Московский Авиационный Институт

(Национальный Исследовательский Университет)

Институт №8 “Компьютерные науки и прикладная математика”

Кафедра №806 “Вычислительная математика и программирование”

Курсовая работа по курсу

«Операционные системы»

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Постановка задачи

На языке C\C++ написать программу, которая по конфигурационному файлу в формате json принимает спроектированный DAG джобов и проверяет на корректность:

- отсутствие циклов
- наличие только одной компоненты связности
- наличие стартовых и завершающих джоб

Структура описания джоб и их связей произвольная.

Общий метод и алгоритм решения

Использованные системные вызовы:

pid_t fork() - создание дочернего процесса

int execvp(const char *file, char *const argv[]) – замена памяти процесса

pid_t wait(int *status) - ожидание завершения дочернего процесса

Загрузить граф из файла в программу. Алгоритмом Кана проверить отсутствие циклов в графе. Алгоритмом BFS обхода графа проверить достижимость всех вершин из какой-то произвольной вершины.

В качестве теста работой будет выступать следующее: начальным вершинам будет выслано число 1, они умножат его на 2, все остальные складывают результаты родителей и умножают сумму 2

Если граф корректен, запускаем джобы на начальных вершинах, далее дожидаемся завершение какой-либо джобы и проверяем, можем ли теперь запустить какие-то ещё джобы. Периодически выводим результаты работы в консоль. Завершаем работу либо при ошибке в планировщике или джобе либо при завершении всех конечных джоб.

Код программы

graph.h

```
#pragma once

#include <map>
#include <vector>
#include <string>

class Graph
{
public:
   std::map<int, std::vector<int>> adj;
```

```
    void loadFromJson(const std::string &filename);

    void validateDAG() const;

    std::vector<int> findStartNodes() const;

    std::vector<int> findEndNodes() const;

    std::vector<int> getAllNodes() const;
};
```

message.h

```
#pragma once

#include <string>
#include <zmq.h>

bool send_string(void* socket, const std::string &s);
bool recv_string(void* socket, std::string &s);
```

graph.cpp

```
#include "../include/graph.h"

#include <fstream>
#include <queue>
#include <set>
#include <stdexcept>

#include <nlohmann/json.hpp>

using json = nlohmann::json;

void Graph::loadFromJson(const std::string &filename)
{
    std::ifstream f(filename);
    if (!f.is_open())
    {
```

```
        throw std::runtime_error("Cannot open file: " + filename);
    }

    json j;
    f >> j;

    for (auto it = j.begin(); it != j.end(); ++it)
    {
        int node = std::stoi(it.key());
        auto children = it.value();

        std::vector<int> vec;
        vec.reserve(children.size());
        for (const auto &ch : children) {
            vec.push_back(ch.get<int>());
        }
        adj[node] = vec;
    }
}


void Graph::validateDAG() const
{
    std::vector<int> nodes = getAllNodes();

    if(nodes.empty())
    {
        throw std::runtime_error("Graph is empty");
    }


    //проверка на циклы
    std::map<int,int> inDeg;
    for (int n : nodes)
    {
        inDeg[n] = 0;
    }
```

```
for (auto &kv : adj)
{
    for (int c : kv.second)
    {
        inDeg[c]++;
    }
}

std::queue<int> q;
for (auto &p : inDeg)
{
    if (p.second == 0)
    {
        q.push(p.first);
    }
}

int visitedCount = 0;
while (!q.empty())
{
    int u = q.front();
    q.pop();
    visitedCount++;

    auto it = adj.find(u);
    if (it != adj.end())
    {
        for (int c : it->second)
        {
            inDeg[c]--;
            if (inDeg[c] == 0)
            {
                q.push(c);
            }
        }
```

```
    }
}

if (visitedCount != (int)nodes.size())
{
    throw std::runtime_error("Graph has a cycle => not a DAG.");
}

//проверка на компоненту связности
std::map<int, std::vector<int>> undirected;
for(int n : nodes)
{
    undirected[n] = {};
}

for(const auto &kv : adj)
{
    int u = kv.first;
    for(int v : kv.second)
    {
        undirected[u].push_back(v);
        undirected[v].push_back(u);
    }
}

int start = *nodes.begin();

std::set<int> visited;

std::queue<int> qq;
visited.insert(start);
qq.push(start);
while(!qq.empty()) {
    int u = qq.front();
    qq.pop();
    for(int nei : undirected[u]) {
        if(!visited.count(nei)) {
```

```
            visited.insert(nei);
            qq.push(nei);
        }
    }
}


    if (visited.size() != nodes.size())
    {
        throw std::runtime_error( "Graph has more than one connectivity component");
    }
}


std::vector<int> Graph::findStartNodes() const
{
    std::vector<int> nodes = getAllNodes();

    std::map<int,int> inDeg;
    for (int n : nodes) {
        inDeg[n] = 0;
    }
    for (auto &kv : adj)
    {
        for (int c : kv.second)
        {
            inDeg[c]++;
        }
    }

    std::vector<int> starts;
    for (auto &x : inDeg)
    {
        if (x.second == 0)
        {
            starts.push_back(x.first);
        }
```

```
    }
    return starts;
}


std::vector<int> Graph::findEndNodes() const
{
    std::vector<int> nodes = getAllNodes();
    std::vector<int> ends;

    for (int n : nodes)
    {
        auto it = adj.find(n);
        if (it->second.empty())
        {
            ends.push_back(n);
        }
    }
    return ends;
}


std::vector<int> Graph::getAllNodes() const
{
    std::vector<int> out;
    out.reserve(adj.size());
    for (auto &kv : adj)
    {
        out.push_back(kv.first);
    }
    return out;
}
```

message.cpp

```
#include "../include/message.h"
#include <cstring>

bool send_string(void* socket, const std::string &s)
```

```
{
    zmq_msg_t msg;
    zmq_msg_init_size(&msg, s.size());
    memcpy(zmq_msg_data(&msg), s.data(), s.size());
    int rc = zmq_msg_send(&msg, socket, 0);
    zmq_msg_close(&msg);
    return (rc != -1);
}

bool recv_string(void* socket, std::string &s)
{
    zmq_msg_t msg;
    zmq_msg_init(&msg);
    int rc = zmq_msg_recv(&msg, socket, 0);
    if(rc == -1)
    {
        zmq_msg_close(&msg);
        return false;
    }
    s.assign((char*)zmq_msg_data(&msg), zmq_msg_size(&msg));
    zmq_msg_close(&msg);
    return true;
}
```

job.cpp

```
#include <string>
#include <thread>

#include "../include/message.h"

int main(int argc, char* argv[])
{
    if(argc < 2)
    {
        return 1;
    }
    std::string address = argv[1];
```

```
    void* ctx = zmq_ctx_new();
    if(!ctx)
    {
        return 1;
    }
    void* sock = zmq_socket(ctx, ZMQ_DEALER);
    if(!sock)
    {
        zmq_ctx_destroy(ctx);
        return 1;
    }
    if(zmq_connect(sock, address.c_str()) != 0)
    {
        zmq_close(sock);
        zmq_ctx_destroy(ctx);
        return 1;
    }

    std::string inputStr;
    if(!recv_string(sock, inputStr))
    {
        zmq_close(sock);
        zmq_ctx_destroy(ctx);
        return 1;
    }
    int val = std::stoi(inputStr);

    std::this_thread::sleep_for(std::chrono::seconds(2));
    int result = val * 2;

    std::string out = std::to_string(result);
    send_string(sock, out);

    zmq_close(sock);
    zmq_ctx_destroy(ctx);
    return 0;
}
```

scheduler.cpp

```
#include <iostream>
#include <string>
#include <unordered_map>
#include <vector>
#include <sys/wait.h>
#include <unistd.h>
#include <algorithm>
#include <cstdlib>

#include <zmq.h>

#include "../include/graph.h"
#include "../include/message.h"



struct NodeInfo
{
   bool started = false;
   pid_t pid = -1;
   void* sock = nullptr;
};

static std::vector<pid_t> g_allPids;



static void failAndExit(const std::string &msg, void* context)
{
   std::cerr << "ERROR: " << msg << "\n";

   for (pid_t pid : g_allPids)
   {
      kill(pid, SIGTERM);
   }
   g_allPids.clear();

   if (context)
```

```
    {
        zmq_ctx_destroy(context);
    }
    exit(1);
}


int main(int argc, char* argv[])
{
    if(argc < 2) {
        std::cerr << "Usage: " << argv[0] << " <dag_json_file>\n";
        return 1;
    }
    std::string dagFile = argv[1];

    Graph graph;

    try
    {
        graph.loadFromJson(dagFile);
        graph.validateDAG();
    }
    catch(const std::exception &ex)
    {
        std::cerr << "DAG Error: " << ex.what() << "\n";
        return 1;
    }

    auto startNodes = graph.findStartNodes();
    auto endNodes   = graph.findEndNodes();
    auto allNodes   = graph.getAllNodes();

    std::unordered_map<int,int> parentCount;
    std::unordered_map<int,int> results;
    for (int n : allNodes)
    {
        parentCount[n] = 0;
```

```
    results[n] = 0;
}

for (auto &kv : graph.adj)
{
    for (int c : kv.second)
    {
        parentCount[c]++;
    }
}

for (int s : startNodes)
{
    results[s] = 1;
}

void* context = zmq_ctx_new();
if (!context)
{
    std::cerr << "zmq_ctx_new failed\n";
    return 1;
}



std::unordered_map<int, NodeInfo> info;
for (int n : allNodes)
{
    info[n] = NodeInfo{};
}

auto launchReadyNodes = [&]()
{
    for (int n : allNodes)
    {
        if (!info[n].started && parentCount[n] == 0)
        {
            std::string addr = "tcp://127.0.0.1:" + std::to_string(5555 + n);
```

```
void* sock = zmq_socket(context, ZMQ_DEALER);
if (!sock)
{
    failAndExit("zmq_socket failed for node " + std::to_string(n), context);
}

if (zmq_bind(sock, addr.c_str()) != 0)
{
    zmq_close(sock);
    failAndExit("zmq_bind(" + addr + ") failed", context);
}

pid_t pid = fork();
if (pid < 0)
{
    zmq_close(sock);
    failAndExit("fork() failed for node " + std::to_string(n), context);
}
if (pid == 0)
{
    char* args[3];
    args[0] = (char*)"./job";
    args[1] = (char*)addr.c_str();
    args[2] = nullptr;

    execvp(args[0], args);
    exit(1);
}

g_allPids.push_back(pid);
info[n].started = true;
info[n].pid = pid;
info[n].sock = sock;

int val = results[n];
std::cout << "Launch job " << n << " (pid=" << pid << "), input=" << val << "\n";
```

```
            if (!send_string(sock, std::to_string(val)))
            {
                failAndExit("fail to send input to node " + std::to_string(n), context);
            }
        }
    }
};

launchReadyNodes();

int finishedEndCount = 0;
int totalEnds = (int)endNodes.size();
bool done = false;

while (!done)
{
    int status = 0;
    pid_t w = wait(&status);
    if (w == -1)
    {
        failAndExit("wait() failed", context);
    }

    int nodeFinished = -1;
    for (int n : allNodes)
    {
        if (info[n].pid == w)
        {
            nodeFinished = n;
            break;
        }
    }

    if (!WIFEXITED(status) || (WEXITSTATUS(status) != 0))
    {
        failAndExit("Node " + std::to_string(nodeFinished) +
```

```
                " (pid=" + std::to_string(w) + ") exited with error", context);
    }

    std::string rstr;
    if (!recv_string(info[nodeFinished].sock, rstr)) {
        failAndExit("Cannot read result from node " + std::to_string(nodeFinished), context);
    }
    int val = std::stoi(rstr);

    zmq_close(info[nodeFinished].sock);
    info[nodeFinished].sock = nullptr;

    std::cout << "Node " << nodeFinished
              << " ended, result=" << val << "\n";

    if (std::find(endNodes.begin(), endNodes.end(), nodeFinished) != endNodes.end())
    {
        std::cout << "End node " << nodeFinished
                  << " => final result = " << val << "\n";
        finishedEndCount++;
        if (finishedEndCount == totalEnds)
        {
            done = true;
        }
    }

    for (int child : graph.adj[nodeFinished])
    {
        parentCount[child]--;
        results[child] += val;
    }

    if (!done)
    {
        launchReadyNodes();
    }
}
```

```
    std::cout << "All end nodes finished.\n";

    zmq_ctx_destroy(context);
    return 0;
}
```

