ...>
               [pid 9952] <... epoll_ctl resumed>) = 0
               [pid 9954] <... epoll ctl resumed>) = 0
               [pid 9952] epoll_wait(7, <unfinished ...>
               [pid 9954] epoll_wait(7, <unfinished ...>
[pid 9952] recvfrom(10, <unfinished ...>
```

```
[pid 9954] recvfrom(10, <unfinished ...>
              [pid 9952] <... recvfrom resumed>"\3", 2, 0, NULL, NULL) = 1
             [pid 9954] <... recvfrom resumed>"\3", 2, 0, NULL, NULL) = 1
[pid 9954] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=5168, u64=140514150061104}} <unfinished ...>
             [pid 9952] <... epoll ctl resumed>) = 0
             [pid 9954] <... epoll_ctl resumed>) = 0
             [pid 9952] recvfrom(10, <unfinished ...>
             [pid 9954] recvfrom(10, <unfinished ...>
[pid 9952] < recvfrom resumed>0x7f95b4001303, 53, 0, NULL, NULL) = -1 EAGAIN
[pid 9954] < recvfrom resumed>0x7fcc00001bf3, 53, 0, NULL, NULL) = -1 EAGAIN
             [pid 9952] epoll_wait(7, <unfinished ...>
             [pid 9954] epoll_wait(7, <unfinished ...>
[pid 9952] <... sendto resumed>)
             [pid 9954] <... sendto resumed>)
                                                                                                              = 53
[pid 9952] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3019901904, u64=140280946756560}} tunfinished ...>
u64=140514150061104}} cultiple collection co
             [pid 9952] <... epoll_ctl resumed>) = 0
             [pid 9954] <... epoll_ctl resumed>) = 0
             [pid 9952] epoll_wait(7, <unfinished ...>
              [pid 9954] epoll wait(7, <unfinished ...>
[pid 9952] recvfrom(10, <unfinished ...>
             [pid 9954] recvfrom(10, <unfinished ...>
 \begin{array}{l} \text{pid} & 9952\\ \text{NULL} & 9521\\ \text{NULL} & 9531 \end{array} , \\ \text{NULL} & 9952\\ \text{
[pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=5168, u64=140514150061104}} <urbox
             [pid 9952] <... epoll_ctl resumed>) = 0
             [pid 9954] < ... epoll_ctl resumed>) = 0
             [pid 9952] recvfrom(10, <unfinished ...>
             [pid 9954] recvfrom(10, <unfinished ...>
[pid 9952] < recvfrom resumed>0x7f95b4003b58, 8192, 0, NULL, NULL) = -1 EAGAIN
[pid 9954] < recvfrom resumed>0x7fcc00003d18, 8192, 0, NULL, NULL) = -1 EAGAIN
             [pid 9952] epoll wait(7, <unfinished ...>
             [pid 9954] epoll_wait(7, <unfinished ...>
```

```
[pid_{9952}] epoll_wait_resumed>[{events=EPOLLOUT, data={u32=3019901904, u64=140280946756560}}], 256, 30000) = 1
[pid 9952] sendto(10, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 40, 0, NULL, 0
[pid 9954] sendto(10, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 27, 0, NULL, 0 <
     [pid 9952] <... sendto resumed>)
     [pid 9954] <... sendto resumed>) = 27
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9954] epoll_wait(7, <unfinished ...>
u64=140280946756560}}], epoll_wait_resumed>[{events=EPOLLIN|EPOLLOUT, data={u32=3019901904,
u64=140280946756560}}], 256, 30000) = 1
u64=1\{pid\ 9954\}\ epoll\ ctl(7,\ EPOLL\ CTL\ MOD,\ 10,\ \{events=EPOLLIN,\ data=\{u32=5168,\ u64=140514150061104\}\}\ equation is needed.
     [pid 9952] <... epoll_ctl resumed>) = 0
     [pid 9954] <... epoll ctl resumed>) = 0
     [pid 9952] recvfrom(10, <unfinished ...>
     [pid 9954] recvfrom(10, <unfinished ...>
NULL, [pid, 9952] <... recvfrom resumed>"\4\31\5READY\vSocket-Type\0\0\0\3REP", 8192, 0, 0 = 27
0, NU[pid 9954] 40.. recvfrom resumed>"\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 8192, NULL) = 40..
     [pid 9952] getpid( <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9952] <... getpid resumed>) = 9946
     [pid 9954] <... getpid resumed>) = 9950
     [pid 9952] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9954] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9952] <... write resumed>)
     [pid 9946] <... poll resumed>)
                                          = 1 ([{fd=8, revents=POLLIN}])
     [pid 9954] <... write resumed>)
     [pid 9950] <... poll resumed>) = 1 ([{fd=8, revents=POLLIN}])
     [pid 9952] futex(0x7f95bb029788, FUTEX_WAKE_PRIVATE, 2147483647 <unfinished ...>
     [pid 9946] getpid( <unfinished ...>
[pid 9954] epoll ctl(7, EPOLL CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=5168, u64=140514150061104}} 
 tunfinished ...>
     [pid 9952] <... futex resumed>)
     [pid 9950] getpid( <unfinished ...>
     [pid 9946] <... getpid resumed>)
                                        = 9946
     [pid 9954] <... epoll_ctl resumed>) = 0
     [pid 9946] read(8, <unfinished ...>
     [pid 9950] <... getpid resumed>)
                                        = 9950
     [pid 9946] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=5168,
u64=140514150061104}} <unfinished ...>
     [pid 9946] getpid( <unfinished ...>
[pid 9952] epoll ctl(7 EPOLL CTL MOD, 10 {events=EPOLLIN|EPOLLOUT, data={u32=3019901904, u64=140280946756560}}, cunfinished ...>
     [pid 9950] read(8, <unfinished ...>
     [pid 9946] <... getpid resumed>) = 9946
     [pid 9954] <... epoll_ctl resumed>) = 0
```

```
[pid 9952] <... epoll_ctl resumed>) = 0
    [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9950] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
    [pid 9954] epoll_wait(7, <unfinished ...>
    [pid 9946] <... poll resumed>)
                                 = 0 (Timeout)
[pid 9946] getpid( <unfinished ...>
    [pid 9950] getpid( <unfinished ...>
    [pid 9946] <... getpid resumed>)
                                  = 9946
    [pid 9952] <... epoll_ctl resumed>) = 0
    [pid 9950] <... getpid resumed>)
                                    = 9950
    [pid 9946] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
    [pid 9952] epoll_wait(7, <unfinished ...>
    [pid 9950] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
    [pid 9946] <... write resumed>)
[pid 9946] getpid( <unfinished ...>
[pid 9950] <... write resumed>)
    [pid 9946] <... getpid resumed>)
                                     = 9946
    [pid 9954] getpid( <unfinished ...>
    [pid 9952] getpid( <unfinished ...>
    [pid 9946] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
    [pid 9954] <... getpid resumed>)
                                   = 9950
    [pid 9950] getpid( <unfinished ...>
    [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9952] <... getpid resumed>)
                                    = 9946
    [pid 9954] <... poll resumed>)
                                     = 1 ([{fd=6, revents=POLLIN}])
    [pid 9950] <... getpid resumed>) = 9950
    [pid 9954] getpid( <unfinished ...>
    [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
                                  = 9950
    [pid 9954] <... getpid resumed>)
    [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9954] read(6, <unfinished ...>
    [pid 9952] <... poll resumed>)
                                     = 1 ([{fd=6, revents=POLLIN}])
    [pid 9954] < ... read resumed>"\1\0\0\0\0\0\0\0\", 8) = 8
    [pid 9950] <... poll resumed>)
                                     = 0 (Timeout)
    [pid 9954] getpid( <unfinished ...>
    [pid 9952] getpid( <unfinished ...>
    [pid 9954] <... getpid resumed>)
                                    = 9950
    [pid 9950] getpid( <unfinished ...>
    [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9952] <... getpid resumed>)
                                     = 9946
    [pid 9954] <... poll resumed>)
                                     = 0 (Timeout)
    [pid 9950] <... getpid resumed>)
    [pid 9954] epoll_wait(7, <unfinished ...>
    [pid 9952] read(6, <unfinished ...>
    [pid 9950] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
```

```
[pid 9952] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid 9952] getpid()
     [pid 9952] write(8, "\1\0\0\0\0\0\0\0", 8) = 8
                                   = 1 ([{fd=8, revents=POLLIN}])
     [pid 9946] <... poll resumed>)
     [pid 9952] sendto(10, "\1\0\0\0051 pid", 9, 0, NULL, 0 <unfinished \dots>
     [pid 9946] getpid()
                                         = 9946
     [pid 9952] <... sendto resumed>)
     [pid 9946] read(8, <unfinished ...>
[pid\ 9954] \times [epol]\ wait\ resumed>[{events=EPOLLIN},\ data={u32=5168}, u64=140514150061104}],\ 256,\ -1) = 1
     [pid 9946] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9952] getpid( <unfinished ...>
     [pid 9946] getpid( <unfinished ...>
     [pid 9954] recvfrom(10, <unfinished ...>
     [pid 9946] <... getpid resumed>)
                                         = 9946
     [pid 9952] <... getpid resumed>) = 9946
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] <... recvfrom resumed>"\1\0\0\0051 pid", 8192, 0, NULL, NULL) = 9
     [pid 9946] <... poll resumed>) = 0 (Timeout)
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9946] getpid( <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9946] <... getpid resumed>)
     [pid 9952] <... poll resumed>)
                                         = 0 (Timeout)
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9954] <... getpid resumed>)
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9954] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
[pid 9954] <... write resumed>)
                                    = 1 ([{fd=8, revents=POLLIN}])
     [pid 9950] <... poll resumed>)
     [pid 9954] epoll_wait(7, <unfinished ...>
[pid 9952] epoll ctl(7, EPOLL CTL_MOD, 10, {events=EPOLLIN, data={u32=3019901904, u64=140280946756560}} 
 cunfinished ...>
     [pid 9950] getpid( <unfinished ...>
     [pid 9952] \langle \dots \text{ epoll\_ctl resumed} \rangle = 0
     [pid 9950] <... getpid resumed>)
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9950] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9950] getpid()
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9950] getpid()
     [pid 9950] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
[pid 9954] < [events=EPOLLIN, data={u32=1038525600, u64=93837484008608}]], 256, -1) = 1
     [pid 9950] <... write resumed>)
     [pid 9954] getpid()
                                          = 9950
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9950] getpid( <unfinished ...>
```

```
[pid 9954] \langle \dots poll resumed\rangle = 1 ([{fd=6, revents=POLLIN}])
     [pid 9950] <... getpid resumed>)
                                         = 9950
     [pid 9954] getpid()
                                          = 9950
     [pid 9950] getpid( <unfinished ...>
     [pid 9954] read(6, <unfinished ...>
     [pid 9950] <... getpid resumed>) = 9950
     [pid 9954] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9950] <... poll resumed>)
                                        = 0 (Timeout)
     [pid 9954] <... getpid resumed>) = 9950
     [pid 9950] getpid( <unfinished ...>
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9950] <... getpid resumed>) = 9950
     [pid 9954] <... poll resumed>) = 0 (Timeout)
     [pid 9950] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9950] <... write resumed>)
[pid_{954}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}], 256, -1) = 1
     [pid 9950] getpid( <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9950] <... getpid resumed>)
                                     = 9950
     [pid 9954] <... getpid resumed>)
                                         = 9950
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9954] poll([\{fd=6, events=POLLIN\}], 1, 0) = 1 ([\{fd=6, revents=POLLIN\}])
     [pid 9954] getpid()
                                          = 9950
     [pid 9954] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 9954] getpid()
                                          = 9950
     [pid 9954] write(8, "\1\0\0\0\0\0\0\0", 8) = 8
                                     = 1 ([{fd=8, revents=POLLIN}])
     [pid 9950] <... poll resumed>)
     [pid 9954] sendto(10, "\1\0\0\100K: 9950", 12, 0, NULL, 0 <unfinished ...>
     [pid 9950] getpid()
                                          = 9950
     [pid 9950] read(8, <unfinished ...>
     [pid 9954] <... sendto resumed>) = 12
     [pid 9950] < ... read resumed>"\1\0\0\0\0\0\0\0\0", 8) = 8
     [pid 9954] getpid( <unfinished ...>
[pid 9952] epoll wait resumed>[{events=EPOLLIN, data={u32=3019901904, u64=140280946756560}}], 256, -1) = 1
     [pid 9950] getpid( <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                         = 9950
     [pid 9950] <... getpid resumed>) = 9950
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
                                     = 0 (Timeout)
     [pid 9954] <... poll resumed>)
     [pid 9952] recvfrom(10, <unfinished ...>
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9950] <... poll resumed>)
                                     = 0 (Timeout)
```

```
[pid 9952] <... recvfrom resumed>"\1\0\0\100K: 9950", 8192, 0, NULL, NULL) = 12
[pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=5168, u64=140514150061104}}} cunfinished ...>
     [pid 9950] getpid( <unfinished ...>
     [pid 9954] < ... epoll_ctl resumed>) = 0
     [pid 9952] getpid( <unfinished ...>
     [pid 9950] <... getpid resumed>)
                                         = 9950
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9952] <... getpid resumed>)
                                       = 9946
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9952] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9946] <... poll resumed>)
                                         = 1 ([{fd=8, revents=POLLIN}])
     [pid 9952] <... write resumed>)
                                     = 8
     [pid 9946] getpid( <unfinished ...>
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9946] <... getpid resumed>)
     [pid 9946] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9946] getpid()
                                          = 9946
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9946] getpid()
                                          = 9946
     [pid 9946] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 9946] newfstatat(1, "", <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
[pid_9946] - newfstatat resumed>{st_mode=S_IFCHR|0620, st_rdev=makedev(0x88, 0x1), AT_EMPTY_PATH) = 0
     [pid 9952] <... getpid resumed>)
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9946] write(1, "OK: 9950\n", 9 <unfinished ...>
    OK: 9950
     [pid 9952] \langle \dots \text{ poll resumed} \rangle = 1 ([{fd=6, revents=POLLIN}])
     [pid 9946] <... write resumed>)
                                         = 9
     [pid 9952] getpid()
                                          = 9946
     [pid 9946] read(0, <unfinished ...>
     [pid 9952] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9952] getpid()
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9952] epoll_wait(7, create 2 1
     <unfinished ...>
     [pid 9946] <... read resumed>"create 2 1\n", 1024) = 11
     [pid 9946] getpid()
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9946] getpid()
     [pid 9946] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
                                          = 9946
     [pid 9946] getpid()
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
u64=94619988001152}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1858470272, 256, -1) = 1}
     [pid 9952] getpid()
                                          = 9946
```