Протокол работы программы

test1.json:

```
{
  "1": [2, 3],
  "2": [4],
  "3": [4],
  "4": []
}
```

```
luckyabatur@Luckyabatur:~/projects/OS_labs/CP$ ./run.sh
mkdir: cannot create directory ‘build’: File exists
-- Configuring done (0.0s)
-- Generating done (0.0s)
-- Build files have been written to: /home/luckyabatur/projects/OS_labs/CP/build
[ 57%] Built target scheduler
[100%] Built target job
Launch job 1 (pid=26897), input=1
Node 1 ended, result=2
Launch job 2 (pid=26900), input=2
Launch job 3 (pid=26903), input=2
Node 2 ended, result=4
Node 3 ended, result=4
Launch job 4 (pid=26961), input=8
Node 4 ended, result=16
End node 4 => final result = 16
All end nodes finished.
```

Strace:

```
luckyabatur@Luckyabatur:~/projects/OS_labs/CP/build$ strace -f ./scheduler ../test/test1.json
execve("./scheduler", ["./scheduler", "../test/test1.json"], 0x7ffe84ce29c0 /* 36 vars */) = 0
brk(NULL)                               = 0x560d5aeb8000
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x7f8fe10b5000
access("/etc/ld.so.preload", R_OK)      = -1 ENOENT (No such file or directory)
openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
fstat(3, {st_mode=S_IFREG|0644, st_size=24775, ...}) = 0
```

```
mmap(NULL, 24775, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f8fe10ae000
close(3)                                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=663584, ...}) = 0
mmap(NULL, 661336, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe100c000
mmap(0x7f8fe1025000, 425984, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x19000) = 0x7f8fe1025000
mmap(0x7f8fe108d000, 98304, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3,
0x81000) = 0x7f8fe108d000
mmap(0x7f8fe10a5000, 36864, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x99000) = 0x7f8fe10a5000
close(3)                                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libstdc++.so.6", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=2592224, ...}) = 0
mmap(NULL, 2609472, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0d8e000
mmap(0x7f8fe0e2b000, 1343488, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9d000) = 0x7f8fe0e2b000
mmap(0x7f8fe0f73000, 552960, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3,
0x1e5000) = 0x7f8fe0f73000
mmap(0x7f8fe0ffa000, 57344, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x26b000) = 0x7f8fe0ffa000
mmap(0x7f8fe1008000, 12608, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f8fe1008000
close(3)                                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgcc_s.so.1", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=183024, ...}) = 0
mmap(NULL, 185256, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0d60000
mmap(0x7f8fe0d64000, 147456, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f8fe0d64000
mmap(0x7f8fe0d88000, 16384, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3,
0x28000) = 0x7f8fe0d88000
mmap(0x7f8fe0d8c000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7f8fe0d8c000
close(3)                                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\220\243\2\0\0\0\0\0"..., 832) = 832
pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784
fstat(3, {st_mode=S_IFREG|0755, st_size=2125328, ...}) = 0
pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784
mmap(NULL, 2170256, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0b4e000
mmap(0x7f8fe0b76000, 1605632, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x28000) = 0x7f8fe0b76000
mmap(0x7f8fe0cfe000, 323584, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3,
0x1b0000) = 0x7f8fe0cfe000
mmap(0x7f8fe0d4d000, 24576, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1fe000) = 0x7f8fe0d4d000
mmap(0x7f8fe0d53000, 52624, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0d53000
close(3)                                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=80888, ...}) = 0
```

```
mmap(NULL, 86208, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0b38000
mmap(0x7f8fe0b3c000, 49152, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f8fe0b3c000
mmap(0x7f8fe0b48000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7f8fe0b48000
mmap(0x7f8fe0b4b000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x12000) = 0x7f8fe0b4b000
mmap(0x7f8fe0b4d000, 192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0b4d000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libsodium.so.23", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=355040, ...}) = 0
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0b36000
mmap(NULL, 353336, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0adf000
mmap(0x7f8fe0aeb000, 233472, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7f8fe0aeb000
mmap(0x7f8fe0b24000, 65536, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x45000) = 0x7f8fe0b24000
mmap(0x7f8fe0b34000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x55000) = 0x7f8fe0b34000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpgm-5.3.so.0", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=285568, ...}) = 0
mmap(NULL, 301040, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0a95000
mmap(0x7f8fe0a99000, 159744, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f8fe0a99000
mmap(0x7f8fe0ac0000, 102400, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7f8fe0ac0000
mmap(0x7f8fe0ad9000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x44000) = 0x7f8fe0ad9000
mmap(0x7f8fe0adb000, 14320, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0adb000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=366760, ...}) = 0
mmap(NULL, 1092032, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe098a000
mmap(0x7f8fe0993000, 274432, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7f8fe0993000
mmap(0x7f8fe09d6000, 45056, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4c000) = 0x7f8fe09d6000
mmap(0x7f8fe09e1000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x56000) = 0x7f8fe09e1000
mmap(0x7f8fe09e5000, 719296, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f8fe09e5000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=338696, ...}) = 0
mmap(NULL, 341080, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0936000
mmap(0x7f8fe0942000, 237568, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7f8fe0942000
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mmap(0x7f8fe097c000, 40960, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x46000) = 0x7f8fe097c000
mmap(0x7f8fe0986000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4f000) = 0x7f8fe0986000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=952616, ...}) = 0
mmap(NULL, 950296, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe084d000
mmap(0x7f8fe085d000, 520192, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7f8fe085d000
mmap(0x7f8fe08dc000, 360448, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x8f000) = 0x7f8fe08dc000
mmap(0x7f8fe0934000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xe7000) = 0x7f8fe0934000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libmd.so.0", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=55536, ...}) = 0
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f8fe084b000
mmap(NULL, 57448, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe083c000
mmap(0x7f8fe083e000, 36864, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f8fe083e000
mmap(0x7f8fe0847000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xb000) = 0x7f8fe0847000
mmap(0x7f8fe0849000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7f8fe0849000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=823488, ...}) = 0
mmap(NULL, 822032, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0773000
mmap(0x7f8fe0793000, 397312, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x20000) = 0x7f8fe0793000
mmap(0x7f8fe07f4000, 233472, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x81000) = 0x7f8fe07f4000
mmap(0x7f8fe082d000, 61440, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xba000) = 0x7f8fe082d000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libk5crypto.so.3", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=178648, ...}) = 0
mmap(NULL, 176392, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0747000
mmap(0x7f8fe074b000, 110592, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f8fe074b000
mmap(0x7f8fe0766000, 45056, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1f000) = 0x7f8fe0766000
mmap(0x7f8fe0771000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2a000) = 0x7f8fe0771000
close(3) = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libcom_err.so.2", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=18504, ...}) = 0
mmap(NULL, 20552, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0741000
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mmap(0x7f8fe0743000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f8fe0743000
mmap(0x7f8fe0744000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f8fe0744000
mmap(0x7f8fe0745000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f8fe0745000
close(3)                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5support.so.0", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=47904, ...}) = 0
mmap(NULL, 50128, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0734000
mmap(0x7f8fe0737000, 24576, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f8fe0737000
mmap(0x7f8fe073d000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7f8fe073d000
mmap(0x7f8fe073f000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa000) = 0x7f8fe073f000
close(3)                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkeyutils.so.1", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=22600, ...}) = 0
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0732000
mmap(NULL, 24592, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe072b000
mmap(0x7f8fe072d000, 8192, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7f8fe072d000
mmap(0x7f8fe072f000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f8fe072f000
mmap(0x7f8fe0730000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7f8fe0730000
close(3)                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libresolv.so.2", O_RDONLY|O_CLOEXEC) = 3
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
fstat(3, {st_mode=S_IFREG|0644, st_size=68104, ...}) = 0
mmap(NULL, 75912, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f8fe0718000
mmap(0x7f8fe071b000, 40960, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7f8fe071b000
mmap(0x7f8fe0725000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xd000) = 0x7f8fe0725000
mmap(0x7f8fe0727000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xf000) = 0x7f8fe0727000
mmap(0x7f8fe0729000, 6280, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0729000
close(3)                = 0
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0716000
mmap(NULL, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0713000
arch_prctl(ARCH_SET_FS, 0x7f8fe07139c0) = 0
set_tid_address(0x7f8fe0713c90)         = 26980
set_robust_list(0x7f8fe0713ca0, 24)     = 0
rseq(0x7f8fe07142e0, 0x20, 0, 0x53053053) = 0
mprotect(0x7f8fe0d4d000, 16384, PROT_READ) = 0
mprotect(0x7f8fe0727000, 4096, PROT_READ) = 0
mprotect(0x7f8fe0730000, 4096, PROT_READ) = 0
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mprotect(0x7f8fe073f000, 4096, PROT_READ) = 0
mprotect(0x7f8fe0745000, 4096, PROT_READ) = 0
mprotect(0x7f8fe0771000, 4096, PROT_READ) = 0
mprotect(0x7f8fe082d000, 53248, PROT_READ) = 0
mprotect(0x7f8fe0849000, 4096, PROT_READ) = 0
mprotect(0x7f8fe0934000, 4096, PROT_READ) = 0
mprotect(0x7f8fe0986000, 8192, PROT_READ) = 0
mprotect(0x7f8fe0d8c000, 4096, PROT_READ) = 0
mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f8fe0711000
mprotect(0x7f8fe0ffa000, 45056, PROT_READ) = 0
mprotect(0x7f8fe09e1000, 12288, PROT_READ) = 0
mprotect(0x7f8fe0ad9000, 4096, PROT_READ) = 0
mprotect(0x7f8fe0b34000, 4096, PROT_READ) = 0
mprotect(0x7f8fe0b4b000, 4096, PROT_READ) = 0
mprotect(0x7f8fe10a5000, 32768, PROT_READ) = 0
mprotect(0x560d59d0a000, 4096, PROT_READ) = 0
mprotect(0x7f8fe10ed000, 8192, PROT_READ) = 0
prlimit64(0, RLIMIT_STACK, NULL, {rlim_cur=8192*1024, rlim_max=RLIM64_INFINITY}) = 0
munmap(0x7f8fe10ae000, 24775)           = 0
futex(0x7f8fe10087bc, FUTEX_WAKE_PRIVATE, 2147483647) = 0
getrandom("\x6c\x2b\x0d\xac\xfc\x96\xf4\xd8", 8, GRND_NONBLOCK) = 8
brk(NULL)                               = 0x560d5aeb8000
brk(0x560d5aed9000)                     = 0x560d5aed9000
openat(AT_FDCWD, "../test/test1.json", O_RDONLY) = 3
read(3, "{\n  \"1\": [2, 3],\n  \"2\": [4],\n  \""..., 8191) = 52
close(3)                                = 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/possible", O_RDONLY|O_CLOEXEC) = 3
read(3, "0-11\n", 1024)                 = 5
close(3)                                = 0
getpid()                                = 26980
sched_getaffinity(26980, 128, [0 1 2 3 4 5 6 7 8 9 10 11]) = 32
newfstatat(AT_FDCWD, "/etc/nsswitch.conf", {st_mode=S_IFREG|0644, st_size=526, ...}, 0) = 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
fstat(3, {st_mode=S_IFREG|0644, st_size=526, ...}) = 0
read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 526
read(3, "", 4096)                       = 0
fstat(3, {st_mode=S_IFREG|0644, st_size=526, ...}) = 0
close(3)                                = 0
openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
fstat(3, {st_mode=S_IFREG|0644, st_size=24775, ...}) = 0
mmap(NULL, 24775, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f8fe10ae000
close(3)                                = 0
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/", 0x7ffd610a3c30, 0) = -1 ENOENT (No such file or directory)
openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/", 0x7ffd610a3c30, 0) = -1 ENOENT (No such file or directory)
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openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/", {st_mode=S_IFDIR|0755, st_size=36864, ...}, 0) = 0
openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/", 0x7ffd610a3c30, 0) = -1 ENOENT (No such file or directory)
openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/", 0x7ffd610a3c30, 0) = -1 ENOENT (No such file or directory)
openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/", {st_mode=S_IFDIR|0755, st_size=36864, ...}, 0) = 0
openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/", 0x7ffd610a3c30, 0) = -1 ENOENT (No such file or directory)
openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/", 0x7ffd610a3c30, 0) = -1 ENOENT (No such file or directory)
openat(AT_FDCWD, "/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/lib/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/", 0x7ffd610a3c30, 0) = -1 ENOENT (No such file or directory)
openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/", 0x7ffd610a3c30, 0) = -1 ENOENT (No such file or directory)
openat(AT_FDCWD, "/usr/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
newfstatat(AT_FDCWD, "/usr/lib/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
munmap(0x7f8fe10ae000, 24775)           = 0
openat(AT_FDCWD, "/etc/protocols", O_RDONLY|O_CLOEXEC) = 3
fstat(3, {st_mode=S_IFREG|0644, st_size=3144, ...}) = 0
lseek(3, 0, SEEK_SET)                   = 0
read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 3144
read(3, "", 4096)                       = 0
close(3)                                = 0
eventfd2(0, EFD_CLOEXEC)                = 3
fcntl(3, F_GETFL)                       = 0x2 (flags O_RDWR)
fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK)    = 0
fcntl(3, F_GETFL)                       = 0x802 (flags O_RDWR|O_NONBLOCK)
fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK)    = 0
getpid()                                = 26980
getpid()                                = 26980
getrandom("\x5f\x43\x1e\xb6\xe4\x8b\x5a\xa2\x40\x8c\xa2\xeb\xa1\xf5\x55\xf4", 16, 0) = 16
getrandom("\xa2\xbd\xb4\x4e\xd6\x9c\x80\xb6\x42\x1a\x9d\xe1\xc2\x43\xee\xb6", 16, 0) = 16
eventfd2(0, EFD_CLOEXEC)                = 4
fcntl(4, F_GETFL)                       = 0x2 (flags O_RDWR)
fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK)    = 0
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fcntl(4, F_GETFL)                       = 0x802 (flags O_RDWR|O_NONBLOCK)
fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK)    = 0
getpid()                                = 26980
epoll_create1(EPOLL_CLOEXEC)            = 5
epoll_ctl(5, EPOLL_CTL_ADD, 4, {events=0, data={u32=1525461152, u64=94615360024736}}) = 0
epoll_ctl(5, EPOLL_CTL_MOD, 4, {events=EPOLLIN, data={u32=1525461152, u64=94615360024736}})
= 0
getpid()                                = 26980
rt_sigaction(SIGRT_1,                   {sa_handler=0x7f8fe0be7530,             sa_mask=[],
sa_flags=SA_RESTORER|SA_ONSTACK|SA_RESTART|SA_SIGINFO,    sa_restorer=0x7f8fe0b93330},
NULL, 8) = 0
rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0
mmap(NULL,  8392704,  PROT_NONE,  MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK,  -1,  0)  =
0x7f8fdff10000
mprotect(0x7f8fdff11000, 8388608, PROT_READ|PROT_WRITE) = 0
rt_sigprocmask(SIG_BLOCK, ~[], [QUIT], 8) = 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE
_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID,
child_tid=0x7f8fe0710990,       parent_tid=0x7f8fe0710990,       exit_signal=0,       stack=0x7f8fdff10000,
stack_size=0x7ffd00, tls=0x7f8fe07106c0}strace: Process 26981 attached
 => {parent_tid=[26981]}, 88) = 26981
[pid 26980] rt_sigprocmask(SIG_SETMASK, [QUIT],  <unfinished ...>
[pid 26981] rseq(0x7f8fe0710fe0, 0x20, 0, 0x53053053 <unfinished ...>
[pid 26980] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 26981] <... rseq resumed>)         = 0
[pid 26980] eventfd2(0, EFD_CLOEXEC <unfinished ...>
[pid 26981] set_robust_list(0x7f8fe07109a0, 24 <unfinished ...>
[pid 26980] <... eventfd2 resumed>)     = 6
[pid 26981] <... set_robust_list resumed>) = 0
[pid 26980] fcntl(6, F_GETFL <unfinished ...>
[pid 26981] rt_sigprocmask(SIG_SETMASK, [QUIT],  <unfinished ...>
[pid 26980] <... fcntl resumed>)        = 0x2 (flags O_RDWR)
[pid 26981] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 26980] fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26981] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1],  <unfinished ...>
[pid 26980] fcntl(6, F_GETFL <unfinished ...>
[pid 26981] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 26980] <... fcntl resumed>)        = 0x802 (flags O_RDWR|O_NONBLOCK)
[pid 26981] sched_getparam(26981,  <unfinished ...>
[pid 26980] fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
[pid 26981] <... sched_getparam resumed>[0]) = 0
[pid 26980] <... fcntl resumed>)        = 0
[pid 26981] sched_getscheduler(26981 <unfinished ...>
[pid 26980] getpid( <unfinished ...>
[pid 26981] <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
[pid 26980] <... getpid resumed>)       = 26980
[pid 26981] sched_setscheduler(26981, SCHED_OTHER, [0] <unfinished ...>
[pid 26980] epoll_create1(EPOLL_CLOEXEC <unfinished ...>
[pid 26981] <... sched_setscheduler resumed>) = 0
[pid 26980] <... epoll_create1 resumed>) = 7
[pid 26981] prctl(PR_SET_NAME, "ZMQbg/Reaper" <unfinished ...>
[pid     26980]     epoll_ctl(7,     EPOLL_CTL_ADD,     6,     {events=0,     data={u32=1525466624,
u64=94615360030208}} <unfinished ...>
[pid 26981] <... prctl resumed>)        = 0
[pid 26980] <... epoll_ctl resumed>)    = 0
```