```
[pid 9952] poll([\{fd=6, events=POLLIN\}], 1, 0) = 1 ([\{fd=6, revents=POLLIN\}])
          [pid 9952] getpid()
         [pid 9952] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 9952] sendto(10, "\1\0\0\t1create 2", 13, 0, NULL, 0) = 13
[pid 9954] \times [epol] = 104 epol wait resumed = 104 events = EPOLLIN, data = = 1032 = = 104 epol = = 10
         [pid 9952] getpid( <unfinished ...>
         [pid 9954] recvfrom(10, <unfinished ...>
         [pid 9952] <... getpid resumed>)
                                                                                  = 9946
         [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
         [pid 9954] <... recvfrom resumed>"\1\0\0\t1create 2", 8192, 0, NULL, NULL) = 13
         [pid 9952] <... poll resumed>)
                                                                                = 0 (Timeout)
         [pid 9954] getpid( <unfinished ...>
          [pid 9952] epoll_wait(7, <unfinished ...>
         [pid 9954] <... getpid resumed>)
[pid 9954] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
[pid 9952] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3019901904, u64=140280946756560}} 
 cunfinished ...>
         [pid 9954] <... write resumed>)
         [pid 9952] <... epoll_ctl resumed>) = 0
         [pid 9950] <... poll resumed>)
                                                                               = 1 ([{fd=8, revents=POLLIN}])
         [pid 9954] epoll_wait(7, <unfinished ...>
         [pid 9952] epoll_wait(7, <unfinished ...>
         [pid 9950] getpid()
         [pid 9950] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
         [pid 9950] getpid()
         [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
         [pid 9950] getpid()
         [pid 9950] poll([{fd=9, events=POLLIN}], 1, 0) = 0 (Timeout)
         [pid 9950] socket(AF_NETLINK, SOCK_RAW|SOCK_CLOEXEC, NETLINK_ROUTE) = 11
         [pid 9950] bind(11, {sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, 12) = 0
[\underline{pid}] 9950] getsockname(11, {sa_family=AF_NETLINK, nl_pid=9950, nl_groups=00000000},
```

```
[pid 9950] sendto(11, [{plmsg_len=20, nlmsg_type=RTM_GETADDR, id=0}, nlmsg_flags=NLM_F_BEQUEST[NLM_F_DUMP_len=20, nlmsg_type=RTM_GETADDR, id=0}, id=0}, id=0, nlmsg_type=RTM_GETADDR, id=0}, id=0, nlmsg_type=RTM_GETADDR, id=0, nlmsg_type=RTM_GETADDR, id=0}, nlmsg_type=RTM_GETADDR, id=0, nlmsg_type=RTM_GETAD
                                                                                                                                   NETLINK, nl_pid=0, nl_groups=00000000},
lmsg_type=RtM_NEWADDR_groups=000000000},
pid=9958},,,&ifa_family=AF_INET,
                                                                                                                                             msg_iovlen=1, msg_controllen=0,
          [pid 9950] recymsg(11, {msg_name={sa_family=AF, NETLINK, nl_pid=0, nl_groups=00000000}, name[en=17, msg_iov=[{iov=base=[{nimsg_len=20, nlmsg_type=NLMSG_DONE nl_groups=000000000}}, g_flags=01, nlmsg_controllen=0, seg=11ags=01, nlmsg_pid=9950}, 0], -iov_len=4096}], sovien=1, msg_controllen=0, msg_flags=01, nlmsg_pid=9950}, 0], -iov_len=4096}],
             [pid 9950] close(11)
             [pid 9950] socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP) = 11
             [pid 9950] setsockopt(11, SOL_SOCKET, SO_REUSEADDR, [1], 4) = 0
[pid. 9950] bind(11, {sa_family=AF_INET, sin_port=htons(4042), sin_addr=inet_addr("127.0.0.1")}, 16) = 0
             [pid 9950] listen(11, 100)
sin_addr=inet_addr(127.0.0.11); {sa_family=AF_INET, sin_port=htons(4042),
[128 => 16]) = 0
[pid. 9950] getsockname(11, {sa family=AF_INET, sin_port=htons(4042), sin_addr=inet_addr("127.0.0.1")}, {[128 => 16]} = 0
             [pid 9950] getpid()
             [pid 9950] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid_{9954}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}], 256, -1) = 1
             [pid 9950] getpid( <unfinished ...>
             [pid 9954] getpid( <unfinished ...>
             [pid 9950] <... getpid resumed>)
             [pid 9954] <... getpid resumed>)
                                                                                                            = 9950
             [pid 9950] write(9, "\1\0\0\0\0\0\0", 8 <unfinished ...>
             [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
             [pid 9950] <... write resumed>)
             [pid 9954] <... poll resumed>)
                                                                                                           = 1 ([{fd=6, revents=POLLIN}])
             [pid 9954] getpid( <unfinished ...>
flags=cLONE CHILD CLEARTID CLONE CHILD SETTID SIGCHLD < unfinished ...>
             [pid 9954] <... getpid resumed>)
             [pid 9954] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 9954] epoll ctl(7, EPOLL CTL ADD, 11 {events=0, data={u32=5312, u64=140514150061248}}; strace: Process 9955 attached
               <unfinished ...>
             [pid 9950] <... clone resumed>, child_tidptr=0x7fcc084bcc90) = 9955
```

```
[pid 9955] set_robust_list(0x7fcc084bcca0, 24) = 0
             [pid 9950] getpid()
             [pid 9950] poll([{fd=9, events=POLLIN}], 1, 0 <unfinished ...>
             [pid 9954] <... epoll_ctl resumed>)
             [pid 9950] <... poll resumed>)
                                                                                                            = 1 ([{fd=9, revents=POLLIN}])
pid 9955] execve("../build/server", ["../build/server", "2", "-1"], 0x7ffc5adda030 /*
46 vars */ <unfinished ...>
pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 11, {events=EPOLLIN, data={u32=5312,
u64=140514150061248}} <unfinished ...>
             [pid 9950] getpid()
                                                                                                                 = 9950
             [pid 9950] read(9, "\1\0\0\0\0\0\0\0", 8) = 8
             [pid 9950] getpid()
             [pid 9950] poll([{fd=9, events=POLLIN}], 1, 0) = 0 (Timeout)
             [pid 9950] getpid()
                                                                                                                 = 9950
             [pid 9950] poll([{fd=9, events=POLLIN}], 1, 5000 <unfinished ...>
             [pid 9954] < \dots epoll_ctl resumed>) = 0
             [pid 9954] getpid()
                                                                                                               = 9950
             [pid 9955] <... execve resumed>)
             [pid 9955] brk(NULL)
                                                                                                                = 0x564b49be5000
             [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
[pid 9955] arch prctl(0x3001 /* ARCH_??? */, 0x7ffc191d51f0) = -1 EINVAL (Недопустимый аргумент)
0x7f3\f9d510005] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
[pid 9955] access("/etc/ld.so.preload", R_OK) = -1 ENOENT (Нет такого файла или
             [pid 9955] openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
             [pid 9954] <... poll resumed>)
                                                                                                             = 0 (Timeout)
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=71155, ...},
             [pid 9955] mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f33f9d3f000
             [pid 9955] close(3)
             [pid 9955] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC) =
[pid 9955] newfstatat(3, "", <unfinished ...>
              [pid 9954] epoll_wait(7, <unfinished ...>
AT EMPTY PATH | 9955 | 6... newfstatat resumed>{st_mode=S_IFREG | 0644, st_size=634936, ...},
0x7f33f9ca3000 mmap(NULL, 636784, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
MAP PRIVATE MAP FIXED MAP DENYWRITE. 3397312 PROT READ PROT EXEC.
MAP PRIVATE MAP FIXED MAP DENYWRITE. 3. 0x79000 = 0x7f33f9d1c000
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,36864 PROT READ PROT WRITE, 36864 PROT READ PROT STATE WAS 1881 PROT WRITE, 3,36864 PROT READ PROT WRITE, 3,36864 PROT READ PROT WRITE, 3,36864 PROT READ PROT READ PROT WRITE, 3,36864 PROT READ PROT READ PROT READ PROT WRITE, 3,36864 PROT READ PRO
              [pid 9955] close(3)
O_RDONLY|O_CLOEXEC) = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libstdc++.so.6",
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=2260296, ...},
[pid 9955] mprotect(0x7f33f9a9a000, 1576960, PROT_NONE) = 0
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3, 1118208 PROT READ | PROT BEACH, 0X7f33f9a9a000 PROT READ | PROT BEACH, 0X7f33f9a9a000 PROT READ | PROT BEACH, 0X7f33f9a9a000 PROT BEACH, 0X7f33f9a9a0000 PROT BEACH, 0X7f33f9a9a000 PROT BEACH, 0X7f33f9a9a0000 PROT BEACH, 0X7f33f9a9a000 PROT BEACH, 0X7f33f9a9a00 PROT BEACH, 0X7f33f9a9a00 PROT BEACH, 0X7
```

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MAP PRIVATE MAP FIXED MAP DENYWRITE. 3. 0x1ab000) = 0x7f33f9bab000
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3, 0x21a00)] = 0x7f33f9c1b000
MAP_PRIVATE [MAP_FIXED [MAP_ANONYMOUS, -1, 40] = 0x7f33f9c29000 WRITE,
               [pid 9955] close(3)
              [pid 9955] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgcc_s.so.1", O_RDONLY|O_CLOEXEC)
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=125488, ...},
[pid 9955] mmap(NULL, 127720, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0 \times 763369 \times 3000
MAP PRIVATE MAP FIXED MAP DENYWRITE. 3, 94208 0 PROT READ PROT EXEC.
3, 0x1a00) 9955] mmap(0x7f33f9c9d000, 16384, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 81921d PROT READ PROT STATE WRITE OX 15316 Calobo
               [pid 9955] close(3)
               [pid 9955] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC) = 3
\frac{[pid_{9955}]}{(0.0000)} = 832 \frac{[pid_{9955}]}{(0.000)} = 832 \frac{[pid_{9955}]}{(0.000)} = 832
AT EMPTY PATH) 9955] newfstatat(3, "", {st_mode=S_IFREG|0755, st_size=2216304, ...},
0.00
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,16588800 PROT READ PROT EXEC,
MAP PRIVATE MAP FIXED MAP DENYWRITE. 3. 0x1bd000) = 0x7f33f97bd000
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3, 24576, PROT_READ] PROT_WRITE, MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3, 24576, PROT_READ] PROT_WRITE, MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3, 24576, PROT_READ] PROT_WRITE, MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE], 3, 24576, PROT_READ] PROT_WRITE, MAP_FIXED [MAP_FIXED [MAP_DENYWRITE], 3, 24576, PROT_READ] PROT_WRITE, MAP_FIXED [MAP_FIXED [MAP_DENYWRITE], 3, 24576, PROT_READ] PROT_WRITE, MAP_FIXED [MAP_FIXED [MAP
MAP PRIVATE MAP FIXED MAP ANONYMOUS, -1, 0) = 0x7f33f981b000 WRITE,
               [pid 9955] close(3)
               [pid 9955] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC) =
\frac{pid}{\sqrt{2}} = \frac{9955}{\sqrt{6}} = \frac{63}{\sqrt{6}} = \frac{63}{\sqrt{6}}
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=89096, ...},
[pid 9955] mmap(NULL, 94432, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0 \times 76336966000
               [pid 9955] mprotect(0x7f33f9c6f000, 69632, PROT_NONE) = 0
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x4000) = 0x7f33f9c6f000,
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x14000) = 0x7f33f9c80000
MAP PRIVATE MAP FIXED MAP ANONYMOUS, -1.40) = 0x7f33f9c82000
               [pid 9955] close(3)
O_RDONLY[O_CLOEXEC] = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libsodium.so.23",
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AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=355040, ...},
[pid 9955] mmap(NULL, 357440, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0 \times 76336998000
             [pid 9955] mprotect(0x7f33f99b4000, 303104, PROT_NONE) = 0
MAP_PRIVATE MAP_FIXED MAP_DENYWRITE, 3,229376 PROT READ PROT EXEC,
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3, 0x55000) = 0x7f33f99fe000
             [pid 9955] close(3)
[pid 9955] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0 \times 763369000
O_RDONLY[O_CLOEXEC] = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libpgm-5.3.so.0",
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=310264, ...},
0x7f33f9957000 mmap(NULL, 329808, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
MAP PRIVATE [MAP] FIXED [MAP DENYWRITE], 3,172032 PROT READ PROT EXEC,
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3,11878400PROT_BEAD | 319985000
MAP_PRIVATE | MAP_FIXED (MAP_DENYWRITE, '3,81924aBBOT_READ) PROT-WRITE
MAP PRIVATE MAP FIXED MAP ANONYMOUS, -1,4416, = PROT READ PROT WRITE,
             [pid 9955] close(3)
            [pid 9955] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC)
AT_EMPTY_PATH) = newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=497824, ...},
[pid 9955] mprotect(0x7f33f9836000, 446464, PROT_NONE) = 0
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,286720 PROT READ PROT EXEC,
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 155648 0 PROT READ 331987 C000
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3,16384 6000) = READ | PROT = WRITE, 43,16087 6000) = READ | PROT = WRITE, 43,16087 6000)
MAP PRIVATE MAP FIXED MAP ANONYMOUS, -1, 0) = 0x7f33f98a7000 PROT READ PROT WRITE,
             [pid 9955] close(3)
O_RDONLY|O_CLOEXEC) = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2",
\label{eq:control_pid_2} $$ $$ -\frac{p_1d_2}{1\sqrt{1}} \left( \frac{9955}{0} \right) \left( \frac{3}{0} \right) \left( \frac
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=338648, ...},
pid 9955] mmap(NULL, 340960, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
             [pid 9955] mprotect(0x7f33f95b7000, 282624, PROT_NONE) = 0
MAP_PRIVATE [MAP] FIXED (MAP_DENYWRITE), 3,22937600 PROT READ | PROT BEEC,
3, 0x43000) = 0x7f33f95ef000, 49152, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, '3,16384,000) = 0x7f33f95fc000,
            [pid 9955] close(3)
            [pid 9955] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC) = 3
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AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=940560, ...},
[pid 9955] mmap(NULL, 942344, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0 \times 7633694 \times 5000
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0xe000) = 0x7f33f94d3000
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x8a000) = 0x7f33f954f000
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 8192 PROT READ PROT WRITE
            [pid 9955] close(3)
            [pid 9955] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libmd.so.0", O_RDONLY|O_CLOEXEC) =
AT_EMPTY_PATH) = newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=47472, ...},
0x7f33f9c5c000 mmap(NULL, 49384, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
MAP_PRIVATE MAP_FIXED (MAP_BENYWRITE, 13,2867200 BROT BEAP BROT-EXEC.)
3, 0x9000) = 0x7f33f9c65000 8192, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE,
MAP_PRIVATE MAP_FIXED MAP_DENYWRITE, 3, 0x4000) = 0x7f33f9c67000,
            [pid 9955] close(3)
O RDONLY O CLOEXEC) = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libpthread.so.0",
[pid 9955] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
[pid 9955] mmap(NULL, 16424, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0 \times 763369055000
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x1000) = 0x7f33f9c56000
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3, 0x2000) = 0x7f33f9c58000,
             [pid 9955] close(3)
            [pid 9955] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC)
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=827936, ...},
[pid 9955] mmap(NULL, 830576, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
             [pid 9955] mprotect(0x7f33f941b000, 634880, PROT_NONE) = 0
MAP_PRIVATE MAP_FIXED (MAP_DENYWRITE, 3,380928 0,080T READ PROTES FOR STATE OF THE PROTEST OF TH
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x7e000) = 0x7f33f9478000
MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3,61440, PROT_READ] PROT_WRITE, 43,61440, PROT_READ] PROT_RE
             [pid 9955] close(3)
O_RDONLY[O_CLOEXEC] = 3
O_RDONLY[O_CLOEXEC] = 3
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=182864, ...},
pid 9955] mmap(NULL, 188472, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
            [pid 9955] mprotect(0x7f33f93cf000, 163840, PROT_NONE) = 0
```

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MAP_PRIVATE [MAP_FIXED [MAP_DENYWRITE, 3,10592, PROT_READ] PROT_EXEC,
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x2b000) = 0x7f33f93f7000
MAP PRIVATE MAP FIXED MAP ANONYMOUS. -1. 0 PROT READ PROT WRITE,
             [pid 9955] close(3)
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=18504, ...},
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,4096 PROT = READ PROT = EXECUTE OF THE PROT = EXE
3, 0x3000) = 0x7f33f9c52000, 4096, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE,
MAP_PRIVATE MAP_FIXED MAP_BENYWRITE, 3,81023000) = READ PROT_WRITE, 3,81023000) = READ PROT_WRITE,
             [pid 9955] close(3)
O_RDONLY[O_CLOEXEC) = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5support.so.0",
AT EMPTY PATH) 9955] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=52016, ...},
[pid 9955] mmap(NULL, 54224, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0 \times 763369 \times 41000
             [pid 9955] mprotect(0x7f33f9c44000, 36864, PROT_NONE) = 0
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3,2457600 PROT READ PROT EXEC.
3, 0x9000) = 0x7f33f9c4a000, 8192, PROT_READ, MAP_PRIVATE | MAP_FIXED | MAP_DENYWRITE,
MAP PRIVATE MAP FIXED (MAY TABLE) 13 TO SHOOL TO SHOOL THE MAP TO SHOOL TH
            [pid 9955] close(3)
O_RDONLY[O_CLOEXEC) = 3 (AT_FDCWD, "/lib/x86_64-linux-gnu/libkeyutils.so.1",
AT EMPTY PATH) = newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=22600, ...},
[pid 9955] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0 \times 76336903600
[pid 9955] mmap(NULL, 24592, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0 \times 763369638000
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x2000) = 0x7f33f9c3a000
pid 9955] mmap(0x7f33f9c3c000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 0x4000) = 0x7f33f9c3c000
MAP_PRIVATE [MAP_FIXED | MAP_DENYWRITE, 3, 0x4000) = 0x7f33f9c3d000,
             [pid 9955] close(3)
O_RDONLY[O_CLOEXEC] = 3
O_RDONLY[O_CLOEXEC] = 3
//lib/x86_64-linux-gnu/libresolv.so.2
AT EMPTY PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=68552, ...},
[pid 9955] mmap(NULL, 80456, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0 \times 763369367000
MAP PRIVATE MAP FIXED MAP DENYWRITE, 3, 0x3000) = 0x7f33f93ba000,
3, 0xd000) = 0x7f33f93c4000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE,
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MAP PRIVATE MAP FIXED MAP DENYWRITE. 3. 0xf000) = 0x7f33f93c7000,
MAP_PRIVATE [MAP_FIXED | MAP_ANONYMOUS, -1, 0) = 0x7f33f93c9000
     [pid 9955] close(3)
[pid 9955] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
pid 9955] mmap(NULL, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
     [pid 9955] arch prctl(ARCH SET FS, 0x7f33f9c339c0) = 0
     [pid 9955] set_tid_address(0x7f33f9c33c90) = 9955
     [pid 9955] set robust list(0x7f33f9c33ca0, 24) = 0
     [pid 9955] rseq(0x7f33f9c34360, 0x20, 0, 0x53053053) = 0
     [pid 9955] mprotect(0x7f33f9815000, 16384, PROT READ) = 0
     [pid 9955] mprotect(0x7f33f93c7000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f9c3d000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f9c4d000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f9c53000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f93f7000, 4096, PROT READ) = 0
     [pid 9955] mprotect(0x7f33f94b6000, 53248, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f9c58000, 4096, PROT READ) = 0
     [pid 9955] mprotect(0x7f33f9c67000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f95aa000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f95fc000, 8192, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f9ca1000, 4096, PROT READ) = 0
[pid_{0x7f3}] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
     [pid 9955] mprotect(0x7f33f9c1b000, 45056, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f98a3000, 12288, PROT READ) = 0
     [pid 9955] mprotect(0x7f33f99a2000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f99fe000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f9c80000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f9d36000, 32768, PROT_READ) = 0
     [pid 9955] mprotect(0x564b4867b000, 4096, PROT_READ) = 0
     [pid 9955] mprotect(0x7f33f9d8b000, 8192, PROT_READ) = 0
rlim_max=RLIM64_INFINITY}) = 0 RLIMIT_STACK, NULL, {rlim_cur=8192*1024,
     [pid 9955] munmap(0x7f33f9d3f000, 71155) = 0
     [pid 9955] getrandom("x62\\xe0\\x88\\x49\\xd0\\x9b\\xab\\xf9", 8, GRND_NONBLOCK) = 8
     [pid 9955] brk(NULL)
                                            = 0x564b49be5000
     [pid 9955] brk(0x564b49c06000)
                                            = 0x564b49c06000
     [pid 9955] futex(0x7f33f9c2977c, FUTEX_WAKE_PRIVATE, 2147483647) = 0
     [pid 9955] openat(AT_FDCWD, "/sys/devices/system/cpu/online", O_RDONLY|O_CLOEXEC) = 3
     [pid 9955] read(3, "0-11\n", 1024)
     [pid 9955] close(3)
                                            = 0
O RDONLY O NONBLOCK TO CLOEXECTO DIRECTORY) = 3
     [pid 9955] newfstatat(3, "", {st_mode=S_IFDIR|0755, st_size=0, ...}, AT_EMPTY_PATH) =
     [pid 9955] getdents64(3, 0x564b49bf6ee0 /* 31 entries */, 32768) = 904
     [pid 9955] getdents64(3, 0x564b49bf6ee0 /* 0 entries */, 32768) = 0
     [pid 9955] close(3)
     [pid 9955] getpid()
                                            = 9955
     [pid 9955] sched_getaffinity(9955, 128, [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]) = 8
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[pid 9955] newfstatat(AT_FDCWD, "/", \{st_mode=S_IFDIR | 0755, st_size=4096, ...\}, 0) = 0
         [pid 9955] openat(AT_FDCWD, "/etc/nsswitch.conf", O_RDONLY|O_CLOEXEC) = 3
[pid 9955] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=542, ...}, AT_EMPTY_PATH)
         [pid 9955] read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 542
         [pid 9955] read(3, "", 4096)
        [pid 9955] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=542, ...}, AT_EMPTY_PATH)
         [pid 9955] close(3)
         [pid 9955] openat(AT FDCWD, "/etc/ld.so.cache", O RDONLY|O CLOEXEC) = 3
AT EMPTY PATH) 9955] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=71155, ...},
         [pid 9955] mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f33f9d3f000
         [pid 9955] close(3)
"/lih/x86 64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого фаила или каталога)
0x7ffc191d1ff0, 0) = -1 ENOENT (Her takoro файла или каталога)
"/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого фаила или каталога)
0x7ffc191d1ff0, 0) = -1 ENOENT (Her такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT Takoro файла или каталога)
0x7ffc191d1ff0, 0) = -1 ENOENT (Het такого файла или каталога)
O RDONLY O CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
0) = [pid 9955] newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/tls/haswell", 0x7ffc191d1ff0, каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her Takoro файла или каталога) -64/libnss_db.so.2",
= -1 [pid 9955] newfstatat(AT FDCWD, "/lib/x86_64-linux-gnu/tls/x86_64", 0x7ffc191d1ff0, 0)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT Takoro файла или каталога)
[pid 9955] newfstatat(AT FDCWD, "/lib/x86_64-linux-gnu/tls", 0x7ffc191d1ff0, 0) = -1 פרס (אדור) אונדער (אדור) אונדער (אדור) וואס (אדור) אונדער (אדור) וואס (אדור
[pid 9955] openat(AT FDCWD, "/lib/x86_64-linux-gnu/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT Такого файла или каталога)
[pid 9955] newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/haswell/x86_64", 0x7ffc191d1ff0, 0) = -1 ENOENT-(Het такого файла или каталога)
[pid 9955] openat(AT FDCWD, "/lib/x86_64.linux-gnu/haswell/libnss_db.so.2", O_RDONLY[O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
[pid 9955] newfstatat(AT FDCWD, "/lib/x86_64-linux-gnu/haswell", 0x7ffc191d1ff0, 0) = -1 ENOENT (Нет такого файла или каталога)
[pid 9955] openat(AT_FDCWD "/lib/x86_64-linux-gnu/x86_64/libnss_db.so.2", O_RDONLY[O_CLOEXEC) = -1 ENOENI (Het такого файла или каталога)
-1 ENOENT (Her такого файла или каталога) -1 ENOENT (Her такого файла или каталога) -2 -1 ENOENT (Her такого файла или каталога)
O RDONLY O CLOEXEC) = -1 ENOENT (Het Takoro файла или каталога) - db.so.2",
st_size=98304, ... }, 0) = 0 (AT_FDCWD, "/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755,
"/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENDENT (Her такого файла или каталога)
[pid 9955] newfstatat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/glibc-hwcaps/x86-64-v3", 0x7ffc191d1ff0, 0) = -1 ENOENT-(Het такого фаила или каталога)
"/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
0x7ffc191d1ff0, 0) = -1 ENOENT (Het takoro файла или каталога) gnu/glibc-hwcaps/x86-64-v2",
```

```
[pid 9955] openat(AT FDCWD,
"/usr/lib/x86 64-linux-gnu/tls/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
ENDENT (HeT Takoro файла или каталога)
0x7ffc191d1ff0, 0) = -1 ENOENT (Her такого файла или каталога) gnu/tls/haswell/x86_64",
O_RDONLY[O_CLOEXEC] = -1 ENOENI (Het такого файла или каталога)
0x7ffc191d1ff0, 0) = -1 ENOENT (Het такого файла или каталога) gnu/tls/haswell",
O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT Takoro файла или katanora)
[pid 9955] newfstatat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/tls/x86_64", 0x7ffc191d1ff0, 0) = -1 ENOENT-(Het такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
[pid 9955] newfstatat(AT FDCWD, "/usr/lib/x86_64-linux-gnu/tls", 0x7ffc191d1ff0, 0) = -1 ENOENT (Нет такого файла или каталога)
[pid 9955] openat(AT FDCWD, "/usr/lib/x86_64-linux-gnu/haswell/x86_64/libnss_db.so.2",
O_RDONLY[O_CLOEXEC] = -1 ENOENT (HeT Takoro файла или каталога)
[pid 9955] newfstatat(AT FDCWD, "/usr/lib/x86 64-linux-gnu/haswell/x86_64", 0x7ffc191d1ff0, 0) = -1 ENOENT-(Het такого фаила или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her Takoro canana unu karanora) (AT_{0}, B) = (AT_{
0) = [pid 9955] newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/haswell", 0x7ffc191d1ff0, (Het Takoro файла или каталога)
O_RDONLY[O_CLOEXEC] = -1 ENOENT (Her такого файла или каталога)
= -1 [pid 9955] newfstatat(AT FDCWD, "/usr/lib/x86_64-linux-gnu/x86_64", 0x7ffc191d1ff0, 0)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her Takoro файла или karanola)
st_size=98304, ...}, 0) = 0
"/usr/lib/x86_64-linux-gnu", {st_mode=S_IFDIR|0755,
[pid_{9955}] openat (AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
[pid 9955] newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3", 0x7ffc191d1ff0, 0) = -1 ENOENT (Her Takoro файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
[pid 9955] newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2", 0x7ffc191d1ff0, 0) = -1 ENOENT (Her такого файла или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (HeT TAKOTO \phi and \phi with \phi and \phi and \phi and \phi are the second of the second \phi and \phi are the second \phi and \phi are the second \phi and \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi and \phi are the second \phi are the second \phi and \phi are the second \phi and \phi are the second \phi and \phi are the second \phi 
[pid 9955] newfstatat(AT FDCWD, "/lib/tls/haswell/x86_64", 0x7ffc191d1ff0, 0) = -1 ENOENF (Her Takoro файла или каталога)
[pid 9955] newfstatat(AT_FDCWD, "/lib/tls/haswell", 0x7ffc191d1ff0, 0) = -1 ENOENT (Нет такого файла или каталога)—
[pid_{955}] openat(AT_FDCWD, "/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 (Her Takoro файла אחות каталога)
(Her takoro quana unu katanora) (116) (Her takoro quana unu katanora) (116) (Her takoro quana unu katanora) (116) (Her takoro quana unu katanora)
[pid 9955] openat(AT_FDCWD, "/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
\phiайла pid 9955] newfstatat(AT_FDCWD, "/lib/tls", 0x7ffc191d1ff0, 0) = -1 ENOENT (Heт такого файла или каталога)
| pid 9955| openat(AT_FDCWD, "/lib/haswell/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
| -1 ENOENT (Нет такого файла или каталога)
[pid 9955] newfstatat(AT_FDCWD, "/lib/haswell/x86_64", 0x7ffc191d1ff0, 0) = -1 ENOENT (Her takoro файла или каталога)
ENOEN [pid 9955] openat(AT FDCWD, "/lib/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
pid 9955] newfstatat(AT_FDCWD, "/lib/haswell", 0x7ffc191d1ff0, 0) = -1 ENOENT (Heт такого файла или каталога)
[pid_{955}] openat(AT_FDCWD, "/lib/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 (Her Takoro файла אחות каталога)
такого [pid_ 9955] newfstatat(AT_FDCWD, "/lib/x86_64", 0x7ffc191d1ff0, 0) = -1 ENOENT (Her такого файла или каталога)
(Heт takoro файла или каталога) "/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT
```