[pid 26981] epoll_wait(5, <unfinished ...>
[pid 26980] epoll_ctl(7, EPOLL_CTL_MOD, 6, {events=EPOLLIN, data={u32=1525466624, u64=94615360030208}}) = 0
[pid 26980] mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f8fdf70f000
[pid 26980] mprotect(0x7f8fdf710000, 8388608, PROT_READ|PROT_WRITE) = 0
[pid 26980] rt_sigprocmask(SIG_BLOCK, ~[], [QUIT], 8) = 0
[pid 26980] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID, child_tid=0x7f8fdff0f990, parent_tid=0x7f8fdff0f990, exit_signal=0, stack=0x7f8fdf70f000, stack_size=0x7ffd00, tls=0x7f8fdff0f6c0}strace: Process 26982 attached
 => {parent_tid=[26982]}, 88) = 26982
[pid 26980] rt_sigprocmask(SIG_SETMASK, [QUIT], <unfinished ...>
[pid 26982] rseq(0x7f8fdff0ffe0, 0x20, 0, 0x53053053 <unfinished ...>
[pid 26980] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 26982] <... rseq resumed>) = 0
[pid 26980] eventfd2(0, EFD_CLOEXEC <unfinished ...>
[pid 26982] set_robust_list(0x7f8fdff0f9a0, 24 <unfinished ...>
[pid 26980] <... eventfd2 resumed>) = 8
[pid 26982] <... set_robust_list resumed>) = 0
[pid 26982] rt_sigprocmask(SIG_SETMASK, [QUIT], NULL, 8) = 0
[pid 26982] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], NULL, 8) = 0
[pid 26982] sched_getparam(26982, [0]) = 0
[pid 26982] sched_getscheduler(26982) = 0 (SCHED_OTHER)
[pid 26980] fcntl(8, F_GETFL <unfinished ...>
[pid 26982] sched_setscheduler(26982, SCHED_OTHER, [0]) = 0
[pid 26982] prctl(PR_SET_NAME, "ZMQbg/IO/0") = 0
[pid 26982] epoll_wait(7, <unfinished ...>
[pid 26980] <... fcntl resumed>) = 0x2 (flags O_RDWR)
[pid 26980] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26980] fcntl(8, F_GETFL) = 0x802 (flags O_RDWR|O_NONBLOCK)
[pid 26980] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26980] getpid() = 26980
[pid 26980] getpid() = 26980
[pid 26980] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26980] socket(AF_NETLINK, SOCK_RAW|SOCK_CLOEXEC, NETLINK_ROUTE) = 9
[pid 26980] bind(9, {sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, 12) = 0
[pid 26980] getsockname(9, {sa_family=AF_NETLINK, nl_pid=26980, nl_groups=00000000}, [12]) = 0
[pid 26980] sendto(9, [{nlmsg_len=20, nlmsg_type=RTM_GETLINK, nlmsg_flags=NLM_F_REQUEST|NLM_F_DUMP, nlmsg_seq=1741819812, nlmsg_pid=0}, {ifi_family=AF_UNSPEC, ...}], 20, 0, {sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, 12) = 20
[pid 26980] recvmsg(9, {msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, msg_namelen=12, msg_iov=[{iov_base=[[{nlmsg_len=1348, nlmsg_type=RTM_NEWLINK, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819812, nlmsg_pid=26980}, {ifi_family=AF_UNSPEC, ifi_type=ARPHRD_LOOPBACK, ifi_index=if_nametoindex("lo"), ifi_flags=IFF_UP|IFF_LOOPBACK|IFF_RUNNING|IFF_LOWER_UP, ifi_change=0}, [[{nla_len=7, nla_type=IFLA_IFNAME}, "lo"], [{nla_len=8, nla_type=IFLA_TXQLEN}, 1000], [{nla_len=5, nla_type=IFLA_OPERSTATE}, 0], [{nla_len=5, nla_type=IFLA_LINKMODE}, 0], [{nla_len=8, nla_type=IFLA_MTU}, 65536], [{nla_len=8, nla_type=IFLA_MIN_MTU}, 0], [{nla_len=8, nla_type=IFLA_MAX_MTU}, 0], [{nla_len=8, nla_type=IFLA_GROUP}, 0], [{nla_len=8, nla_type=IFLA_PROMISCUITY}, 0], [{nla_len=8, nla_type=IFLA_NUM_TX_QUEUES}, 1], [{nla_len=8, nla_type=IFLA_GSO_MAX_SEGS}, 65535], [{nla_len=8, nla_type=IFLA_GSO_MAX_SIZE}, 65536], [{nla_len=8, nla_type=IFLA_NUM_RX_QUEUES}, 1], [{nla_len=5, nla_type=IFLA_CARRIER}, 1],