```
[pid 9955] newfstatat(AT_FDCWD, "/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
pid 9955] newfstatat(AT FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3", 0x7ffc191d1ff0, 0) = -1 ENOENT (Нет такого фаила или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
= -1 [pid 9955] newfstatat(AT FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2", 0x7ffc191d1ff0, 0)
O RDONLY O CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
[pid 9955] newfstatat(AT_FDCWD, "/usr/lib/tls/haswell/x86_64", 0x7ffc191d1ff0, 0) = -1 ENOENF (Her Takoro файла или каталога)
= -1 [pid 9955] openat(AT FDCWD, "/usr/lib/tls/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
[pid 9955] newfstatat(AT_FDCWD, "/usr/lib/tls/haswell", 0x7ffc191d1ff0, 0) = -1 ENOENT (Нет такого файла или каталога)—
pid 9955] openat(AT_FDCWD, "/usr/lib/tls/x86_64/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Her такого файла или каталога)
[pid 9955] newfstatat(AT_FDCWD, "/usr/lib/tls/x86_64", 0x7ffc191d1ff0, 0) = -1 ENOENT (Her Takoro файла или каталога)
[pid_9955] openat(AT_FDCWD, "/usr/lib/tls/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1
[pid_{9955}] newfstatat(AT_FDCWD, "/usr/lib/tls", 0x7ffc191d1ff0, 0) = -1 ENOENT (Het такого фаила или каталога)
O_RDONLY|O_CLOEXEC) = -1 ENOENT (Het такого файла или каталога)
[pid 9955] newfstatat(AT FDCWD, "/usr/lib/haswell/x86_64", 0x7ffc191d1ff0, 0) = -1 פרס (אפר האסרס (אסרס (א
[pid 9955] openat(AT_FDCWD, "/usr/lib/haswell/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENI (Нет такого файла или каталога)
(Her takoro quana unu karanora)— "/usr/lib/haswell", 0x7ffc191d1ff0, 0) = -1 ENOENT
ENOENF (Her Takoro файла или каталога) - 1
(Her <code>fakoro</code> <code>qauna</code> <code>unu</code> <code>katanora</code>) = -1 <code>ENOENT</code> (Her <code>fakoro</code> <code>qauna</code> <code>unu</code> <code>katanora</code>) = -1 <code>ENOENT</code>
[pid 9955] openat(AT_FDCWD, "/usr/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
0) = 0^{\text{pid}} 9955] newfstatat(AT_FDCWD, "/usr/lib", {st_mode=S_IFDIR|0755, st_size=4096, ...},
         [pid 9955] munmap(0x7f33f9d3f000, 71155) = 0
         [pid 9955] openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
AT_EMPTY_PATH) = 0 newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=71155, ...},
         [pid 9955] mmap(NULL, 71155, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f33f9d3f000
         [pid 9955] close(3)
O_RDONLY[O_CLOEXEC] = -1 ENOENT (Het такого файла или каталога) = -2.35.so",
[pid 9955] openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/libnss_db-2.35.so",
O_RDONLY[O_CLOEXEC) = -1 ENOENT (Het такого фаила или каталога)
[pid 9955] openat(AT FDCWD, "/lib/libnss_db-2.35.so", O_RDONLY|O_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)
[pid 9955] openat(AT_FDCWD, "/usr/lib/libnss_db-2.35.so", O_RDONLY|O_CLOEXEC) = -1
         [pid 9955] munmap(0x7f33f9d3f000, 71155) = 0
         [pid 9955] openat(AT_FDCWD, "/etc/protocols", O_RDONLY|O_CLOEXEC) = 3
       [pid 9955] newfstatat(3, "", {st_mode=S_IFREG|0644, st_size=2932, ...}, AT_EMPTY_PATH)
         [pid 9955] lseek(3, 0, SEEK_SET)
         [pid 9955] read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 2932
         [pid 9955] read(3, "", 4096)
         [pid 9955] close(3)
         [pid 9955] eventfd2(0, EFD_CLOEXEC)
         [pid 9955] fcntl(3, F_GETFL)
                                                                                = 0x2 (flags O_RDWR)
```

```
[pid 9955] fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0
         [pid 9955] fcntl(3, F_GETFL)
                                                                              = 0x802 (flags O RDWR O NONBLOCK)
         [pid 9955] fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0
         [pid 9955] getpid()
                                                                                = 9955
         [pid 9955] getpid()
                                                                                = 9955
getrandom("\x5d\xd0\xa1\xf7\xaf\xf0\x30\x0e\x5b\x58\xa2\x2a\x00\xeb\xd1\x06", 16, 0) = 16
         [pid 9955] eventfd2(0, EFD CLOEXEC)
         [pid 9955] fcntl(4, F_GETFL)
                                                                                = 0x2 (flags O_RDWR)
         [pid 9955] fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
         [pid 9955] fcntl(4, F_GETFL)
                                                                                = 0x802 (flags O_RDWR|O_NONBLOCK)
         [pid 9955] fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
         [pid 9955] getpid()
         [pid 9955] epoll_create1(EPOLL_CLOEXEC) = 5
[pid_{9955}]_{e} epoll_ctl(5, EPOLL_CTL_ADD, 4, {events=0, data={u32=1237283424, u64=94881359819360}}] = 0
[pid_9955] epoll_ctl(5, EPOLL_CTL_MOD, 4, {events=EPOLLIN, data={u32=1237283424, u64=94881359819360}}) = 0
         [pid 9955] getpid()
sagflags=SA_RESTORERSA_ONSTACK|SA_RESTART+SA_SIGNFO, sa_restorer=0x7f33f9691870, sa_mask=[]. NULL, 8)
         [pid 9955] rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0
= 0x7f33f8bb6000 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0)
         [pid 9955] mprotect(0x7f33f8bb7000, 8388608, PROT_READ|PROT_WRITE) = 0
         [pid 9955] rt_sigprocmask(SIG_BLOCK, ~[], [], 8) = 0
Elone fold 9955]
Elone Syntchology of the state of the st
         [pid 9955] rt_sigprocmask(SIG_SETMASK, [], NULL, 8) = 0
         [pid 9955] eventfd2(0, EFD_CLOEXEC)
         [pid 9955] fcntl(6, F_GETFL)
                                                                                = 0x2 (flags O RDWR)
         [pid 9955] fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK) = 0
         [pid 9955] fcntl(6, F_GETFL)
                                                                              = 0x802 (flags O_RDWR|O_NONBLOCK)
         strace: Process 9956 attached
         [pid 9955] fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK) = 0
         [pid 9955] getpid( <unfinished ...>
         [pid 9956] rseq(0x7f33f93b6fe0, 0x20, 0, 0x53053053 <unfinished ...>
         [pid 9955] <... getpid resumed>)
                                                                            = 9955
         [pid 9956] <... rseq resumed>)
         [pid 9955] epoll_create1(EPOLL_CLOEXEC) = 7
[pid_9955] epoll_ctl(7, EPOLL_CTL_ADD, 6, {events=0, data={u32=1237304480, u64=94881359840416}}) = 0
[pid_9955] epoll_ctl(7, EPOLL_CTL_MOD, 6, {events=EPOLLIN, data={u32=1237304480, u64=94881359840416}}) = 0
= 0x7f33f83b5000 mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0)
         [pid 9955] mprotect(0x7f33f83b6000, 8388608, PROT_READ|PROT_WRITE) = 0
         [pid 9956] set_robust_list(0x7f33f93b6920, 24 <unfinished ...>
         [pid 9955] rt_sigprocmask(SIG_BLOCK, ~[], <unfinished ...>
         [pid 9956] <... set_robust_list resumed>) = 0
         [pid 9955] <... rt_sigprocmask resumed>[], 8) = 0
```

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[pid. 9955]
Tolone_swilchone_Eilesichone_sighand|clone_turealclone_s
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 => {parent_tid=[9957]}, 88) = 9957
[pid 9957] rseq(0x7f33f8bb5fe0, 0x20, 0, 0x53053053 <unfinished ...>
[pid 9955] rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>
[pid 9957] <... rseq resumed>)
[pid 9955] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 9957] set_robust_list(0x7f33f8bb5920, 24) = 0
[pid 9955] eventfd2(0, EFD_CLOEXEC <unfinished ...>
[pid 9957] rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>
[pid 9956] rt_sigprocmask(SIG_SETMASK, [], <unfinished ...>
[pid 9957] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 9955] <... eventfd2 resumed>)
[pid 9957] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>
[pid 9955] fcntl(8, F_GETFL <unfinished ...>
[pid 9957] <... rt sigprocmask resumed>NULL, 8) = 0
[pid 9955] \langle \dots \rangle fcntl resumed = 0x2 (flags O_RDWR)
[pid 9957] sched_getparam(9957, <unfinished ...>
[pid 9955] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
[pid 9957] <... sched_getparam resumed>[0]) = 0
[pid 9955] <... fcntl resumed>)
[pid 9957] sched getscheduler(9957 <unfinished ...>
[pid 9955] fcntl(8, F_GETFL <unfinished ...>
[pid 9957] <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
[pid 9955] <... fcntl resumed>)
                                                                    = 0x802 (flags O_RDWR|O_NONBLOCK)
[pid 9957] sched_setscheduler(9957, SCHED_OTHER, [0] <unfinished ...>
[pid 9955] fcnt1(8, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
[pid 9957] <... sched_setscheduler resumed>) = 0
[pid 9956] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 9957] prctl(PR_SET_NAME, "ZMQbg/IO/0" <unfinished ...>
[pid 9955] <... fcntl resumed>)
[pid 9957] <... prctl resumed>)
                                                                     = 0
[pid 9956] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], <unfinished ...>
[pid 9957] epoll_wait(7, <unfinished ...>
[pid 9955] getpid( <unfinished ...>
[pid 9956] <... rt sigprocmask resumed>NULL, 8) = 0
[pid 9955] <... getpid resumed>)
                                                                    = 9955
[pid 9956] sched_getparam(9956, [0]) = 0
[pid 9955] getpid( <unfinished ...>
[pid 9956] sched_getscheduler(9956 <unfinished ...>
[pid 9955] <... getpid resumed>)
                                                                       = 9955
[pid 9956] <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
[pid 9955] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
[pid 9956] sched_setscheduler(9956, SCHED_OTHER, [0] <unfinished ...>
[pid 9955] <... poll resumed>)
                                                                      = 0 (Timeout)
[pid 9956] <... sched_setscheduler resumed>) = 0
[pid 9956] prctl(PR_SET_NAME, "ZMQbg/Reaper" <unfinished ...>
```