[{nla_len=12, nla_type=IFLA_QDISC}, "noqueue"], [{nla_len=8, nla_type=IFLA_CARRIER_CHANGES}, 0], [{nla_len=8, nla_type=IFLA_CARRIER_UP_COUNT}, 0], [{nla_len=8, nla_type=IFLA_CARRIER_DOWN_COUNT}, 0], [{nla_len=5, nla_type=IFLA_PROTO_DOWN}, 0], [{nla_len=36, nla_type=IFLA_MAP}, {mem_start=0, mem_end=0, base_addr=0, irq=0, dma=0, port=0}], [{nla_len=10, nla_type=IFLA_ADDRESS}, 00:00:00:00:00:00], [{nla_len=10, nla_type=IFLA_BROADCAST}, 00:00:00:00:00:00], [{nla_len=196, nla_type=IFLA_STATS64}, {rx_packets=1070955, tx_packets=1070955, rx_bytes=169286947, tx_bytes=169286947, rx_errors=0, tx_errors=0, rx_dropped=0, tx_dropped=0, multicast=0, collisions=0, rx_length_errors=0, rx_over_errors=0, rx_crc_errors=0, rx_frame_errors=0, rx_fifo_errors=0, rx_missed_errors=0, tx_aborted_errors=0, tx_carrier_errors=0, tx_fifo_errors=0, tx_heartbeat_errors=0, tx_window_errors=0, rx_compressed=0, tx_compressed=0, rx_nohandler=0}], [{nla_len=100, nla_type=IFLA_STATS}, {rx_packets=1070955, tx_packets=1070955, rx_bytes=169286947, tx_bytes=169286947, rx_errors=0, tx_errors=0, rx_dropped=0, tx_dropped=0, multicast=0, collisions=0, rx_length_errors=0, rx_over_errors=0, rx_crc_errors=0, rx_frame_errors=0, rx_fifo_errors=0, rx_missed_errors=0, tx_aborted_errors=0, tx_carrier_errors=0, tx_fifo_errors=0, tx_heartbeat_errors=0, tx_window_errors=0, rx_compressed=0, tx_compressed=0, rx_nohandler=0}], [{nla_len=12, nla_type=IFLA_XDP}, [{nla_len=5, nla_type=IFLA_XDP_ATTACHED}, XDP_ATTACHED_NONE]], [{nla_len=792, nla_type=IFLA_AF_SPEC}, [[{nla_len=136, nla_type=AF_INET}, [{nla_len=132, nla_type=IFLA_INET_CONF}, [[IPV4_DEVCONF_FORWARDING-1]=0, [IPV4_DEVCONF_MC_FORWARDING-1]=0, [IPV4_DEVCONF_PROXY_ARP-1]=0, [IPV4_DEVCONF_ACCEPT_REDIRECTS-1]=1, [IPV4_DEVCONF_SECURE_REDIRECTS-1]=1, [IPV4_DEVCONF_SEND_REDIRECTS-1]=1, [IPV4_DEVCONF_SHARED_MEDIA-1]=1, [IPV4_DEVCONF_RP_FILTER-1]=0, [IPV4_DEVCONF_ACCEPT_SOURCE_ROUTE-1]=1, [IPV4_DEVCONF_BOOTP_RELAY-1]=0, [IPV4_DEVCONF_LOG_MARTIANS-1]=0, [IPV4_DEVCONF_TAG-1]=0, [IPV4_DEVCONF_ARPFILTER-1]=0, [IPV4_DEVCONF_MEDIUM_ID-1]=0, [IPV4_DEVCONF_NOXFRM-1]=1, [IPV4_DEVCONF_NOPOLICY-1]=1, [IPV4_DEVCONF_FORCE_IGMP_VERSION-1]=0, [IPV4_DEVCONF_ARP_ANNOUNCE-1]=0, [IPV4_DEVCONF_ARP_IGNORE-1]=0, [IPV4_DEVCONF_PROMOTE_SECONDARIES-1]=0, [IPV4_DEVCONF_ARP_ACCEPT-1]=0, [IPV4_DEVCONF_ARP_NOTIFY-1]=0, [IPV4_DEVCONF_ACCEPT_LOCAL-1]=0, [IPV4_DEVCONF_SRC_VMARK-1]=0, [IPV4_DEVCONF_PROXY_ARP_PVLAN-1]=0, [IPV4_DEVCONF_ROUTE_LOCALNET-1]=0, [IPV4_DEVCONF_IGMPV2_UNSOLICITED_REPORT_INTERVAL-1]=10000, [IPV4_DEVCONF_IGMPV3_UNSOLICITED_REPORT_INTERVAL-1]=1000, [IPV4_DEVCONF_IGNORE_ROUTES_WITH_LINKDOWN-1]=0, [IPV4_DEVCONF_DROP_UNICAST_IN_L2_MULTICAST-1]=0, [IPV4_DEVCONF_DROP_GRATUITOUS_ARP-1]=0, [IPV4_DEVCONF_BC_FORWARDING-1]=0]]], [{nla_len=652, nla_type=AF_INET6}, [[{nla_len=8, nla_type=IFLA_INET6_FLAGS}, IF_READY], [{nla_len=20, nla_type=IFLA_INET6_CACHEINFO}, {max_reasm_len=65535, tstamp=44, reachable_time=30060, retrans_time=1000}], [{nla_len=240, nla_type=IFLA_INET6_CONF}, [[DEVCONF_FORWARDING]=0, [DEVCONF_HOPLIMIT]=64, [DEVCONF_MTU6]=65536, [DEVCONF_ACCEPT_RA]=1, [DEVCONF_ACCEPT_REDIRECTS]=1, [DEVCONF_AUTOCONF]=1, [DEVCONF_DAD_TRANSMITS]=1, [DEVCONF_RTR_SOLICITS]=-1, [DEVCONF_RTR_SOLICIT_INTERVAL]=4000, [DEVCONF_RTR_SOLICIT_DELAY]=1000, [DEVCONF_USE_TEMPADDR]=-1, [DEVCONF_TEMP_VALID_LFT]=604800, [DEVCONF_TEMP_PREFERED_LFT]=86400, [DEVCONF_REGEN_MAX_RETRY]=3, [DEVCONF_MAX_DESYNC_FACTOR]=600, [DEVCONF_MAX_ADDRESSES]=16, [DEVCONF_FORCE_MLD_VERSION]=0, [DEVCONF_ACCEPT_RA_DEFRTR]=1, [DEVCONF_ACCEPT_RA_PINFO]=1, [DEVCONF_ACCEPT_RA_RTR_PREF]=0, [DEVCONF_RTR_PROBE_INTERVAL]=0, [DEVCONF_ACCEPT_RA_RT_INFO_MAX_PLEN]=0, [DEVCONF_PROXY_NDP]=0, [DEVCONF_OPTIMISTIC_DAD]=0, [DEVCONF_ACCEPT_SOURCE_ROUTE]=0, [DEVCONF_MC_FORWARDING]=0, [DEVCONF_DISABLE_IPV6]=0, [DEVCONF_ACCEPT_DAD]=-1, [DEVCONF_FORCE_TLLAO]=0, [DEVCONF_NDISC_NOTIFY]=0, [DEVCONF_MLDV1_UNSOLICITED_REPORT_INTERVAL]=10000, [DEVCONF_MLDV2_UNSOLICITED_REPORT_INTERVAL]=1000, ...]], [{nla_len=300,