[pid 9955] brk(0x564b49c27000 <unfinished ...>

```
[pid 9956] <... prctl resumed>)
                                         = 0
     [pid 9955] <... brk resumed>)
                                         = 0x564b49c27000
     [pid 9956] epoll_wait(5, <unfinished ...>
     [pid 9955] futex(0x7f33f9c29788, FUTEX_WAKE_PRIVATE, 2147483647) = 0
     [pid 9955] getpid()
                                          = 9955
     [pid 9955] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
[pid 9955] <... write resumed>)
                                          = 8
     [pid 9957] getpid( <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
     [pid 9957] <... getpid resumed>)
                                          = 9955
     [pid 9955] <... getpid resumed>)
                                     = 9955
     [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9955] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9957] <... poll resumed>)
                                        = 1 ([{fd=6, revents=POLLIN}])
     [pid 9955] <... write resumed>)
                                          = 8
     [pid 9957] getpid()
                                          = 9955
     [pid 9955] eventfd2(0, EFD CLOEXEC <unfinished ...>
     [pid 9957] read(6, <unfinished ...>
     [pid 9955] <... eventfd2 resumed>) = 9
     [pid 9957] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9955] fcntl(9, F_GETFL <unfinished ...>
-1, 0 [pid 9957] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE,
     [pid 9955] \langle \dots \text{ fcntl resumed} \rangle = 0x2 (flags O_RDWR)
     [pid 9957] <... mmap resumed>) = 0x7f33f03b5000
     [pid 9955] fcntl(9, F SETFL, O RDWR|O NONBLOCK <unfinished ...>
     [pid 9957] munmap(0x7f33f03b5000, 63221760 <unfinished ...>
     [pid 9955] <... fcntl resumed>)
     [pid 9955] fcntl(9, F_GETFL <unfinished ...>
     [pid 9957] <... munmap resumed>)
     [pid 9955] <... fcntl resumed>)
                                         = 0x802 (flags O_RDWR|O_NONBLOCK)
     [pid 9957] munmap(0x7f33f8000000, 3887104 <unfinished ...>
     [pid 9955] fcntl(9, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
     [pid 9957] <... munmap resumed>)
                                          = 0
     [pid 9955] <... fcntl resumed>)
                                          = 0
     [pid 9957] mprotect(0x7f33f4000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
     [pid 9957] <... mprotect resumed>) = 0
     [pid 9955] <... getpid resumed>)
                                        = 9955
     [pid 9955] getpid( <unfinished ...>
     [pid 9957] socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP <unfinished ...>
     [pid 9955] <... getpid resumed>) = 9955
     [pid 9955] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9957] <... socket resumed>)
                                         = 10
     [pid 9955] \langle \dots \text{ poll resumed} \rangle = 1 ([{fd=8, revents=POLLIN}])
     [pid 9957] fcntl(10, F GETFL <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
                                      = 0x2 (flags O_RDWR)
     [pid 9957] <... fcntl resumed>)
```

```
[pid 9955] <... getpid resumed>) = 9955
          [pid 9957] fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
          [pid 9955] read(8, <unfinished ...>
          [pid 9957] <... fcntl resumed>)
          [pid 9955] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
sin_addr=inet_addr("127.0.0:1{\sa_family=AF_INET, sin_port=htons(4042),
for the sin_addr=inet_addr("127.0.0:1{\sa_family=AF_INET, sin_addr=inet_addr("127.0.0:1{\sa_family=AF_INET, sin_addr=inet_addr("1
          [pid 9955] getpid()
                                                                                   = 9955
          [pid 9955] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
          [pid 9955] getpid()
          [pid 9955] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
[pid 9957] <... connect resumed>) = -1 EINPROGRESS (Операция выполняется в
u64=159861113705520}}) = 0(7, EPOLL_CTL_ADD, 10, {events=0, data={u32=4093645872,
[pid 9957] epoll ctl(7, EPOLL CTL_MOD, 10, {events=EPOLLOUT, data={u32=4093645872,
u64=139861113705520}} cunfinished ...>
[pid\ 9954] \times [epol]\ wait\ resumed>[{events=EPOLLIN},\ data={u32=5312}, u64=140514150061248}]],\ 256, -1) = 1
          [pid 9957] <... epoll_ctl resumed>) = 0
          [pid 9957] getpid()
          [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 9957] epol] wait(7, [{events=EPOLLOUT, data={u32=4093645872, u64=139861113705520}}], 256, -1) = 1
          [pid 9957] epoll_ctl(7, EPOLL_CTL_DEL, 10, 0x7f33f4001434) = 0
          [pid 9954] accept4(11, <unfinished ...>
          [pid 9957] getsockopt(10, SOL_SOCKET, SO_ERROR, [0], [4]) = 0
          [pid 9957] setsockopt(10, SOL_TCP, TCP_NODELAY, [1], 4) = 0
[pid. 9957] getsockname(10, {sa_family=AF_INET, sin_port=htons(57844), sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
          [pid 9957] getpeername(10, <unfinished ...>
sin_addr=inet_addr("127.0.0.1")}, [128 =>-16], SOCK_CLOEXEC) = 12
[pid. 9957] < getpeername resumed>{sa family=AF_INET, sin_port=htons(4042),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
          [pid 9954] setsockopt(12, SOL_TCP, TCP_NODELAY, [1], 4 <unfinished ...>
          [pid 9957] fcntl(10, F_GETFL) = 0x802 (flags O_RDWR|O_NONBLOCK)
          [pid 9957] fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK) = 0
          [pid 9957] getpid()
          [pid 9957] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
          [pid 9957] epoll_wait(7, <unfinished ...>
          [pid 9954] <... setsockopt resumed>) = 0
[pid 9957] getpid()
                                                                                   = 9955
          [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])
          [pid 9957] getpid()
                                                                                   = 9955
          [pid 9957] read(6, <unfinished ...>
          [pid 9954] getpeername(12, <unfinished ...>
          [pid 9957] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid. 9954] < getpeername resumed>{sa_family=AF_INET, sin_port=htons(57844),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
[pid\ 9957]\ epoll\ ctl(7,\ EPOLL\_CTL\_ADD,\ 10,\ \{events=0,\ data=\{u32=4093645872,\ u64=139861113705520\}\})=0
          [pid 9954] getsockname(12, <unfinished ...>
[pid 9957] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=4093645872, u64=139861113705520}} \mbox{cunfinished} ...>
```

```
[pid 9957] <... epoll_ctl resumed>) = 0
[pid 9957] epoll ctl(7 EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=4093645872, u64=139861113705520}}, <unfinished ...>
     [pid 9954] getpeername(12, <unfinished ...>
     [pid 9957] <... epoll_ctl resumed>) = 0
[pid. 9954] < getpeername resumed > {sa_family=AF_INET, sin_port=htons(57844), sin_addr=inet_addr("127.0.0.1")}, [128 => 16] = 0
pid 9957] recvfrom(10, 0x7f33f4001be8, 12, 0, NULL, NULL) = -1 EAGAIN (Pecypc временно недоступен)
     [pid 9954] fcntl(12, F_GETFL <unfinished ...>
     [pid 9957] getpid( <unfinished ...>
     [pid 9954] <... fcntl resumed>) = 0x2 (flags O_RDWR)
    [pid 9957] <... getpid resumed>) = 9955
     [pid 9954] fcntl(12, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
     [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] <... fcntl resumed>) = 0
     [pid 9957] \langle \dots \text{ poll resumed} \rangle = 0 (Timeout)
     [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
[pid 9954] <... getpid resumed>)
                                      = 9950
     [pid 9957] sendto(10, "\377\0\0\0\0\0\0\1\177", 10, 0, NULL, 0 <unfinished ...>
     [pid 9954] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9957] <... sendto resumed>) = 10
     [pid 9954] <... write resumed>)
[pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9957] <... epoll_ctl resumed>) = 0
[pid_{9954}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}], 256,-1) = 1
     [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9954] getpid()
                                          = 9950
     [pid 9954] poll([\{fd=6, events=POLLIN\}], 1, 0) = 1 ([\{fd=6, revents=POLLIN\}])
     [pid 9954] getpid()
     [pid 9954] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
u64=140514150091296}})=01_ct](7, EPOLL_CTL_ADD, 12, {events=0, data={u32=35360,
u64=140514150091296}) = 0 (7, EPOLL_CTL_MOD, 12, {events=EPOLLIN, data={u32=35360, u64=140514150091296}})
[pid 9954] epoll_ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN|EPOLLOUT, data={u32=35360,
u64=140514150091296}}) = 0
     [pid 9954] recvfrom(12, "\377\0\0\0\0\0\0\0\1\177", 12, 0, NULL, NULL) = 10
pid 9954] recvfrom(12, 0x7fcc00009152, 2, 0, NULL, NULL) = -1 EAGAIN (Pecypc временно недоступен)
     [pid 9954] getpid()
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)
256, 3000) = 1 epoll_wait(7, [{events=EPOLLOUT, data={u32=35360, u64=140514150091296}}],
     [pid 9954] sendto(12, "\377\0\0\0\0\0\0\1\177\3", 11, 0, NULL, 0 <unfinished ...>
[pid 9954] <... sendto resumed>)
     [pid 9957] recvfrom(10, <unfinished ...>
```

```
[pid 9954] epoll ctl(7, EPOLL CTL_MOD, 12, {events=EPOLLIN, data={u32=35360, u64=140514150091296}} cunfinished ...>
                  [pid 9957] <... recvfrom resumed>"\377\0\0\0\0\0\0\1\177\3", 12, 0, NULL, NULL) = 11
                  [pid 9954] <... epoll_ctl resumed>)
[pid 9954] epoll_wait(7, <unfinished ...>
                  [pid 9957] <... epoll ctl resumed>) = 0
[pid 9957] recvfrom(10, 0x7f33f4001bf3, 53, 0, NULL, NULL) = -1 EAGAIN (Pecypc временно недоступен)
[pid 9954] recvfrom(12, <unfinished ...>
                  [pid 9957] <... epoll ctl resumed>) = 0
                  [pid 9954] <... recvfrom resumed>"\3\1", 2, 0, NULL, NULL) = 2
                   [pid 9957] epoll_wait(7, <unfinished ...>
[pid 9954] epoll_ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN|EPOLLOUT, data={u32=35360,
u64=140514150091296}}) = 0
"NULL \{\theta_i^{\dagger}\theta_i^{\dagger}\}_{0}^{\dagger} \{\theta_i^{\dagger}\theta_i^{\dagger}\}_{0}^{\dagger}
[pid 9954] recvfrom(12, 0x7fcc0000b8c8, 8192, 0, NULL, NULL) = -1 EAGAIN (Pecypc временно недоступен)
256, [pid, 9954] epoll_wait(7, [{events=EPOLLOUT, data={u32=35360, u64=140514150091296}}],
[pid 9954] <... sendto resumed>)
                   [pid 9957] recvfrom(10, <unfinished ...>
                  [pid 9954] epoll_wait(7, <unfinished ...>
 \begin{array}{l} \text{pid. 19957} \\ \text{NDLL} \\ \text{
[pid 9954] {
u64=140514150091296}}], 256, 30000) = 1
[{events=EPOLLOUT, data={u32=35360, 30000}}]
[pid 9957] epoll ctl(7 EPOLL CTL MOD, 10 {events=EPOLLIN|EPOLLOUT, data={u32=4093645872, u64=139861113705520}}, <unfinished ...>
[pid 9954] sendto(12, "\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 40, 0, NULL, 0
                  [pid 9957] <... epoll_ctl resumed>) = 0
                  [pid 9957] recvfrom(10, <unfinished ...>
                  [pid 9954] <... sendto resumed>)
                                                                                                                                             = 40
0, NULL, NULL) = 40.. recvfrom resumed>"\4&\5READY\vSocket-Type\0\0\0\3REQ\10Iden"..., 8192,
                  [pid 9954] epoll_wait(7, <unfinished ...>
                  [pid 9957] epoll_wait(7, <unfinished ...>
[pid 9954] \times [epol] = 1 epol wait resumed [\{events = EPOLLOUT, data = \{u32 = 35360, u64 = 140514150091296\}\}]
[pid 9954] epoll_ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN, data={u32=35360, u64=140514150091296}} <urbox
                  [pid 9957] getpid( <unfinished ...>
                  [pid 9954] \langle \dots \text{ epoll ctl resumed} \rangle = 0
                  [pid 9957] <... getpid resumed>) = 9955
```

```
[pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9957] write(8, 1\0\0\0\0\0\0\, 8) = 8
                                     = 1 ([{fd=8, revents=POLLIN}])
    [pid 9955] <... poll resumed>)
    [pid 9955] getpid( <unfinished ...>
[pid 9957] sendto(10, "\4\31\5READY\vSocket-Type\0\0\0\3REP", 27, 0, NULL, 0 <
    [pid 9955] <... getpid resumed>)
                                    = 27
    [pid 9957] <... sendto resumed>)
     [pid 9955] read(8, <unfinished ...>
[pid 9954] \times [epoll wait resumed > [{events=EPOLLIN, data={u32=35360, u64=140514150091296}}], 256, 30000) = 1
    [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9955] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid 9954] recvfrom(12, <unfinished ...>
[pid 9955] getpid( <unfinished ...>
    [pid 9957] <... epoll_ctl resumed>)
[pid 9957] epoll_wait(7, <unfinished ...>
    [pid 9955] <... getpid resumed>) = 9955
    [pid 9955] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
    [pid 9954] getpid( <unfinished ...>
     [pid 9955] <... write resumed>)
u64=94881359840416}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1237304480, 1.5}}]
    [pid 9955] getpid( <unfinished ...>
    [pid 9954] <... getpid resumed>) = 9950
    [pid 9957] getpid( <unfinished ...>
    [pid 9955] <... getpid resumed>)
                                      = 9955
    [pid 9957] <... getpid resumed>) = 9955
    [pid 9954] write(9, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
    [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9955] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9957] <... poll resumed>)
                                       = 1 ([{fd=6, revents=POLLIN}])
    [pid 9954] <... write resumed>)
                                       = 8
    [pid 9950] <... poll resumed>)
                                     = 1 ([{fd=9, revents=POLLIN}])
     [pid 9957] getpid( <unfinished ...>
                                      = 0 (Timeout)
    [pid 9955] <... poll resumed>)
    [pid 9957] <... getpid resumed>) = 9955
[pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN|EPOLLOUT, data={u32=35360, u64=140514150091296}}; cunfinished ...>
    [pid 9950] getpid( <unfinished ...>
    [pid 9957] read(6, <unfinished ...>
    [pid 9955] getpid( <unfinished ...>
    [pid 9954] \langle \dots \text{ epoll\_ctl resumed} \rangle = 0
    [pid 9950] <... getpid resumed>) = 9950
     [pid 9957] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9955] <... getpid resumed>)
                                      = 9955
[pid 9954] epoll_ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN, data={u32=35360, u64=140514150091296}} cunfinished ...>
```

```
[pid 9957] getpid( <unfinished ...>
     [pid 9955] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9950] read(9, <unfinished ...>
                                        = 9955
     [pid 9957] <... getpid resumed>)
     [pid 9954] <... epoll_ctl resumed>) = 0
     [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9950] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9957] <... poll resumed>)
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9950] getpid()
     [pid 9950] poll([{fd=9, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9950] getpid()
     [pid 9950] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid_{9954}] < [events=EPOLLIN, data={u32=1038525600, u64=93837484008608}]], 256, -1) = 1
     [pid 9950] getpid( <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9950] <... getpid resumed>)
                                         = 9950
     [pid 9954] <... getpid resumed>) = 9950
     [pid 9950] poll([{fd=9, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9954] poll([\{fd=6, events=POLLIN\}], 1, 0) = 1 ([\{fd=6, revents=POLLIN\}])
     [pid 9954] getpid()
     [pid 9954] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 9954] epoll_ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN|EPOLLOUT, data={u32=35360,
u64=140514150091296}}) = 0
     [pid 9954] getpid()
     [pid 9954] write(9, 1\0\0\0\0\0\0\0\ = 8
     [pid 9950] <... poll resumed>)
                                     = 1 ([{fd=9, revents=POLLIN}])
     [pid 9954] sendto(12, "\1\0\0\0052 pid", 9, 0, NULL, 0 <unfinished ...>
     [pid 9950] getpid()
                                           = 9950
[pid 9954] <... sendto resumed>)
     [pid 9957] recvfrom(10, <unfinished ...>
     [pid 9950] read(9, <unfinished ...>
     [pid 9957] <... recvfrom resumed>"\1\0\0\0052 pid", 8192, 0, NULL, NULL) = 9
     [pid 9954] getpid( <unfinished ...>
     [pid 9950] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9957] getpid( <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                         = 9950
     [pid 9950] getpid( <unfinished ...>
     [pid 9957] <... getpid resumed>)
                                       = 9955
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9957] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9950] <... getpid resumed>)
                                         = 9950
     [pid 9957] <... write resumed>)
                                         = 8
     [pid 9955] <... poll resumed>)
                                         = 1 ([{fd=8, revents=POLLIN}])
     [pid 9954] <... poll resumed>) = 0 (Timeout)
     [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
```

```
[pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9955] <... getpid resumed>)
u64=140514150091296}}], 256, -1) = 1 epoll_wait_resumed>[{events=EPOLLOUT, data={u32=35360,
     [pid 9955] read(8, <unfinished ...>
pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN, data={u32=35360,
u64=140514150091296}} 
    [pid 9955] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
    [pid 9954] <... epoll_ctl resumed>)
    [pid 9955] getpid( <unfinished ...>
    [pid 9954] epoll_wait(7, <unfinished ...>
    [pid 9955] <... getpid resumed>) = 9955
     [pid 9950] poll([{fd=9, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9955] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
    [pid 9955] getpid()
     [pid 9955] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
[pid 9955] <... write resumed>)
    [pid 9957] getpid()
                                         = 9955
    [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9955] getpid( <unfinished ...>
    [pid 9957] <... poll resumed>)
                                       = 1 ([{fd=6, revents=POLLIN}])
    [pid 9955] <... getpid resumed>) = 9955
    [pid 9957] getpid( <unfinished ...>
    [pid 9950] <... poll resumed>)
                                       = 0 (Timeout)
    [pid 9955] getpid( <unfinished ...>
    [pid 9957] <... getpid resumed>)
                                       = 9955
    [pid 9955] <... getpid resumed>) = 9955
    [pid 9950] getpid( <unfinished ...>
    [pid 9957] read(6, <unfinished ...>
    [pid 9955] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9957] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
    [pid 9955] <... poll resumed>)
                                    = 0 (Timeout)
    [pid 9957] getpid( <unfinished ...>
    [pid 9955] getpid( <unfinished ...>
    [pid 9957] <... getpid resumed>)
                                    = 9955
    [pid 9955] <... getpid resumed>)
                                       = 9955
    [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9955] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
    [pid 9957] <... poll resumed>)
                                     = 0 (Timeout)
    [pid 9955] <... write resumed>) = 8
[pid 9955] getpid( <unfinished ...>
    [pid 9957] getpid( <unfinished ...>
    [pid 9955] <... getpid resumed>)
                                     = 9955
    [pid 9957] <... getpid resumed>) = 9955
    [pid 9955] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9950] <... getpid resumed>)
                                    = 9950
```

```
[pid 9957] <... poll resumed>)
                                  = 1 ([{fd=6, revents=POLLIN}])
    [pid 9957] getpid( <unfinished ...>
    [pid 9950] poll([{fd=9, events=POLLIN}], 1, -1 <unfinished ...>
    [pid 9957] <... getpid resumed>)
    [pid 9957] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 9957] getpid()
                                        = 9955
    [pid 9957] write(8, "\1\0\0\0\0\0\0\0", 8) = 8
                                   = 1 ([{fd=8, revents=POLLIN}])
    [pid 9955] <... poll resumed>)
    [pid 9957] sendto(10, "\1\0\0\100K: 9955", 12, 0, NULL, 0 <unfinished ...>
     [pid 9955] getpid()
                                        = 9955
    [pid 9957] <... sendto resumed>)
                                        = 12
[pid 9957] getpid( <unfinished ...>
    [pid 9955] read(8, <unfinished ...>
    [pid 9957] <... getpid resumed>)
    [pid 9954] recvfrom(12, <unfinished ...>
    [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9955] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
                                   = 0 (Timeout)
    [pid 9957] <... poll resumed>)
    [pid 9954] <... recvfrom resumed>"\1\0\0\100K: 9955", 8192, 0, NULL, NULL) = 12
    [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
[pid 9954] getpid( <unfinished ...>
[pid 9957] epoll ctl(7, EPOLL CTL_MOD, 10, {events=EPOLLIN, data={u32=4093645872, u64=139861113705520}} 
 cuntinished ...>
    [pid 9955] <... getpid resumed>) = 9955
    [pid 9957] <... epoll_ctl resumed>) = 0
    [pid 9954] <... getpid resumed>)
    [pid 9957] epoll_wait(7, <unfinished ...>
    [pid 9955] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9954] write(9, "\1\0\0\0\0\0\0", 8 <unfinished ...>
    [pid 9955] <... poll resumed>)
                                   = 0 (Timeout)
    [pid 9954] <... write resumed>)
                                      = 8
    [pid 9955] getpid( <unfinished ...>
    [pid 9954] epoll_wait(7, <unfinished ...>
    [pid 9955] <... getpid resumed>)
    [pid 9955] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
    [pid 9950] <... poll resumed>)
                                      = 1 ([{fd=9, revents=POLLIN}])
    [pid 9950] getpid()
                                        = 9950
    [pid 9950] read(9, "\1\0\0\0\0\0\0\0", 8) = 8
    [pid 9950] getpid()
    [pid 9950] poll([{fd=9, events=POLLIN}], 1, 0) = 0 (Timeout)
    [pid 9950] getpid()
                                        = 9950
    [pid 9950] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
u64=93837484008608}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, 256,-1} = 1
     [pid 9950] <... write resumed>)
```

```
[pid 9954] getpid()
                                            = 9950
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9950] getpid( <unfinished ...>
     [pid 9954] <... poll resumed>)
                                          = 1 ([{fd=6, revents=POLLIN}])
     [pid 9950] <... getpid resumed>)
                                          = 9950
     [pid 9954] getpid( <unfinished ...>
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] <... getpid resumed>)
     [pid 9950] <... poll resumed>) = 0 (Timeout)
     [pid 9954] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9950] getpid( <unfinished ...>
[pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=5168, u64=140514150061104}} <unfinished ...>
     [pid 9950] <... getpid resumed>)
     [pid 9954] <... epoll_ctl resumed>) = 0
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9954] sendto(10, "\1\0\0\100K: 9955", 12, 0, NULL, 0) = 12
[pid 9952] < epoll wait resumed>[{events=EPOLLIN, data={u32=3019901904, u64=140280946756560}}], 256, -1) = 1
     [pid 9954] getpid()
                                            = 9950
     [pid 9952] recvfrom(10, <unfinished ...>
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9952] <... recvfrom resumed>"\1\0\0\100K: 9955", 8192, 0, NULL, NULL) = 12
     [pid 9954] <... poll resumed>) = 0 (Timeout)
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
[pid 9952] <... getpid resumed>) = 9946
[pid 9954] epoll ctl(7, EPOLL CTL_MOD, 10, {events=EPOLLIN, data={u32=5168, u64=140514150061104}} 
 cunfinished ...>
     [pid 9952] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9954] \langle \dots \text{ epoll\_ctl resumed} \rangle = 0
     [pid 9952] <... write resumed>) = 8
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9946] <... poll resumed>)
                                      = 1 ([{fd=8, revents=POLLIN}])
     [pid 9946] getpid()
     [pid 9946] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9946] getpid()
                                            = 9946
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9946] write(1, "OK: 9955\n", 90K: 9955
     ) = 9
     [pid 9946] read(0, kill 1
     "kill 1 \ n", 1024) = 7
     [pid 9946] getpid()
                                            = 9946
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9946] getpid()
     [pid 9946] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9946] getpid()
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
```

```
[pid 9952] getpid()
     [pid 9952] poll([\{fd=6, events=POLLIN\}], 1, 0) = 1 ([\{fd=6, revents=POLLIN\}])
     [pid 9952] getpid()
                                          = 9946
     [pid 9952] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 9952] sendto(10, "\1\0\0\0051kill", 9, 0, NULL, 0) = 9
     [pid 9952] getpid()
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid_{9954}] epoll_wait_resumed>[{events=EPOLLIN, data={u32=5168, u64=140514150061104}}], 256, -1) = 1
u64=140280946750560}, epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3019901904, u64=140280946750560}})
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9954] recvfrom(10, "1\0\0\0051kill", 8192, 0, NULL, NULL) = 9
     [pid 9954] getpid()
                                          = 9950
     [pid 9954] write(8, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9950] <... poll resumed>)
                                         = 1 ([{fd=8, revents=POLLIN}])
     [pid 9950] getpid()
                                          = 9950
     [pid 9950] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9950] getpid()
                                          = 9950
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
     [pid 9950] getpid()
     [pid 9950] poll([\{fd=9, events=POLLIN\}], 1, 0) = 0 (Timeout)
     [pid 9950] getpid()
     [pid 9950] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
u64=93837484008608}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, 256,-1} = 1
     [pid 9950] <... write resumed>)
     [pid 9954] getpid( <unfinished ...>
     [pid 9950] getpid( <unfinished ...>
                                       = 9950
     [pid 9954] <... getpid resumed>)
     [pid 9950] <... getpid resumed>) = 9950
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9950] poll([{fd=9, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9954] <... poll resumed>)
                                        = 1 ([{fd=6, revents=POLLIN}])
     [pid 9954] getpid()
     [pid 9954] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 9954] epoll_ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN|EPOLLOUT, data={u32=35360,
u64=140514150091296}}) = 0
     [pid 9954] sendto(12, "1\0\0\062 kill", 10, 0, NULL, 0) = 10
                                          = 9950
     [pid 9954] getpid()
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)
256, [pid 9954] epoll_wait(7, [{events=EPOLLOUT, data={u32=35360, u64=140514150091296}}],
[pid 9954] epoll_ctl(7, EPOLL_CTL_MOD, 12, {events=EPOLLIN, data={u32=35360,
u64=140514150091296}}) = 0
     [pid 9954] epoll_wait(7, <unfinished ...>
u64=139861113705520}}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=4093645872,
```

```
[pid 9957] recvfrom(10, "\1\0\0\0062 kill", 8192, 0, NULL, NULL) = 10
          [pid 9957] getpid()
          [pid 9957] write(8, "\1\0\0\0\0\0\0\0", 8) = 8
          [pid 9955] <... poll resumed>) = 1 ([{fd=8, revents=POLLIN}])
          [pid 9957] epoll_wait(7, <unfinished ...>
          [pid 9955] getpid()
                                                                                    = 9955
          [pid 9955] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
          [pid 9955] getpid()
          [pid 9955] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
          [pid 9955] getpid()
          [pid 9955] poll([\{fd=8, events=POLLIN\}], 1, 0) = 0 (Timeout)
          [pid 9955] getpid()
                                                                                    = 9955
          [pid 9955] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
u64=94881359840416}}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1237304480, property of the content of
          [pid 9955] <... write resumed>) = 8
          [pid 9957] getpid()
                                                                                     = 9955
          [pid 9955] getpid( <unfinished ...>
          [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
          [pid 9955] <... getpid resumed>)
          [pid 9957] <... poll resumed>) = 1 ([{fd=6, revents=POLLIN}])
          [pid 9955] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
          [pid 9957] getpid( <unfinished ...>
          [pid 9955] <... poll resumed>)
                                                                          = 0 (Timeout)
          [pid 9957] <... getpid resumed>) = 9955
          [pid 9957] read(6, <unfinished ...>
          [pid 9955] getpid( <unfinished ...>
          [pid 9957] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
          [pid 9955] <... getpid resumed>) = 9955
[pid 9957] epoll ct1(7 EPOLL CTL MOD, 10 {events=EPOLLIN|EPOLLOUT,
data={u32=4093645872, u64=139861113705520}}, <unfinished ...>
          [pid 9955] write(4, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
          [pid 9957] <... epoll_ctl resumed>) = 0
          [pid 9955] <... write resumed>) = 8
          [pid 9957] sendto(10, "\1\0\0\2OK", 6, 0, NULL, 0 <unfinished ...>
          [pid 9955] getpid( <unfinished ...>
[pid 9956] \le epoll wait resumed>[{events=EPOLLIN, data={u32=1237283424, u64=94881359819360}}], 256, -1) = 1
          [pid 9955] <... getpid resumed>) = 9955
[pid 9957] <... sendto resumed>) = 6
u64=140514150091296}], epoll_wait resumed>[{events=EPOLLIN, data={u32=35360, -1} = 1
          [pid 9957] getpid( <unfinished ...>
          [pid 9955] getpid( <unfinished ...>
          [pid 9957] <... getpid resumed>) = 9955
          [pid 9956] getpid( <unfinished ...>
          [pid 9954] recvfrom(12, <unfinished ...>
          [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
          [pid 9955] <... getpid resumed>) = 9955
          [pid 9957] <... poll resumed>)
                                                                                  = 0 (Timeout)
          [pid 9956] <... getpid resumed>) = 9955
```

```
[pid 9954] <... recvfrom resumed>"\1\0\0\20K", 8192, 0, NULL, NULL) = 6
     [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
     [pid 9955] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
[pid 9956] <... getpid resumed>)
     [pid 9954] getpid( <unfinished ...>
[pid 9956] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9955] <... write resumed>)
     [pid 9957] <... epoll_ctl resumed>) = 0
     [pid 9956] <... poll resumed>)
                                        = 1 ([{fd=4, revents=POLLIN}])
    [pid 9954] <... getpid resumed>) = 9950
     [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
     [pid 9956] <... getpid resumed>)
                                     = 9955
     [pid 9954] write(9, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9956] read(4, <unfinished ...>
     [pid 9955] <... getpid resumed>)
                                        = 9955
     [pid 9956] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9954] <... write resumed>)
                                    = 1 ([{fd=9, revents=POLLIN}])
     [pid 9950] <... poll resumed>)
-1, 0 [pid 9956] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE,
     [pid 9955] write(9, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9954] epoll_wait(7, <unfinished ...>
                                        = 0x7f33ec000000
     [pid 9956] <... mmap resumed>)
     [pid 9955] <... write resumed>)
     [pid 9950] getpid( <unfinished ...>
     [pid 9956] munmap(0x7f33f0000000, 67108864 <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
     [pid 9950] <... getpid resumed>) = 9950
                                      = 9955
     [pid 9955] <... getpid resumed>)
     [pid 9950] read(9, <unfinished ...>
     [pid 9956] <... munmap resumed>)
                                        = 0
     [pid 9955] poll([{fd=3, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9956] mprotect(0x7f33ec000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>
     [pid 9950] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9956] <... mprotect resumed>)
     [pid 9950] getpid()
                                          = 9950
[pid 9956] epoll ctl(5, EPOLL CTL ADD, 9, {events=0, data={u32=3959425904, u64=139860979485552}} 
 tunfinished ...>
     [pid 9950] poll([{fd=9, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] <... epoll_ctl resumed>) = 0
     [pid 9950] \langle \dots \text{ poll resumed} \rangle = 0 (Timeout)
pid 9956] epoll ctl(5, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=3959425904,
u64=139860979485552}} <urfinished ...>
     [pid 9950] getpid( <unfinished ...>
     [pid 9956] <... epoll_ctl resumed>) = 0
```

```
[pid 9950] <... getpid resumed>) = 9950
     [pid 9956] epoll_ctl(5, EPOLL_CTL_DEL, 9, 0x7f33ec000b74 <unfinished ...>
     [pid 9950] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] <... epoll_ctl resumed>) = 0
     [pid 9950] <... poll resumed>)
                                          = 0 (Timeout)
     [pid 9956] close(9 <unfinished ...>
     [pid 9950] getpid( <unfinished ...>
     [pid 9956] <... close resumed>)
                                           = 0
     [pid 9950] <... getpid resumed>)
                                          = 9950
     [pid 9956] getpid( <unfinished ...>
     [pid 9950] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9956] <... getpid resumed>) = 9955
     [pid 9950] <... write resumed>) = 8
[pid 9956] epoll ctl(5, EPOLL CTL_ADD, 8, {events=0, data={u32=3959425968,
u64=139860979485616}} <urfinished ...>
[pid_{9954}] epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}], 256,-1) = 1
     [pid 9956] <... epoll_ctl resumed>)
     [pid 9950] getpid( <unfinished ...>
pid 9956] epoll ctl(5, EPOLL_CTL_MOD, 8, {events=EPOLLIN, data={u32=3959425968,
u64=139860979485616}} <urbe style="color: blue;">tunfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9956] <... epoll ctl resumed>) = 0
     [pid 9950] <... getpid resumed>)
                                         = 9950
     [pid 9956] getpid( <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                          = 9950
     [pid 9956] <... getpid resumed>) = 9955
     [pid 9950] poll([{fd=9, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] <... getpid resumed>)
                                         = 9955
     [pid 9950] <... poll resumed>)
                                    = 0 (Timeout)
     [pid 9956] getpid( <unfinished ...>
                                         = 1 ([{fd=6, revents=POLLIN}])
     [pid 9954] <... poll resumed>)
     [pid 9956] <... getpid resumed>)
                                          = 9955
     [pid 9950] getpid( <unfinished ...>
     [pid 9956] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
                                         = 0 (Timeout)
     [pid 9956] <... poll resumed>)
     [pid 9950] <... getpid resumed>)
                                          = 9950
     [pid 9956] epoll_wait(5, <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                       = 9950
[pid 9950] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
     [pid 9954] read(6, <unfinished ...>
     [pid 9956] <... getpid resumed>)
                                         = 9955
     [pid 9950] <... poll resumed>) = 0 (Timeout)
     [pid 9956] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
```

```
[pid 9956] <... poll resumed>)
                                    = 1 ([{fd=8, revents=POLLIN}])
     [pid 9950] getpid( <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=5168,
u64=140514150061104}} <unfinished ...>
     [pid 9956] <... getpid resumed>)
                                      = 9955
     [pid 9950] <... getpid resumed>)
                                         = 9950
     [pid 9956] read(8, <unfinished ...>