nla_type=IFLA_INET6_STATS}, [[IPSTATS_MIB_NUM]=37, [IPSTATS_MIB_INPKTS]=0, [IPSTATS_MIB_INOCTETS]=0, [IPSTATS_MIB_INDELIVERS]=0, [IPSTATS_MIB_OUTFORWDATAGRAMS]=0, [IPSTATS_MIB_OUTPKTS]=0, [IPSTATS_MIB_OUTOCTETS]=0, [IPSTATS_MIB_INHDRERRORS]=0, [IPSTATS_MIB_INTOOBIGERRORS]=0, [IPSTATS_MIB_INNOROUTES]=0, [IPSTATS_MIB_INADDRERRORS]=0, [IPSTATS_MIB_INUNKNOWNPROTOS]=0, [IPSTATS_MIB_INTRUNCATEDPKTS]=0, [IPSTATS_MIB_INDISCARDS]=0, [IPSTATS_MIB_OUTDISCARDS]=0, [IPSTATS_MIB_OUTNOROUTES]=0, [IPSTATS_MIB_REASMTIMEOUT]=0, [IPSTATS_MIB_REASMREQDS]=0, [IPSTATS_MIB_REASMOKS]=0, [IPSTATS_MIB_REASMFAILS]=0, [IPSTATS_MIB_FRAGOKS]=0, [IPSTATS_MIB_FRAGFAILS]=0, [IPSTATS_MIB_FRAGCREATES]=0, [IPSTATS_MIB_INMCASTPKTS]=0, [IPSTATS_MIB_OUTMCASTPKTS]=0, [IPSTATS_MIB_INBCASTPKTS]=0, [IPSTATS_MIB_OUTBCASTPKTS]=0, [IPSTATS_MIB_INMCASTOCTETS]=0, [IPSTATS_MIB_OUTMCASTOCTETS]=0, [IPSTATS_MIB_INBCASTOCTETS]=0, [IPSTATS_MIB_OUTBCASTOCTETS]=0, [IPSTATS_MIB_CSUMERRORS]=0, ...]], [{nla_len=52, nla_type=IFLA_INET6_ICMP6STATS}, [[ICMP6_MIB_NUM]=6, [ICMP6_MIB_INMSGS]=0, [ICMP6_MIB_INERRORS]=0, [ICMP6_MIB_OUTMSGS]=0, [ICMP6_MIB_OUTERRORS]=0, [ICMP6_MIB_CSUMERRORS]=0]], [{nla_len=20, nla_type=IFLA_INET6_TOKEN}, inet_pton(AF_INET6, "::")], [{nla_len=5, nla_type=IFLA_INET6_ADDR_GEN_MODE}, IN6_ADDR_GEN_MODE_EUI64]]]]]], [{nlmsg_len=1416, nlmsg_type=RTM_NEWLINK, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819812, nlmsg_pid=26980}, {ifi_family=AF_UNSPEC, ifi_type=ARPHRD_ETHER, ifi_index=if_nametoindex("eth0"), ifi_flags=IFF_UP|IFF_BROADCAST|IFF_RUNNING|IFF_MULTICAST|IFF_LOWER_UP, ifi_change=0}, [[{nla_len=9, nla_type=IFLA_IFNAME}, "eth0"], [{nla_len=8, nla_type=IFLA_TXQLEN}, 1000], [{nla_len=5, nla_type=IFLA_OPERSTATE}, 6], [{nla_len=5, nla_type=IFLA_LINKMODE}, 0], [{nla_len=8, nla_type=IFLA_MTU}, 1280], [{nla_len=8, nla_type=IFLA_MIN_MTU}, 68], [{nla_len=8, nla_type=IFLA_MAX_MTU}, 65521], [{nla_len=8, nla_type=IFLA_GROUP}, 0], [{nla_len=8, nla_type=IFLA_PROMISCUITY}, 0], [{nla_len=8, nla_type=IFLA_NUM_TX_QUEUES}, 64], [{nla_len=8, nla_type=IFLA_GSO_MAX_SEGS}, 65535], [{nla_len=8, nla_type=IFLA_GSO_MAX_SIZE}, 62780], [{nla_len=8, nla_type=IFLA_NUM_RX_QUEUES}, 64], [{nla_len=5, nla_type=IFLA_CARRIER}, 1], [{nla_len=7, nla_type=IFLA_QDISC}, "mq"], [{nla_len=8, nla_type=IFLA_CARRIER_CHANGES}, 3], [{nla_len=8, nla_type=IFLA_CARRIER_UP_COUNT}, 2], [{nla_len=8, nla_type=IFLA_CARRIER_DOWN_COUNT}, 1], [{nla_len=5, nla_type=IFLA_PROTO_DOWN}, 0], [{nla_len=36, nla_type=IFLA_MAP}, {mem_start=0, mem_end=0, base_addr=0, irq=0, dma=0, port=0}], [{nla_len=10, nla_type=IFLA_ADDRESS}, 00:15:5d:1b:d9:32], [{nla_len=10, nla_type=IFLA_BROADCAST}, ff:ff:ff:ff:ff:ff], [{nla_len=196, nla_type=IFLA_STATS64}, {rx_packets=18919, tx_packets=9412, rx_bytes=10230492, tx_bytes=2098031, rx_errors=0, tx_errors=0, rx_dropped=0, tx_dropped=0, multicast=6617, collisions=0, rx_length_errors=0, rx_over_errors=0, rx_crc_errors=0, rx_frame_errors=0, rx_fifo_errors=0, rx_missed_errors=0, tx_aborted_errors=0, tx_carrier_errors=0, tx_fifo_errors=0, tx_heartbeat_errors=0, tx_window_errors=0, rx_compressed=0, tx_compressed=0, rx_nohandler=0}], [{nla_len=100, nla_type=IFLA_STATS}, {rx_packets=18919, tx_packets=9412, rx_bytes=10230492, tx_bytes=2098031, rx_errors=0, tx_errors=0, rx_dropped=0, tx_dropped=0, multicast=6617, collisions=0, rx_length_errors=0, rx_over_errors=0, rx_crc_errors=0, rx_frame_errors=0, rx_fifo_errors=0, rx_missed_errors=0, tx_aborted_errors=0, tx_carrier_errors=0, tx_fifo_errors=0, tx_heartbeat_errors=0, tx_window_errors=0, rx_compressed=0, tx_compressed=0, rx_nohandler=0}], [{nla_len=12, nla_type=IFLA_XDP}, [{nla_len=5, nla_type=IFLA_XDP_ATTACHED}, XDP_ATTACHED_NONE]], [{nla_len=10, nla_type=IFLA_PERM_ADDRESS}, 00:15:5d:1b:d9:32], [{nla_len=792, nla_type=IFLA_AF_SPEC}, [[{nla_len=136, nla_type=AF_INET}, [{nla_len=132, nla_type=IFLA_INET_CONF}, [[IPV4_DEVCONF_FORWARDING-1]=0, [IPV4_DEVCONF_MC_FORWARDING-1]=0, [IPV4_DEVCONF_PROXY_ARP-1]=0, [IPV4_DEVCONF_ACCEPT_REDIRECTS-1]=1, [IPV4_DEVCONF_SECURE_REDIRECTS-1]=1, [IPV4_DEVCONF_SEND_REDIRECTS-1]=1, [IPV4_DEVCONF_SHARED_MEDIA-1]=1, [IPV4_DEVCONF_RP_FILTER-1]=0, [IPV4_DEVCONF_ACCEPT_SOURCE_ROUTE-1]=1, [IPV4_DEVCONF_BOOTP_RELAY-1]=0,

[IPV4_DEVCONF_LOG_MARTIANS-1]=0, [IPV4_DEVCONF_TAG-1]=0, [IPV4_DEVCONF_ARPFILTER-1]=0, [IPV4_DEVCONF_MEDIUM_ID-1]=0, [IPV4_DEVCONF_NOXFRM-1]=0, [IPV4_DEVCONF_NOPOLICY-1]=0, [IPV4_DEVCONF_FORCE_IGMP_VERSION-1]=0, [IPV4_DEVCONF_ARP_ANNOUNCE-1]=0, [IPV4_DEVCONF_ARP_IGNORE-1]=0, [IPV4_DEVCONF_PROMOTE_SECONDARIES-1]=0, [IPV4_DEVCONF_ARP_ACCEPT-1]=0, [IPV4_DEVCONF_ARP_NOTIFY-1]=0, [IPV4_DEVCONF_ACCEPT_LOCAL-1]=0, [IPV4_DEVCONF_SRC_VMARK-1]=0, [IPV4_DEVCONF_PROXY_ARP_PVLAN-1]=0, [IPV4_DEVCONF_ROUTE_LOCALNET-1]=0, [IPV4_DEVCONF_IGMPV2_UNSOLICITED_REPORT_INTERVAL-1]=10000, [IPV4_DEVCONF_IGMPV3_UNSOLICITED_REPORT_INTERVAL-1]=1000, [IPV4_DEVCONF_IGNORE_ROUTES_WITH_LINKDOWN-1]=0, [IPV4_DEVCONF_DROP_UNICAST_IN_L2_MULTICAST-1]=0, [IPV4_DEVCONF_DROP_GRATUITOUS_ARP-1]=0, [IPV4_DEVCONF_BC_FORWARDING-1]=0]]], [{nla_len=652, nla_type=AF_INET6}, [[{nla_len=8, nla_type=IFLA_INET6_FLAGS}, IF_RS_SENT|IF_READY], [{nla_len=20, nla_type=IFLA_INET6_CACHEINFO}, {max_reasm_len=65535, tstamp=55, reachable_time=44290, retrans_time=1000}], [{nla_len=240, nla_type=IFLA_INET6_CONF}, [[DEVCONF_FORWARDING]=0, [DEVCONF_HOPLIMIT]=64, [DEVCONF_MTU6]=1280, [DEVCONF_ACCEPT_RA]=1, [DEVCONF_ACCEPT_REDIRECTS]=1, [DEVCONF_AUTOCONF]=1, [DEVCONF_DAD_TRANSMITS]=1, [DEVCONF_RTR_SOLICITS]=-1, [DEVCONF_RTR_SOLICIT_INTERVAL]=4000, [DEVCONF_RTR_SOLICIT_DELAY]=1000, [DEVCONF_USE_TEMPADDR]=0, [DEVCONF_TEMP_VALID_LFT]=604800, [DEVCONF_TEMP_PREFERED_LFT]=86400, [DEVCONF_REGEN_MAX_RETRY]=3, [DEVCONF_MAX_DESYNC_FACTOR]=600, [DEVCONF_MAX_ADDRESSES]=16, [DEVCONF_FORCE_MLD_VERSION]=0, [DEVCONF_ACCEPT_RA_DEFRTR]=1, [DEVCONF_ACCEPT_RA_PINFO]=1, [DEVCONF_ACCEPT_RA_RTR_PREF]=0, [DEVCONF_RTR_PROBE_INTERVAL]=0, [DEVCONF_ACCEPT_RA_RT_INFO_MAX_PLEN]=0, [DEVCONF_PROXY_NDP]=0, [DEVCONF_OPTIMISTIC_DAD]=0, [DEVCONF_ACCEPT_SOURCE_ROUTE]=0, [DEVCONF_MC_FORWARDING]=0, [DEVCONF_DISABLE_IPV6]=0, [DEVCONF_ACCEPT_DAD]=1, [DEVCONF_FORCE_TLLAO]=0, [DEVCONF_NDISC_NOTIFY]=0, [DEVCONF_MLDV1_UNSOLICITED_REPORT_INTERVAL]=10000, [DEVCONF_MLDV2_UNSOLICITED_REPORT_INTERVAL]=1000, ...]], [{nla_len=300, nla_type=IFLA_INET6_STATS}, [[IPSTATS_MIB_NUM]=37, [IPSTATS_MIB_INPKTS]=3114, [IPSTATS_MIB_INOCTETS]=582417, [IPSTATS_MIB_INDELIVERS]=0, [IPSTATS_MIB_OUTFORWDATAGRAMS]=0, [IPSTATS_MIB_OUTPKTS]=33, [IPSTATS_MIB_OUTOCTETS]=2020, [IPSTATS_MIB_INHDRERRORS]=0, [IPSTATS_MIB_INTOOBIGERRORS]=0, [IPSTATS_MIB_INNOROUTES]=0, [IPSTATS_MIB_INADDRERRORS]=0, [IPSTATS_MIB_INUNKNOWNPROTOS]=0, [IPSTATS_MIB_INTRUNCATEDPKTS]=0, [IPSTATS_MIB_INDISCARDS]=0, [IPSTATS_MIB_OUTDISCARDS]=0, [IPSTATS_MIB_OUTNOROUTES]=0, [IPSTATS_MIB_REASMTIMEOUT]=0, [IPSTATS_MIB_REASMREQDS]=0, [IPSTATS_MIB_REASMOKS]=0, [IPSTATS_MIB_REASMFAILS]=0, [IPSTATS_MIB_FRAGOKS]=0, [IPSTATS_MIB_FRAGFAILS]=0, [IPSTATS_MIB_FRAGCREATES]=0, [IPSTATS_MIB_INMCASTPKTS]=3114, [IPSTATS_MIB_OUTMCASTPKTS]=33, [IPSTATS_MIB_INBCASTPKTS]=0, [IPSTATS_MIB_OUTBCASTPKTS]=0, [IPSTATS_MIB_INMCASTOCTETS]=582417, [IPSTATS_MIB_OUTMCASTOCTETS]=2020, [IPSTATS_MIB_INBCASTOCTETS]=0, [IPSTATS_MIB_OUTBCASTOCTETS]=0, [IPSTATS_MIB_CSUMERRORS]=0, ...]], [{nla_len=52, nla_type=IFLA_INET6_ICMP6STATS}, [[ICMP6_MIB_NUM]=6, [ICMP6_MIB_INMSGS]=0, [ICMP6_MIB_INERRORS]=0, [ICMP6_MIB_OUTMSGS]=33, [ICMP6_MIB_OUTERRORS]=0, [ICMP6_MIB_CSUMERRORS]=0]], [{nla_len=20, nla_type=IFLA_INET6_TOKEN}, inet_pton(AF_INET6, "::")], [{nla_len=5, nla_type=IFLA_INET6_ADDR_GEN_MODE}, IN6_ADDR_GEN_MODE_EUI64]]]]], [{nla_len=41, nla_type=IFLA_PARENT_DEV_NAME}, "902d75e4-7cf6-4b9d-af9e-1be7f565"...], [{nla_len=10, nla_type=IFLA_PARENT_DEV_BUS_NAME}, "vmbus"]]]], iov_len=8192}], msg_iovlen=1, msg_controllen=0, msg_flags=0}, 0) = 2764

[pid 26980] recvmsg(9, {msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, msg_namelen=12, msg_iov=[{iov_base=[{nlmsg_len=20, nlmsg_type=NLMSG_DONE, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819812, nlmsg_pid=26980}, 0], iov_len=8192}], msg_iovlen=1, msg_controllen=0, msg_flags=0}, 0) = 20
[pid 26980] sendto(9, [{nlmsg_len=20, nlmsg_type=RTM_GETADDR, nlmsg_flags=NLM_F_REQUEST|NLM_F_DUMP, nlmsg_seq=1741819813, nlmsg_pid=0}, {ifa_family=AF_UNSPEC, ...}], 20, 0, {sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, 12) = 20
[pid 26980] recvmsg(9, {msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, msg_namelen=12, msg_iov=[{iov_base=[[{nlmsg_len=76, nlmsg_type=RTM_NEWADDR, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819813, nlmsg_pid=26980}, {ifa_family=AF_INET, ifa_prefixlen=8, ifa_flags=IFA_F_PERMANENT, ifa_scope=RT_SCOPE_HOST, ifa_index=if_nametoindex("lo")}, [[{nla_len=8, nla_type=IFA_ADDRESS}, inet_addr("127.0.0.1")], [{nla_len=8, nla_type=IFA_LOCAL}, inet_addr("127.0.0.1")], [{nla_len=7, nla_type=IFA_LABEL}, "lo"], [{nla_len=8, nla_type=IFA_FLAGS}, IFA_F_PERMANENT], [{nla_len=20, nla_type=IFA_CACHEINFO}, {ifa_prefered=4294967295, ifa_valid=4294967295, cstamp=44, tstamp=44}]]], [{nlmsg_len=84, nlmsg_type=RTM_NEWADDR, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819813, nlmsg_pid=26980}, {ifa_family=AF_INET, ifa_prefixlen=32, ifa_flags=IFA_F_PERMANENT, ifa_scope=RT_SCOPE_UNIVERSE, ifa_index=if_nametoindex("lo")}, [[{nla_len=8, nla_type=IFA_ADDRESS}, inet_addr("10.255.255.254")], [{nla_len=8, nla_type=IFA_LOCAL}, inet_addr("10.255.255.254")], [{nla_len=8, nla_type=IFA_BROADCAST}, inet_addr("10.255.255.254")], [{nla_len=7, nla_type=IFA_LABEL}, "lo"], [{nla_len=8, nla_type=IFA_FLAGS}, IFA_F_PERMANENT], [{nla_len=20, nla_type=IFA_CACHEINFO}, {ifa_prefered=4294967295, ifa_valid=4294967295, cstamp=44, tstamp=44}]]], [{nlmsg_len=88, nlmsg_type=RTM_NEWADDR, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819813, nlmsg_pid=26980}, {ifa_family=AF_INET, ifa_prefixlen=20, ifa_flags=IFA_F_PERMANENT, ifa_scope=RT_SCOPE_UNIVERSE, ifa_index=if_nametoindex("eth0")}, [[{nla_len=8, nla_type=IFA_ADDRESS}, inet_addr("172.17.162.92")], [{nla_len=8, nla_type=IFA_LOCAL}, inet_addr("172.17.162.92")], [{nla_len=8, nla_type=IFA_BROADCAST}, inet_addr("172.17.175.255")], [{nla_len=9, nla_type=IFA_LABEL}, "eth0"], [{nla_len=8, nla_type=IFA_FLAGS}, IFA_F_PERMANENT], [{nla_len=20, nla_type=IFA_CACHEINFO}, {ifa_prefered=4294967295, ifa_valid=4294967295, cstamp=55, tstamp=55}]]]], iov_len=8192}], msg_iovlen=1, msg_controllen=0, msg_flags=0}, 0) = 248
[pid 26980] recvmsg(9, {msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, msg_namelen=12, msg_iov=[{iov_base=[[{nlmsg_len=72, nlmsg_type=RTM_NEWADDR, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819813, nlmsg_pid=26980}, {ifa_family=AF_INET6, ifa_prefixlen=128, ifa_flags=IFA_F_PERMANENT, ifa_scope=RT_SCOPE_HOST, ifa_index=if_nametoindex("lo")}, [[{nla_len=20, nla_type=IFA_ADDRESS}, inet_pton(AF_INET6, "::1")], [{nla_len=20, nla_type=IFA_CACHEINFO}, {ifa_prefered=4294967295, ifa_valid=4294967295, cstamp=44, tstamp=44}], [{nla_len=8, nla_type=IFA_FLAGS}, IFA_F_PERMANENT]]], [{nlmsg_len=72, nlmsg_type=RTM_NEWADDR, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819813, nlmsg_pid=26980}, {ifa_family=AF_INET6, ifa_prefixlen=64, ifa_flags=IFA_F_PERMANENT, ifa_scope=RT_SCOPE_LINK, ifa_index=if_nametoindex("eth0")}, [[{nla_len=20, nla_type=IFA_ADDRESS}, inet_pton(AF_INET6, "fe80::215:5dff:fe1b:d932")], [{nla_len=20, nla_type=IFA_CACHEINFO}, {ifa_prefered=4294967295, ifa_valid=4294967295, cstamp=55, tstamp=55}], [{nla_len=8, nla_type=IFA_FLAGS}, IFA_F_PERMANENT]]]], iov_len=8192}], msg_iovlen=1, msg_controllen=0, msg_flags=0}, 0) = 144
[pid 26980] recvmsg(9, {msg_name={sa_family=AF_NETLINK, nl_pid=0, nl_groups=00000000}, msg_namelen=12, msg_iov=[{iov_base=[{nlmsg_len=20, nlmsg_type=NLMSG_DONE, nlmsg_flags=NLM_F_MULTI, nlmsg_seq=1741819813, nlmsg_pid=26980}, 0], iov_len=8192}], msg_iovlen=1, msg_controllen=0, msg_flags=0}, 0) = 20
[pid 26980] close(9) = 0
[pid 26980] socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP) = 9
[pid 26980] setsockopt(9, SOL_SOCKET, SO_REUSEADDR, [1], 4) = 0
[pid 26980] bind(9, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("127.0.0.1")}, 16) = 0

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[pid 26980] listen(9, 100)              = 0
[pid 26980] getsockname(9, {sa_family=AF_INET, sin_port=htons(5556),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
[pid 26980] getsockname(9, {sa_family=AF_INET, sin_port=htons(5556),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
[pid 26980] getpid()                    = 26980
[pid 26980] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26982] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=1525466624,
u64=94615360030208}}], 256, -1) = 1
[pid 26980] getpid( <unfinished ...>
[pid 26982] getpid( <unfinished ...>
[pid 26980] <... getpid resumed>)       = 26980
[pid 26982] <... getpid resumed>)       = 26980
[pid 26980] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
[pid 26982] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
[pid 26980] <... write resumed>)        = 8
[pid 26982] <... poll resumed>)         = 1 ([{fd=6, revents=POLLIN}])
[pid 26980] clone(child_stack=NULL,
flags=CLONE_CHILD_CLEARTID|CLONE_CHILD_SETTID|SIGCHLD <unfinished ...>
[pid 26982] getpid()                    = 26980
[pid 26982] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
strace: Process 26983 attached
[pid 26982] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0
<unfinished ...>
[pid 26980] <... clone resumed>, child_tidptr=0x7f8fe0713c90) = 26983
[pid 26983] set_robust_list(0x7f8fe0713ca0, 24 <unfinished ...>
[pid 26982] <... mmap resumed>)         = 0x7f8fd770f000
[pid 26982] munmap(0x7f8fd770f000, 9375744 <unfinished ...>
[pid 26983] <... set_robust_list resumed>) = 0
[pid 26982] <... munmap resumed>)       = 0
[pid 26980] fstat(1,  <unfinished ...>
[pid 26982] munmap(0x7f8fdc000000, 57733120 <unfinished ...>
[pid 26980] <... fstat resumed>{st_mode=S_IFCHR|0620, st_rdev=makedev(0x88, 0x2), ...}) = 0
[pid 26982] <... munmap resumed>)       = 0
[pid 26982] mprotect(0x7f8fd8000000, 135168, PROT_READ|PROT_WRITE <unfinished ...>
[pid 26980] write(1, "Launch job 1 (pid=26983), input="..., 34 <unfinished ...>
Launch job 1 (pid=26983), input=1
[pid 26982] <... mprotect resumed>)     = 0
[pid 26980] <... write resumed>)        = 34
[pid 26983] execve("./job", ["./job", "tcp://127.0.0.1:5556"], 0x7ffd610a7130 /* 36 vars */ <unfinished ...>
[pid 26982] epoll_ctl(7, EPOLL_CTL_ADD, 9, {events=0, data={u32=3623881584,
u64=140255780932464}} <unfinished ...>
[pid 26980] getpid( <unfinished ...>
[pid 26982] <... epoll_ctl resumed>)    = 0
[pid 26980] <... getpid resumed>)       = 26980
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=3623881584,
u64=140255780932464}} <unfinished ...>
[pid 26980] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
[pid 26982] <... epoll_ctl resumed>)    = 0
[pid 26980] <... poll resumed>)         = 1 ([{fd=8, revents=POLLIN}])
[pid 26982] getpid( <unfinished ...>
[pid 26980] getpid( <unfinished ...>
[pid 26982] <... getpid resumed>)       = 26980
[pid 26980] <... getpid resumed>)       = 26980
[pid 26983] <... execve resumed>)       = 0
```