     [pid 9954] <... epoll_ctl resumed>) = 0
     [pid 9956] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9950] write(4, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
     [pid 9954] sendto(10, "\1\0\0\20K", 6, 0, NULL, 0 <unfinished ...>
     [pid 9956] <... getpid resumed>) = 9955
     [pid 9950] <... write resumed>) = 8
[pid 9953] \leftarrow epoll wait resumed>[{events=EPOLLIN, data={u32=1038504544, u64=93837483987552}}], 256, -1) = 1
     [pid 9956] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9954] <... sendto resumed>)
[pid_{9952}] epoll_wait resumed>[{events=EPOLLIN, data={u32=3019901904, u64=140280946756560}}], 256, -1) = 1
     [pid 9950] getpid( <unfinished ...>
     [pid 9956] <... write resumed>)
     [pid 9954] epoll_ctl(7, EPOLL_CTL_DEL, 11, 0x7fcc000014c4 <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] recvfrom(10, <unfinished ...>
     [pid 9950] <... getpid resumed>) = 9950
[pid 9956] getpid( <unfinished ...>
     [pid 9954] <... epoll_ctl resumed>) = 0
     [pid 9953] <... getpid resumed>) = 9950
     [pid 9952] <... recvfrom resumed>"\1\0\0\20K", 8192, 0, NULL, NULL) = 6
     [pid 9950] getpid( <unfinished ...>
     [pid 9957] getpid( <unfinished ...>
     [pid 9956] <... getpid resumed>)
                                       = 9955
     [pid 9954] close(11 <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
     [pid 9950] <... getpid resumed>)
                                        = 9950
     [pid 9957] <... getpid resumed>) = 9955
     [pid 9956] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                         = 9950
     [pid 9952] <... getpid resumed>) = 9946
     [pid 9957] poll([\{fd=6, events=POLLIN\}], 1, 0 <unfinished ...>
     [pid 9956] <... poll resumed>)
                                        = 0 (Timeout)
     [pid 9954] <... close resumed>)
                                         = 0
     [pid 9953] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9952] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9950] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
                                    = 1 ([{fd=6, revents=POLLIN}])
     [pid 9957] <... poll resumed>)
```

```
[pid 9956] epoll_wait(5, <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9946] <... poll resumed>)
                                       = 1 ([{fd=8, revents=POLLIN}])
     [pid 9953] <... poll resumed>)
                                        = 1 ([{fd=4, revents=POLLIN}])
     [pid 9952] <... write resumed>)
                                         = 8
     [pid 9950] <... write resumed>)
                                        = 8
     [pid 9946] getpid( <unfinished ...>
     [pid 9957] getpid( <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                     = 9950
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9946] <... getpid resumed>)
                                        = 9946
     [pid 9957] <... getpid resumed>) = 9955
     [pid 9954] write(9, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9953] <... getpid resumed>)
     [pid 9950] getpid( <unfinished ...>
     [pid 9946] read(8, <unfinished ...>
     [pid 9957] read(6, <unfinished ...>
     [pid 9954] <... write resumed>)
     [pid 9953] read(4, <unfinished ...>
     [pid 9950] <... getpid resumed>)
                                       = 9950
     [pid 9946] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9957] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9954] getpid( <unfinished ...>
     [pid 9953] < ... read resumed>"\1\0\0\0\0\0\0\0\0", 8) = 8
     [pid 9946] getpid( <unfinished ...>
     [pid 9957] getpid( <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                       = 9950
     [pid 9950] poll([{fd=3, events=POLLIN}], 1, -1 <unfinished ...>
     [pid 9946] <... getpid resumed>)
                                        = 9946
     [pid 9957] <... getpid resumed>)
                                        = 9955
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
-1, 0[pid_ 9953] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE,
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9957] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9954] <... poll resumed>)
                                        = 0 (Timeout)
     [pid 9946] <... poll resumed>)
                                        = 0 (Timeout)
     [pid 9957] <... write resumed>)
[pid 9953] <... mmap resumed>)
                                          = 0x7fcbf8000000
     [pid 9946] write(1, "OK\n", 3 <unfinished ...>
     [pid 9957] epoll_ctl(7, EPOLL_CTL_DEL, 10, 0x7f33f40014340K
     <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9946] <... write resumed>)
     [pid 9957] <... epoll_ctl resumed>) = 0
     [pid 9956] <... getpid resumed>)
                                        = 9955
```

```
[pid 9953] munmap(0x7fcbfc000000, 67108864 <unfinished ...>
     [pid 9946] getpid( <unfinished ...>
     [pid 9957] close(10 <unfinished ...>
     [pid 9956] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
[pid 9946] <... getpid resumed>)
    [pid 9956] <... poll resumed>) = 1 ([{fd=8, revents=POLLIN}]) [pid 9953] <... munmap resumed>) = 0
     [pid 9946] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9957] <... close resumed>)
     [pid 9956] getpid( <unfinished ...>
pid 9954] epoll ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=5168,
u64=140514150061104}} <unfinished ...>
     [pid 9946] <... poll resumed>)
                                     = 0 (Timeout)
     [pid 9957] getpid( <unfinished ...>
     [pid 9956] <... getpid resumed>) = 9955
     [pid 9953] mprotect(0x7fcbf8000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>
     [pid 9946] getpid( <unfinished ...>
     [pid 9957] <... getpid resumed>)
                                    = 9955
     [pid 9956] read(8, <unfinished ...>
     [pid 9954] <... epoll ctl resumed>) = 0
     [pid 9946] <... getpid resumed>) = 9946
     [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9953] <... mprotect resumed>)
     [pid 9946] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
                                     = 0 (Timeout)
     [pid 9957] <... poll resumed>)
     [pid 9956] getpid( <unfinished ...>
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9946] <... write resumed>)
     [pid 9957] epoll_wait(7, <unfinished ...>
     [pid 9956] <... getpid resumed>)
pid 9953] epoll ctl(5, EPOLL CTL_ADD, 9, {events=0, data={u32=4160752496,
u64=140514015841136}} <unfinished ...>
[pid 9946] getpid( <unfinished ...>
     [pid 9956] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
[pid 9953] <... epoll_ctl resumed>) = 0
     [pid 9946] <... getpid resumed>)
                                       = 9946
     [pid 9956] <... poll resumed>) = 0 (Timeout)
     [pid 9954] recvfrom(12, <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
     [pid 9946] write(4, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9956] epoll_ctl(5, EPOLL_CTL_DEL, 8, 0x7f33ec000bb4 <unfinished ...>
     [pid 9954] <... recvfrom resumed>"", 8192, 0, NULL, NULL) = 0
pid 9953] epoll ctl(5, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=4160752496,
u64=140514015841136}} <unfinished ...>
     [pid 9946] <... write resumed>) = 8
```

```
[pid 9956] <... epoll_ctl resumed>) = 0
     [pid 9954] epoll_ctl(7, EPOLL_CTL_DEL, 12, 0x7fcc00008a24 <unfinished ...>
     [pid 9952] <... getpid resumed>) = 9946
[pid 9946] read(0, <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
     [pid 9954] <... epoll_ctl resumed>) = 0
     [pid 9953] <... epoll_ctl resumed>) = 0
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] <... getpid resumed>) = 9955
     [pid 9954] close(12 <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] getpid( <unfinished ...>
     [pid 9952] \langle \dots \text{ poll resumed} \rangle = 1 ([{fd=6, revents=POLLIN}])
     [pid 9956] write(4, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9953] <... getpid resumed>)
     [pid 9951] <... getpid resumed>)
                                          = 9946
     [pid 9956] <... write resumed>)
                                           = 8
     [pid 9954] <... close resumed>) = 0
     [pid 9953] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
     [pid 9951] getpid( <unfinished ...>
     [pid 9956] close(8 <unfinished ...>
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9953] <... write resumed>)
     [pid 9952] <... getpid resumed>)
                                          = 9946
                                          = 9946
     [pid 9951] <... getpid resumed>)
     [pid 9956] <... close resumed>)
[pid_{9954}] epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}], 256,-1) = 1
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] read(6, <unfinished ...>
     [pid 9956] epoll_wait(5, <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                       = 9950
     [pid 9951] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9952] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid 9956] = epoll wait resumed > [\{events = EPOLLIN, data = \{u32 = 1237283424, u64 = 94881359819360\}\}], 256, -1) = 1
     [pid 9954] <... getpid resumed>)
[pid 9953] epoll_ctl(5, EPOLL_CTL_ADD, 8, {events=0, data={u32=4160752528, u64=140514015841168}} <ur>
     [pid 9951] <... poll resumed>)
                                     = 1 ([{fd=4, revents=POLLIN}])
     [pid 9956] getpid( <unfinished ...>
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9953] <... epoll_ctl resumed>) = 0
     [pid 9952] epoll_ctl(7, EPOLL_CTL_DEL, 9, 0x7f95b4000b74 <unfinished ...>
     [pid 9956] <... getpid resumed>) = 9955
     [pid 9954] \langle \dots poll resumed\rangle = 1 ([{fd=6, revents=POLLIN}])
[pid 9953] epoll_ctl(5, EPOLL_CTL_MOD, 8, {events=EPOLLIN, data={u32=4160752528, u64=140514015841168}} cunfinished ...>
```

```
[pid 9951] getpid( <unfinished ...>
        [pid 9956] getpid( <unfinished ...>
        [pid 9954] getpid( <unfinished ...>
        [pid 9953] <... epoll_ctl resumed>)
                                                                      = 0
        [pid 9952] <... epoll_ctl resumed>) = 0
        [pid 9951] <... getpid resumed>)
                                                                   = 9946
        [pid 9956] <... getpid resumed>)
                                                                    = 9955
        [pid 9954] <... getpid resumed>)
                                                                    = 9950
        [pid 9953] getpid( <unfinished ...>
        [pid 9956] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
        [pid 9952] close(9 <unfinished ...>
        [pid 9954] read(6, <unfinished ...>
        [pid 9951] read(4, <unfinished ...>
        [pid 9956] <... poll resumed>)
                                                                    = 1 ([{fd=4, revents=POLLIN}])
        [pid 9954] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
        [pid 9953] <... getpid resumed>)
                                                                   = 9950
        [pid 9952] <... close resumed>)
                                                                    = 0
        [pid 9956] getpid( <unfinished ...>
        [pid 9954] getpid( <unfinished ...>
        [pid 9953] getpid( <unfinished ...>
        [pid 9951] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
        [pid 9956] <... getpid resumed>)
        [pid 9954] <... getpid resumed>)
                                                                    = 9950
        [pid 9953] <... getpid resumed>)
                                                                    = 9950
        [pid 9952] getpid( <unfinished ...>
        [pid 9956] read(4, <unfinished ...>
        [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
        [pid 9953] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
        [pid 9952] <... getpid resumed>)
                                                                 = 9946
-1, 0[pid 9951] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_NORESERVE,
        [pid 9956] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
        [pid 9954] <... poll resumed>)
                                                                   = 0 (Timeout)
        [pid 9953] <... poll resumed>)
                                                                    = 0 (Timeout)
        [pid 9952] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
        [pid 9956] getpid( <unfinished ...>
        [pid 9954] epoll_wait(7, <unfinished ...>
        [pid 9953] epoll_wait(5, <unfinished ...>
        [pid 9951] <... mmap resumed>)
                                                                = 0x7f95ac000000
        [pid 9952] <... write resumed>)
                                                                    = 8
        [pid 9956] <... getpid resumed>)
                                                                      = 9955
[pid 9953] { epoll wait resumed [{events=EPOLLIN, data={u32=4160752496 u64=140514015841136}}], epoll wait resumed [{events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752496}}], 256, -1) = [pid 9953] { events=EPOLLIN, data={u32=4160752496}}]
        [pid 9951] munmap(0x7f95b00000000, 67108864 <unfinished ...>
        [pid 9956] getpid( <unfinished ...>
        [pid 9953] getpid( <unfinished ...>
        [pid 9952] getpid( <unfinished ...>
        [pid 9956] <... getpid resumed>)
                                                                  = 9955
        [pid 9953] <... getpid resumed>)
                                                                    = 9950
        [pid 9956] write(3, "\1\0\0\0\0\0\0", 8 <unfinished ...>
```

```
[pid 9952] <... getpid resumed>)
                                         = 9946
     [pid 9951] <... munmap resumed>)
                                         = 0
     [pid 9956] <... write resumed>)
                                         = 8
                                     = 1 ([{fd=3, revents=POLLIN}])
     [pid 9955] <... poll resumed>)
     [pid 9953] poll([{fd=9, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] epoll_ctl(5, EPOLL_CTL_DEL, 4, 0x564b49bf7264 <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
     [pid 9953] <... poll resumed>) = 1 ([{fd=9, revents=POLLIN}])
     [pid 9951] mprotect(0x7f95ac000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>
     [pid 9956] <... epoll_ctl resumed>)
                                          = 0
     [pid 9955] <... getpid resumed>)
                                         = 9955
     [pid 9953] getpid( <unfinished ...>
                                      = 0 (Timeout)
     [pid 9952] <... poll resumed>)
     [pid 9956] getpid( <unfinished ...>
     [pid 9955] read(3, <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                        = 9950
     [pid 9951] <... mprotect resumed>)
                                         = 0
     [pid 9956] <... getpid resumed>) = 9955
     [pid 9955] < ... read resumed>"\1\0\0\0\0\0\0\0\0", 8) = 8
     [pid 9953] read(9, <unfinished ...>
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9956] getpid( <unfinished ...>
     [pid 9955] getpid( <unfinished ...>
     [pid 9953] < ... read resumed>"\1\0\0\0\0\0\0\0\", 8) = 8
[pid 9951] epoll ctl(5, EPOLL CTL_ADD, 8, {events=0, data={u32=2885684080, u64=140280812538736}} <urbox
     [pid 9956] <... getpid resumed>)
     [pid 9955] <... getpid resumed>)
                                         = 9955
     [pid 9953] getpid( <unfinished ...>
     [pid 9956] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9955] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9951] <... epoll_ctl resumed>) = 0
[pid 9956] <... poll resumed>)
                                         = 0 (Timeout)
     [pid 9955] <... write resumed>)
                                         = 8
     [pid 9953] <... getpid resumed>)
                                         = 9950
     [pid 9957] getpid( <unfinished ...>
pid 9951]_epoll_ctl(5, EPOLL_CTL_MOD, 8, {events=EPOLLIN, data={u32=2885684080,
u64=140280812538736}} <urfinished ...>
     [pid 9957] <... getpid resumed>) = 9955
     [pid 9956] rt_sigprocmask(SIG_BLOCK, ~[RT_1], <unfinished ...>
FUTEX_BITSET_MATCH_ANY (0x7f33f8bb5910, FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME, 9957, NULL,
     [pid 9953] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9956] <... rt_sigprocmask resumed>NULL, 8) = 0
     [pid 9951] <... epoll_ctl resumed>) = 0
     [pid 9957] <... poll resumed>)
                                     = 1 ([{fd=6, revents=POLLIN}])
     [pid 9956] madvise(0x7f33f8bb6000, 8368128, MADV_DONTNEED <unfinished ...>
```

```
[pid 9953] <... write resumed>)
    [pid 9957] getpid( <unfinished ...>
    [pid 9956] <... madvise resumed>)
                                        = 0
    [pid 9954] getpid( <unfinished ...>
    [pid 9951] getpid( <unfinished ...>
    [pid 9957] <... getpid resumed>)
                                       = 9955
    [pid 9956] exit(0 <unfinished ...>
    [pid 9954] <... getpid resumed>)
                                        = 9950
    [pid 9953] getpid( <unfinished ...>
    [pid 9957] read(6, <unfinished ...>
    [pid 9956] <... exit resumed>)
    [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
                                     = 9946
    [pid 9951] <... getpid resumed>)
    [pid 9957] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
                                    = 1 ([{fd=6, revents=POLLIN}])
    [pid 9954] <... poll resumed>)
    [pid 9953] <... getpid resumed>)
                                     = 9950
    [pid 9956] +++ exited with 0 +++
    [pid 9951] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
    [pid 9957] epoll_ctl(7, EPOLL_CTL_DEL, 6, 0x564b49bfc4a4 <unfinished ...>
    [pid 9954] getpid( <unfinished ...>
    [pid 9953] poll([{fd=9, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9957] <... epoll_ctl resumed>) = 0
     [pid 9954] <... getpid resumed>)
                                   = 9950
[pid 9951] <... write resumed>)
                                        = 8
    [pid 9957] getpid( <unfinished ...>
    [pid 9954] read(6, <unfinished ...>
    [pid 9953] <... poll resumed>)
                                        = 0 (Timeout)
    [pid 9952] getpid( <unfinished ...>
    [pid 9957] <... getpid resumed>)
                                      = 9955
    [pid 9954] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
    [pid 9953] getpid( <unfinished ...>
    [pid 9952] <... getpid resumed>)
                                        = 9946
    [pid 9951] getpid( <unfinished ...>
    [pid 9957] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9954] getpid( <unfinished ...>
    [pid 9953] <... getpid resumed>)
                                     = 9950
    [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9957] <... poll resumed>)
                                       = 0 (Timeout)
    [pid 9954] <... getpid resumed>)
                                       = 9950
    [pid 9953] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
    [pid 9951] <... getpid resumed>)
                                      = 9946
    [pid 9952] <... poll resumed>)
                                       = 1 ([{fd=6, revents=POLLIN}])
    [pid 9957] rt_sigprocmask(SIG_BLOCK, ~[RT_1], <unfinished ...>
     [pid 9954] write(9, "\1\0\0\0\0\0\0", 8 <unfinished ...>
    [pid 9953] <... poll resumed>)
                                      = 1 ([{fd=8, revents=POLLIN}])
     [pid 9951] getpid( <unfinished ...>
```

```
[pid 9957] <... rt_sigprocmask resumed>NULL, 8) = 0
     [pid 9954] <... write resumed>)
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
     [pid 9957] madvise(0x7f33f83b5000, 8368128, MADV_DONTNEED <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                           = 9950
     [pid 9951] <... getpid resumed>)
                                           = 9946
     [pid 9952] <... getpid resumed>)
                                           = 9946
     [pid 9957] <... madvise resumed>)
                                            = 0
     [pid 9954] <... getpid resumed>)
                                            = 9950
     [pid 9953] read(8, <unfinished ...>
     [pid 9951] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9952] read(6, <unfinished ...>
     [pid 9957] exit(0 <unfinished ...>
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9953] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9951] <... poll resumed>)
                                            = 0 (Timeout)
     [pid 9957] <... exit resumed>)
                                           = ?
     [pid 9954] <... poll resumed>)
                                        = 0 (Timeout)
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9957] +++ exited with 0 +++
     [pid 9955] <... futex resumed>)
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                       = 9950
     [pid 9952] getpid( <unfinished ...>
     [pid 9951] epoll_wait(5, <unfinished ...>
     [pid 9955] close(7 <unfinished ...>
     [pid 9953] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9952] <... getpid resumed>)
                                         = 9946
     [pid 9955] <... close resumed>)
                                            = 0
     [pid 9953] <... write resumed>) = 8
[pid 9951] epoll wait resumed>[{events=EPOLLIN, data={u32=2885684080, u64=140280812538736}}, 256, -1) = 1
     [pid 9955] close(6 <unfinished ...>
[pid_{954}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, u64=93837484008608}}], 256, -1) = 1
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9955] <... close resumed>)
     [pid 9954] getpid( <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                           = 9950
     [pid 9951] getpid( <unfinished ...>
     [pid 9955] close(5 <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                           = 9950
     [pid 9953] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9952] <... poll resumed>)
                                          = 0 (Timeout)
     [pid 9955] <... close resumed>)
                                          = 0
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
```

```
[pid 9953] \langle \dots \text{ poll resumed} \rangle = 0 (Timeout)
     [pid 9951] <... getpid resumed>)
                                         = 9946
     [pid 9955] close(4 <unfinished ...>
                                      = 1 ([{fd=6, revents=POLLIN}])
     [pid 9954] <... poll resumed>)
     [pid 9953] epoll_wait(5, <unfinished ...>
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9955] <... close resumed>)
     [pid 9954] getpid( <unfinished ...>
u64=140514015841136}}], epoll_wait resumed>[{events=EPOLLIN, data={u32=4160752496, 256, -1} = 1
     [pid 9951] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9955] close(3 <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                         = 9950
     [pid 9953] getpid( <unfinished ...>
     [pid 9955] <... close resumed>)
                                        = 0
     [pid 9951] <... poll resumed>)
                                         = 1 ([{fd=8, revents=POLLIN}])
     [pid 9954] read(6, <unfinished ...>
                                       = 9950
     [pid 9953] <... getpid resumed>)
     [pid 9951] getpid( <unfinished ...>
     [pid 9954] < ... read resumed>"\1\0\0\0\0\0\0\0\0", 8) = 8
     [pid 9953] poll([{fd=9, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
     [pid 9951] <... getpid resumed>)
                                       = 9946
     [pid 9954] <... getpid resumed>)
                                        = 9950
     [pid 9953] <... poll resumed>) = 1 ([{fd=9, revents=POLLIN}])
     [pid 9954] write(8, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9951] read(8, <unfinished ...>
     [pid 9954] <... write resumed>)
                                      = 8
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9954] epoll_ctl(7, EPOLL_CTL_DEL, 10, 0x7fcc00001434 <unfinished ...>
     [pid 9955] exit_group(0 <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                        = 9950
     [pid 9951] getpid( <unfinished ...>
     [pid 9955] <... exit_group resumed>) = ?
     [pid 9954] < \dots epoll_ctl resumed>) = 0
     [pid 9953] read(9, <unfinished ...>
     [pid 9951] <... getpid resumed>)
                                      = 9946
     [pid 9954] close(10 <unfinished ...>
     [pid 9953] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9951] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9954] <... close resumed>)
                                        = 0
     [pid 9953] getpid( <unfinished ...>
[pid 9954] getpid( <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                       = 9950
     [pid 9951] <... write resumed>)
                                         = 8
     [pid 9954] <... getpid resumed>) = 9950
     [pid 9953] poll([{fd=9, events=POLLIN}], 1, 0 <unfinished ...>
```

```
[pid 9952] recvfrom(10, <unfinished ...>
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9953] <... poll resumed>)
                                            = 0 (Timeout)
     [pid 9951] getpid( <unfinished ...>
     [pid 9954] <... poll resumed>)
                                        = 0 (Timeout)
     [pid 9953] epoll_ctl(5, EPOLL_CTL_DEL, 9, 0x7fcbf8000b74 <unfinished ...>
     [pid 9952] <... recvfrom resumed>"", 8192, 0, NULL, NULL) = 0
     [pid 9954] epoll_wait(7, <unfinished ...>
     [pid 9953] <... epoll_ctl resumed>) = 0
     [pid 9951] <... getpid resumed>) = 9946
     [pid 9952] epoll_ctl(7, EPOLL_CTL_DEL, 10, 0x7f95b4000bd4 <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                         = 9950
     [pid 9952] <... epoll_ctl resumed>) = 0
     [pid 9951] <... poll resumed>) = 0 (Timeout)
     [pid 9953] write(4, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9952] close(10 <unfinished ...>
     [pid 9951] epoll_wait(5, <unfinished ...>
     [pid 9953] <... write resumed>)
     [pid 9953] close(9 <unfinished ...>
     [pid 9952] <... close resumed>)
     [pid 9953] <... close resumed>) = 0
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9953] epoll_wait(5, <unfinished ...>
[pid_{9952}] epoll_wait_resumed>[{events=EPOLLIN, data={u32=1858470272, u64=94619988001152}}], 256, -1) = 1
[pid 9953] { epoll wait resumed [{events=EPOLLIN, data={u32=4160752528, u64=140514015841168}}, epoll wait resumed [{events=EPOLLIN, data={u32=4160752528, u64=93837483987552}}], 256,
     [pid 9952] getpid( <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] <... getpid resumed>)
                                          = 9946
     [pid 9955] +++ exited with 0 +++
     [pid 9953] <... getpid resumed>) = 9950
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
signa[pid 9950] <... poll resumed>)
                                       = ? ERESTART_RESTARTBLOCK (Interrupted by
     [pid 9952] <... poll resumed>) = 1 ([{fd=6, revents=POLLIN}])
[pid 9950] --- SIGCHLD {si_signo=SIGCHLD, si_code=CLD_EXITED, si_pid=9955, si_uid=1000, si_status=0, si_utime=0, si_stime=0}.
     [pid 9952] getpid( <unfinished ...>
     [pid 9953] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9952] <... getpid resumed>) = 9946
     [pid 9950] restart_syscall(<... resuming interrupted poll ...> <unfinished ...>
     [pid 9953] \langle \dots \text{ poll resumed} \rangle = 1 ([{fd=8, revents=POLLIN}])
     [pid 9952] read(6, <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] <... read resumed>"\1\0\0\0\0\0\0\0\", 8) = 8
     [pid 9953] <... getpid resumed>) = 9950
     [pid 9953] read(8, <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
```

```
[pid 9953] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9952] <... getpid resumed>)
     [pid 9953] getpid( <unfinished ...>
     [pid 9952] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9953] <... getpid resumed>)
     [pid 9953] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9952] <... write resumed>)
                                           = 8
     [pid 9953] <... poll resumed>)
                                        = 0 (Timeout)
[pid 9951] epoll wait resumed>[{events=EPOLLIN, data={u32=2885684080, u64=140280812538736}}]. 256-1) = 1
     [pid 9953] epoll_ctl(5, EPOLL_CTL_DEL, 8, 0x7fcbf8000b94 <unfinished ...>
     [pid 9952] getpid( <unfinished ...>
     [pid 9953] <... epoll_ctl resumed>)
                                            = 0
     [pid 9951] getpid( <unfinished ...>
     [pid 9952] <... getpid resumed>)
                                           = 9946
     [pid 9953] close(8 <unfinished ...>
     [pid 9951] <... getpid resumed>)
                                           = 9946
     [pid 9953] <... close resumed>)
     [pid 9952] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                          = 9950
     [pid 9952] <... poll resumed>)
                                           = 0 (Timeout)
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] <... poll resumed>)
                                          = 1 ([{fd=8, revents=POLLIN}])
     [pid 9953] <... getpid resumed>)
     [pid 9952] epoll_wait(7, <unfinished ...>
     [pid 9953] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9951] getpid( <unfinished ...>
     [pid 9953] <... poll resumed>)
                                          = 1 ([{fd=4, revents=POLLIN}])
     [pid 9951] <... getpid resumed>)
                                           = 9946
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] read(8, <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                        = 9950
     [pid 9951] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9953] read(4, "\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9951] getpid( <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] <... getpid resumed>)
                                          = 9946
     [pid 9953] <... getpid resumed>)
                                           = 9950
     [pid 9951] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] <... poll resumed>)
                                          = 0 (Timeout)
     [pid 9953] <... getpid resumed>)
                                          = 9950
     [pid 9951] epoll_ctl(5, EPOLL_CTL_DEL, 8, 0x7f95ac000b74 <unfinished ...>
     [pid 9953] getpid()
                                            = 9950
     [pid 9951] <... epoll_ctl resumed>)
                                           = 0
     [pid 9953] write(3, 1\0\0\0\0\0\0\, 8) = 8
     [pid 9951] getpid( <unfinished ...>
```

```
[pid 9950] <... restart_syscall resumed>) = 1
     [pid 9953] epoll_ctl(5, EPOLL_CTL_DEL, 4, 0x55583de65264 <unfinished ...>
     [pid 9951] <... getpid resumed>)
                                          = 9946
     [pid 9953] <... epoll_ctl resumed>)
                                          = 0
     [pid 9950] getpid( <unfinished ...>
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] write(4, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9953] <... getpid resumed>)
                                         = 9950
                                         = 9950
     [pid 9950] <... getpid resumed>)
     [pid 9953] getpid( <unfinished ...>
     [pid 9951] <... write resumed>)
                                          = 8
     [pid 9953] <... getpid resumed>)
                                         = 9950
     [pid 9950] read(3, <unfinished ...>
     [pid 9953] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9951] close(8 <unfinished ...>
     [pid 9950] < ... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
     [pid 9953] <... poll resumed>)
                                          = 0 (Timeout)
     [pid 9951] <... close resumed>)
                                          = 0
     [pid 9950] getpid( <unfinished ...>
     [pid 9953] rt_sigprocmask(SIG_BLOCK, ~[RT_1], <unfinished ...>
     [pid 9951] epoll_wait(5, <unfinished ...>
     [pid 9950] <... getpid resumed>)
     [pid 9953] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 9953] madvise(0x7fcc0784d000, 8368128, MADV DONTNEED <unfinished ...>
     [pid 9950] write(6, "\1\0\0\0\0\0\0", 8 <unfinished ...>
     [pid 9953] <... madvise resumed>)
     [pid 9951] getpid( <unfinished ...>
     [pid 9953] exit(0 <unfinished ...>
     [pid 9950] <... write resumed>)
u64=93837484008608}], epoll_wait_resumed>[{events=EPOLLIN, data={u32=1038525600, 256,-1} = 1
     [pid 9953] <... exit resumed>)
     [pid 9951] <... getpid resumed>)
                                          = 9946
     [pid 9954] getpid( <unfinished ...>
FUTEX_BITSET_MATCH_ANY (0x7fcc0784c910, FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME, 9954, NULL,
     [pid 9954] <... getpid resumed>)
                                          = 9950
     [pid 9953] +++ exited with 0 +++
     [pid 9951] getpid( <unfinished ...>
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9951] <... getpid resumed>)
                                          = 9946
     [pid 9954] <... poll resumed>)
                                     = 1 ([{fd=6, revents=POLLIN}])
     [pid 9951] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] getpid( <unfinished ...>
                                        = 1 ([{fd=4, revents=POLLIN}])
     [pid 9951] <... poll resumed>)
     [pid 9954] <... getpid resumed>)
     [pid 9951] getpid( <unfinished ...>
     [pid 9954] read(6, <unfinished ...>
                                     = 9946
     [pid 9951] <... getpid resumed>)
```

```
[pid 9951] read(4, <unfinished ...>
     [pid 9954] epoll_ctl(7, EPOLL_CTL_DEL, 6, 0x55583de6a4a4 <unfinished ...>
     [pid 9951] <... read resumed>"\1\0\0\0\0\0\0\0\", 8) = 8
     [pid 9954] <... epoll_ctl resumed>)
     [pid 9954] getpid( <unfinished ...>
     [pid 9951] getpid( <unfinished ...>
     [pid 9954] <... getpid resumed>)
                                         = 9950
     [pid 9951] <... getpid resumed>)
                                          = 9946
     [pid 9954] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9951] getpid( <unfinished ...>
                                       = 0 (Timeout)
     [pid 9954] <... poll resumed>)
     [pid 9951] <... getpid resumed>) = 9946
     [pid 9954] rt_sigprocmask(SIG_BLOCK, ~[RT_1], <unfinished ...>
     [pid 9951] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
     [pid 9954] <... rt_sigprocmask resumed>NULL, 8) = 0
     [pid 9951] <... poll resumed>)
                                       = 0 (Timeout)
     [pid 9954] madvise(0x7fcc0704c000, 8368128, MADV_DONTNEED <unfinished ...>
     [pid 9951] epoll_wait(5, <unfinished ...>
     [pid 9954] <... madvise resumed>)
                                            = 0
     [pid 9954] exit(0)
                                           = ?
     [pid 9954] +++ exited with 0 +++
     [pid 9950] <... futex resumed>)
                                          = 0
     [pid 9950] close(7)
                                           = 0
     [pid 9950] close(6)
                                            = 0
     [pid 9950] close(5)
                                           = 0
     [pid 9950] close(4)
                                            = 0
     [pid 9950] close(3)
                                            = 0
     [pid 9950] exit_group(0)
                                            = ;
     [pid 9950] +++ exited with 0 +++
[pid_ 9946] <... read resumed>0x560e6ec5fa10, 1024) = ? ERESTARTSYS (To be restarted if
si_uid=1000, si_status=0, si_utime=0, si_stime=0} = code=CLD_EXITED, si_pid=9950,
     [pid 9946] read(0, exit
     "exit\n", 1024)
     [pid 9946] lseek(0, -1, SEEK_CUR) = -1 ESPIPE (Недопустимая операция смещения)
     [pid 9946] exit_group(0)
                                           = ?
     [pid 9952] <... epoll_wait resumed> <unfinished ...>) = ?
     [pid 9951] <... epoll_wait resumed> <unfinished ...>) = ?
     [pid 9952] +++ exited with 0 +++
     [pid 9951] +++ exited with 0 +++
     +++ exited with 0 +++
```

[pid 9954] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8

## Вывод

В ходе выполнения лабораторной работы, я поработал с Zero MQ. В будущем мне это очень пригодится, так как уже ко второму курсу при выполнении промышленного проекта мне приходилось иметь дело с Rabbit MQ. Поэтому базовые знания очередей сообщений точно не помешают.