```
[pid 26982] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
[pid 26980] read(8,  <unfinished ...>
[pid 26982] <... poll resumed>)         = 0 (Timeout)
[pid 26980] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid 26983] brk(NULL <unfinished ...>
[pid 26982] epoll_wait(7,  <unfinished ...>
[pid 26980] getpid( <unfinished ...>
[pid 26983] <... brk resumed>)          = 0x555bb31d3000
[pid 26980] <... getpid resumed>)       = 26980
[pid 26980] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26983] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -
1, 0 <unfinished ...>
[pid 26980] getpid( <unfinished ...>
[pid 26983] <... mmap resumed>)         = 0x7fd925a92000
[pid 26980] <... getpid resumed>)       = 26980
[pid 26983] access("/etc/ld.so.preload", R_OK <unfinished ...>
[pid 26980] poll([{fd=8, events=POLLIN}], 1, -1 <unfinished ...>
[pid 26983] <... access resumed>)       = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=24775, ...}) = 0
[pid 26983] mmap(NULL, 24775, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7fd925a8b000
[pid 26983] close(3)                    = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libzmq.so.5", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=663584, ...}) = 0
[pid 26983] mmap(NULL, 661336, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fd9259e9000
[pid 26983] mmap(0x7fd925a02000, 425984, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x19000) = 0x7fd925a02000
[pid 26983] mmap(0x7fd925a6a000, 98304, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x81000) = 0x7fd925a6a000
[pid 26983] mmap(0x7fd925a82000, 36864, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x99000) = 0x7fd925a82000
[pid 26983] close(3)                    = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libstdc++.so.6", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=2592224, ...}) = 0
[pid 26983] mmap(NULL, 2609472, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fd92576b000
[pid 26983] mmap(0x7fd925808000, 1343488, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9d000) = 0x7fd925808000
[pid 26983] mmap(0x7fd925950000, 552960, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1e5000) = 0x7fd925950000
[pid 26983] mmap(0x7fd9259d7000, 57344, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x26b000) = 0x7fd9259d7000
[pid 26983] mmap(0x7fd9259e5000, 12608, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fd9259e5000
[pid 26983] close(3)                    = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgcc_s.so.1", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=183024, ...}) = 0
[pid 26983] mmap(NULL, 185256, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fd92573d000
[pid 26983] mmap(0x7fd925741000, 147456, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fd925741000
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[pid 26983] mmap(0x7fd925765000, 16384, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x28000) = 0x7fd925765000
[pid 26983] mmap(0x7fd925769000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7fd925769000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libc.so.6", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\220\243\2\0\0\0\0"..., 832) = 832
[pid 26983] pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784
[pid 26983] fstat(3, {st_mode=S_IFREG|0755, st_size=2125328, ...}) = 0
[pid 26983] pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784
[pid 26983] mmap(NULL, 2170256, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd92552b000
[pid 26983] mmap(0x7fd925553000, 1605632, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x28000) = 0x7fd925553000
[pid 26983] mmap(0x7fd9256db000, 323584, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1b0000) = 0x7fd9256db000
[pid 26983] mmap(0x7fd92572a000, 24576, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1fe000) = 0x7fd92572a000
[pid 26983] mmap(0x7fd925730000, 52624, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fd925730000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libbsd.so.0", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=80888, ...}) = 0
[pid 26983] mmap(NULL, 86208, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd925515000
[pid 26983] mmap(0x7fd925519000, 49152, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fd925519000
[pid 26983] mmap(0x7fd925525000, 12288, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7fd925525000
[pid 26983] mmap(0x7fd925528000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x12000) = 0x7fd925528000
[pid 26983] mmap(0x7fd92552a000, 192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fd92552a000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libsodium.so.23", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=355040, ...}) = 0
[pid 26983] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7fd925513000
[pid 26983] mmap(NULL, 353336, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd9254bc000
[pid 26983] mmap(0x7fd9254c8000, 233472, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7fd9254c8000
[pid 26983] mmap(0x7fd925501000, 65536, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x45000) = 0x7fd925501000
[pid 26983] mmap(0x7fd925511000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x55000) = 0x7fd925511000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libpgm-5.3.so.0", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=285568, ...}) = 0
[pid 26983] mmap(NULL, 301040, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =

0x7fd925472000
[pid 26983] mmap(0x7fd925476000, 159744, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fd925476000
[pid 26983] mmap(0x7fd92549d000, 102400, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2b000) = 0x7fd92549d000
[pid 26983] mmap(0x7fd9254b6000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x44000) = 0x7fd9254b6000
[pid 26983] mmap(0x7fd9254b8000, 14320, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fd9254b8000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnorm.so.1", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=366760, ...}) = 0
[pid 26983] mmap(NULL, 1092032, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd925367000
[pid 26983] mmap(0x7fd925370000, 274432, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7fd925370000
[pid 26983] mmap(0x7fd9253b3000, 45056, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4c000) = 0x7fd9253b3000
[pid 26983] mmap(0x7fd9253be000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x56000) = 0x7fd9253be000
[pid 26983] mmap(0x7fd9253c2000, 719296, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fd9253c2000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libgssapi_krb5.so.2", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=338696, ...}) = 0
[pid 26983] mmap(NULL, 341080, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd925313000
[pid 26983] mmap(0x7fd92531f000, 237568, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7fd92531f000
[pid 26983] mmap(0x7fd925359000, 40960, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x46000) = 0x7fd925359000
[pid 26983] mmap(0x7fd925363000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4f000) = 0x7fd925363000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libm.so.6", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=952616, ...}) = 0
[pid 26983] mmap(NULL, 950296, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd92522a000
[pid 26983] mmap(0x7fd92523a000, 520192, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x10000) = 0x7fd92523a000
[pid 26983] mmap(0x7fd9252b9000, 360448, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x8f000) = 0x7fd9252b9000
[pid 26983] mmap(0x7fd925311000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xe7000) = 0x7fd925311000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libmd.so.0", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=55536, ...}) = 0
[pid 26983] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7fd925228000
[pid 26983] mmap(NULL, 57448, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =

0x7fd925219000
[pid 26983] mmap(0x7fd92521b000, 36864, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7fd92521b000
[pid 26983] mmap(0x7fd925224000, 8192, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xb000) = 0x7fd925224000
[pid 26983] mmap(0x7fd925226000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xc000) = 0x7fd925226000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5.so.3", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=823488, ...}) = 0
[pid 26983] mmap(NULL, 822032, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd925150000
[pid 26983] mmap(0x7fd925170000, 397312, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x20000) = 0x7fd925170000
[pid 26983] mmap(0x7fd9251d1000, 233472, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x81000) = 0x7fd9251d1000
[pid 26983] mmap(0x7fd92520a000, 61440, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xba000) = 0x7fd92520a000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libk5crypto.so.3", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=178648, ...}) = 0
[pid 26983] mmap(NULL, 176392, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd925124000
[pid 26983] mmap(0x7fd925128000, 110592, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fd925128000
[pid 26983] mmap(0x7fd925143000, 45056, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1f000) = 0x7fd925143000
[pid 26983] mmap(0x7fd92514e000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2a000) = 0x7fd92514e000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libcom_err.so.2", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=18504, ...}) = 0
[pid 26983] mmap(NULL, 20552, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd92511e000
[pid 26983] mmap(0x7fd925120000, 4096, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7fd925120000
[pid 26983] mmap(0x7fd925121000, 4096, PROT_READ, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7fd925121000
[pid 26983] mmap(0x7fd925122000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7fd925122000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkrb5support.so.0", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=47904, ...}) = 0
[pid 26983] mmap(NULL, 50128, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7fd925111000
[pid 26983] mmap(0x7fd925114000, 24576, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7fd925114000
[pid 26983] mmap(0x7fd92511a000, 8192, PROT_READ,

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MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x7fd92511a000
[pid 26983] mmap(0x7fd92511c000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xa000) = 0x7fd92511c000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libkeyutils.so.1", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=22600, ...}) = 0
[pid 26983] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -
1, 0) = 0x7fd92510f000
[pid 26983] mmap(NULL, 24592, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fd925108000
[pid 26983] mmap(0x7fd92510a000, 8192, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x7fd92510a000
[pid 26983] mmap(0x7fd92510c000, 4096, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fd92510c000
[pid 26983] mmap(0x7fd92510d000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x4000) = 0x7fd92510d000
[pid 26983] close(3) = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libresolv.so.2", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0"..., 832) = 832
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=68104, ...}) = 0
[pid 26983] mmap(NULL, 75912, PROT_READ, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0x7fd9250f5000
[pid 26983] mmap(0x7fd9250f8000, 40960, PROT_READ|PROT_EXEC,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3000) = 0x7fd9250f8000
[pid 26983] mmap(0x7fd925102000, 8192, PROT_READ,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xd000) = 0x7fd925102000
[pid 26983] mmap(0x7fd925104000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xf000) = 0x7fd925104000
[pid 26983] mmap(0x7fd925106000, 6280, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7fd925106000
[pid 26983] close(3) = 0
[pid 26983] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -
1, 0) = 0x7fd9250f3000
[pid 26983] mmap(NULL, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -
1, 0) = 0x7fd9250f0000
[pid 26983] arch_prctl(ARCH_SET_FS, 0x7fd9250f09c0) = 0
[pid 26983] set_tid_address(0x7fd9250f0c90) = 26983
[pid 26983] set_robust_list(0x7fd9250f0ca0, 24) = 0
[pid 26983] rseq(0x7fd9250f12e0, 0x20, 0, 0x53053053) = 0
[pid 26983] mprotect(0x7fd92572a000, 16384, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925104000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd92510d000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd92511c000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925122000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd92514e000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd92520a000, 53248, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925226000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925311000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925363000, 8192, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925769000, 4096, PROT_READ) = 0
[pid 26983] mmap(NULL, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -
1, 0) = 0x7fd9250ee000
[pid 26983] mprotect(0x7fd9259d7000, 45056, PROT_READ) = 0
[pid 26983] mprotect(0x7fd9253be000, 12288, PROT_READ) = 0
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[pid 26983] mprotect(0x7fd9254b6000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925511000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925528000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925a82000, 32768, PROT_READ) = 0
[pid 26983] mprotect(0x555bb1e4e000, 4096, PROT_READ) = 0
[pid 26983] mprotect(0x7fd925aca000, 8192, PROT_READ) = 0
[pid 26983] prlimit64(0, RLIMIT_STACK, NULL, {rlim_cur=8192*1024, rlim_max=RLIM64_INFINITY}) = 0
[pid 26983] munmap(0x7fd925a8b000, 24775) = 0
[pid 26983] futex(0x7fd9259e57bc, FUTEX_WAKE_PRIVATE, 2147483647) = 0
[pid 26983] getrandom("\xa4\x3f\xf3\x81\x23\xd6\x67\x58", 8, GRND_NONBLOCK) = 8
[pid 26983] brk(NULL)                   = 0x555bb31d3000
[pid 26983] brk(0x555bb31f4000)         = 0x555bb31f4000
[pid 26983] openat(AT_FDCWD, "/sys/devices/system/cpu/online", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "0-11\n", 1024)     = 5
[pid 26983] close(3)                    = 0
[pid 26983] openat(AT_FDCWD, "/sys/devices/system/cpu/possible", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] read(3, "0-11\n", 1024)     = 5
[pid 26983] close(3)                    = 0
[pid 26983] getpid()                    = 26983
[pid 26983] sched_getaffinity(26983, 128, [0 1 2 3 4 5 6 7 8 9 10 11]) = 32
[pid 26983] newfstatat(AT_FDCWD, "/etc/nsswitch.conf", {st_mode=S_IFREG|0644, st_size=526, ...}, 0) = 0
[pid 26983] newfstatat(AT_FDCWD, "/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
[pid 26983] openat(AT_FDCWD, "/etc/nsswitch.conf", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=526, ...}) = 0
[pid 26983] read(3, "# /etc/nsswitch.conf\n#\n# Example"..., 4096) = 526
[pid 26983] read(3, "", 4096)           = 0
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=526, ...}) = 0
[pid 26983] close(3)                    = 0
[pid 26983] openat(AT_FDCWD, "/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=24775, ...}) = 0
[pid 26983] mmap(NULL, 24775, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7fd925a8b000
[pid 26983] close(3)                    = 0
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/", 0x7ffe82912b40, 0) = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/", 0x7ffe82912b40, 0) = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/lib/x86_64-linux-gnu/", {st_mode=S_IFDIR|0755, st_size=36864, ...}, 0) = 0
[pid 26983] openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v3/", 0x7ffe82912b40, 0) = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/glibc-hwcaps/x86-64-v2/", 0x7ffe82912b40, 0) = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/libnss_db.so.2", O_RDONLY|O_CLOEXEC)
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= -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/usr/lib/x86_64-linux-gnu/", {st_mode=S_IFDIR|0755, st_size=36864, ...}, 0) = 0
[pid 26983] openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v3/", 0x7ffe82912b40, 0) = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/lib/glibc-hwcaps/x86-64-v2/", 0x7ffe82912b40, 0) = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/lib/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
[pid 26983] openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v3/", 0x7ffe82912b40, 0) = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/usr/lib/glibc-hwcaps/x86-64-v2/", 0x7ffe82912b40, 0) = -1 ENOENT (No such file or directory)
[pid 26983] openat(AT_FDCWD, "/usr/lib/libnss_db.so.2", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)
[pid 26983] newfstatat(AT_FDCWD, "/usr/lib/", {st_mode=S_IFDIR|0755, st_size=4096, ...}, 0) = 0
[pid 26983] munmap(0x7fd925a8b000, 24775) = 0
[pid 26983] openat(AT_FDCWD, "/etc/protocols", O_RDONLY|O_CLOEXEC) = 3
[pid 26983] fstat(3, {st_mode=S_IFREG|0644, st_size=3144, ...}) = 0
[pid 26983] lseek(3, 0, SEEK_SET) = 0
[pid 26983] read(3, "# Internet (IP) protocols\n#\n# Up"..., 4096) = 3144
[pid 26983] read(3, "", 4096) = 0
[pid 26983] close(3) = 0
[pid 26983] eventfd2(0, EFD_CLOEXEC) = 3
[pid 26983] fcntl(3, F_GETFL) = 0x2 (flags O_RDWR)
[pid 26983] fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26983] fcntl(3, F_GETFL) = 0x802 (flags O_RDWR|O_NONBLOCK)
[pid 26983] fcntl(3, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26983] getpid() = 26983
[pid 26983] getpid() = 26983
[pid 26983] getrandom("\x04\xba\xf2\x23\xb0\xf8\xba\xeb\xaa\xc6\x50\xb4\x2c\x76\xe9\xd3", 16, 0) = 16
[pid 26983] getrandom("\xe8\xe0\x72\x78\x94\xb5\x2b\x9d\x7e\x2a\xbe\x71\xd2\x7a\x0b\x92", 16, 0) = 16
[pid 26983] eventfd2(0, EFD_CLOEXEC) = 4
[pid 26983] fcntl(4, F_GETFL) = 0x2 (flags O_RDWR)
[pid 26983] fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26983] fcntl(4, F_GETFL) = 0x802 (flags O_RDWR|O_NONBLOCK)
[pid 26983] fcntl(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26983] getpid() = 26983
[pid 26983] epoll_create1(EPOLL_CLOEXEC) = 5
[pid 26983] epoll_ctl(5, EPOLL_CTL_ADD, 4, {events=0, data={u32=3005109776, u64=93852335494672}}) = 0
[pid 26983] epoll_ctl(5, EPOLL_CTL_MOD, 4, {events=EPOLLIN, data={u32=3005109776, u64=93852335494672}}) = 0
[pid 26983] getpid() = 26983
[pid 26983] rt_sigaction(SIGRT_1, {sa_handler=0x7fd9255c4530, sa_mask=[], sa_flags=SA_RESTORER|SA_ONSTACK|SA_RESTART|SA_SIGINFO, sa_restorer=0x7fd925570330},

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NULL, 8) = 0
[pid 26983] rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0
[pid 26983] mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7fd9248ed000
[pid 26983] mprotect(0x7fd9248ee000, 8388608, PROT_READ|PROT_WRITE) = 0
[pid 26983] rt_sigprocmask(SIG_BLOCK, ~[], [QUIT], 8) = 0
[pid 26983] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID, child_tid=0x7fd9250ed990, parent_tid=0x7fd9250ed990, exit_signal=0, stack=0x7fd9248ed000, stack_size=0x7ffd00, tls=0x7fd9250ed6c0} => {parent_tid=[26984]}, 88) = 26984
[pid 26983] rt_sigprocmask(SIG_SETMASK, [QUIT], NULL, 8) = 0
[pid 26983] eventfd2(0, EFD_CLOEXEC)    = 6
[pid 26983] fcntl(6, F_GETFL)           = 0x2 (flags O_RDWR)
[pid 26983] fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26983] fcntl(6, F_GETFL)           = 0x802 (flags O_RDWR|O_NONBLOCK)
[pid 26983] fcntl(6, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26983] getpid()                    = 26983
[pid 26983] epoll_create1(EPOLL_CLOEXEC) = 7
[pid 26983] epoll_ctl(7, EPOLL_CTL_ADD, 6, {events=0, data={u32=3005111888, u64=93852335496784}}) = 0
[pid 26983] epoll_ctl(7, EPOLL_CTL_MOD, 6, {events=EPOLLIN, data={u32=3005111888, u64=93852335496784}}) = 0
[pid 26983] mmap(NULL, 8392704, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7fd9240ec000
strace: Process 26984 attached
[pid 26983] mprotect(0x7fd9240ed000, 8388608, PROT_READ|PROT_WRITE) = 0
[pid 26983] rt_sigprocmask(SIG_BLOCK, ~[], [QUIT], 8) = 0
[pid 26983] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID, child_tid=0x7fd9248ec990, parent_tid=0x7fd9248ec990, exit_signal=0, stack=0x7fd9240ec000, stack_size=0x7ffd00, tls=0x7fd9248ec6c0} => {parent_tid=[26985]}, 88) = 26985
[pid 26983] rt_sigprocmask(SIG_SETMASK, [QUIT], NULL, 8) = 0
[pid 26983] eventfd2(0, EFD_CLOEXEC)    = 8
[pid 26983] fcntl(8, F_GETFL)           = 0x2 (flags O_RDWR)
[pid 26983] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26983] fcntl(8, F_GETFL)           = 0x802 (flags O_RDWR|O_NONBLOCK)
[pid 26983] fcntl(8, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26983] getpid()                    = 26983
[pid 26983] getpid()                    = 26983
[pid 26983] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26983] brk(0x555bb3215000)         = 0x555bb3215000
[pid 26983] futex(0x7fd9259e57c8, FUTEX_WAKE_PRIVATE, 2147483647) = 0
[pid 26983] getpid()                    = 26983
[pid 26983] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26983] getpid()                    = 26983
[pid 26983] write(8, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26983] getpid()                    = 26983
[pid 26983] poll([{fd=8, events=POLLIN}], 1, -1) = 1 ([{fd=8, revents=POLLIN}])
[pid 26983] getpid()                    = 26983
[pid 26983] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26983] getpid()                    = 26983
[pid 26983] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26983] getpid()                    = 26983
```

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[pid 26983] poll([{fd=8, events=POLLIN}], 1, -1strace: Process 26985 attached
 <unfinished ...>
[pid 26984] rseq(0x7fd9250edfe0, 0x20, 0, 0x53053053 <unfinished ...>
[pid 26985] rseq(0x7fd9248ecfe0, 0x20, 0, 0x53053053) = 0
[pid 26985] set_robust_list(0x7fd9248ec9a0, 24) = 0
[pid 26985] rt_sigprocmask(SIG_SETMASK, [QUIT], NULL, 8) = 0
[pid 26985] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1], NULL, 8) = 0
[pid 26985] sched_getparam(26985, [0])  = 0
[pid 26985] sched_getscheduler(26985)   = 0 (SCHED_OTHER)
[pid 26985] sched_setscheduler(26985, SCHED_OTHER, [0]) = 0
[pid 26985] prctl(PR_SET_NAME, "ZMQbg/IO/0") = 0
[pid 26985] epoll_wait(7, [{events=EPOLLIN, data={u32=3005111888, u64=93852335496784}}], 256, -1)
= 1
[pid 26985] getpid()                    = 26983
[pid 26985] poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])
[pid 26985] getpid()                    = 26983
[pid 26985] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26985] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x7fd91c0ec000
[pid 26985] munmap(0x7fd91c0ec000, 66142208) = 0
[pid 26985] munmap(0x7fd924000000, 966656) = 0
[pid 26985] mprotect(0x7fd920000000, 135168, PROT_READ|PROT_WRITE) = 0
[pid 26985] socket(AF_INET, SOCK_STREAM|SOCK_CLOEXEC, IPPROTO_TCP) = 9
[pid 26985] fcntl(9, F_GETFL)           = 0x2 (flags O_RDWR)
[pid 26985] fcntl(9, F_SETFL, O_RDWR|O_NONBLOCK) = 0
[pid 26985] connect(9, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("127.0.0.1")}, 16)
= -1 EINPROGRESS (Operation now in progress)
[pid 26982] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=3623881584,
u64=140255780932464}}], 256, -1) = 1
[pid 26985] epoll_ctl(7, EPOLL_CTL_ADD, 9, {events=0, data={u32=536876144,
u64=140570521506928}} <unfinished ...>
[pid 26982] accept4(9,  <unfinished ...>
[pid 26985] <... epoll_ctl resumed>)    = 0
[pid 26982] <... accept4 resumed>{sa_family=AF_INET, sin_port=htons(58052),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16], SOCK_CLOEXEC) = 10
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLOUT, data={u32=536876144,
u64=140570521506928}} <unfinished ...>
[pid 26984] <... rseq resumed>)         = 0
[pid 26982] setsockopt(10, SOL_TCP, TCP_NODELAY, [1], 4 <unfinished ...>
[pid 26984] set_robust_list(0x7fd9250ed9a0, 24 <unfinished ...>
[pid 26982] <... setsockopt resumed>)   = 0
[pid 26984] <... set_robust_list resumed>) = 0
[pid 26982] getpeername(10,  <unfinished ...>
[pid 26984] rt_sigprocmask(SIG_SETMASK, [QUIT],  <unfinished ...>
[pid 26982] <... getpeername resumed>{sa_family=AF_INET, sin_port=htons(58052),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
[pid 26984] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 26982] getsockname(10,  <unfinished ...>
[pid 26984] rt_sigprocmask(SIG_BLOCK, ~[RTMIN RT_1],  <unfinished ...>
[pid 26982] <... getsockname resumed>{sa_family=AF_INET, sin_port=htons(5556),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
[pid 26984] <... rt_sigprocmask resumed>NULL, 8) = 0
[pid 26982] getpeername(10,  <unfinished ...>
[pid 26984] sched_getparam(26984,  <unfinished ...>
[pid 26982] <... getpeername resumed>{sa_family=AF_INET, sin_port=htons(58052),
```

```
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
[pid 26984] <... sched_getparam resumed>[0]) = 0
[pid 26982] fcntl(10, F_GETFL <unfinished ...>
[pid 26985] <... epoll_ctl resumed>)    = 0
[pid 26984] sched_getscheduler(26984 <unfinished ...>
[pid 26982] <... fcntl resumed>)        = 0x2 (flags O_RDWR)
[pid 26985] getpid( <unfinished ...>
[pid 26984] <... sched_getscheduler resumed>) = 0 (SCHED_OTHER)
[pid 26982] fcntl(10, F_SETFL, O_RDWR|O_NONBLOCK <unfinished ...>
[pid 26985] <... getpid resumed>)       = 26983
[pid 26984] sched_setscheduler(26984, SCHED_OTHER, [0] <unfinished ...>
[pid 26982] <... fcntl resumed>)        = 0
[pid 26985] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
[pid 26984] <... sched_setscheduler resumed>) = 0
[pid 26982] getpid( <unfinished ...>
[pid 26985] <... poll resumed>)         = 0 (Timeout)
[pid 26984] prctl(PR_SET_NAME, "ZMQbg/Reaper" <unfinished ...>
[pid 26982] <... getpid resumed>)       = 26980
[pid 26984] <... prctl resumed>)        = 0
[pid 26982] write(6, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
[pid 26984] epoll_wait(5,  <unfinished ...>
[pid 26982] <... write resumed>)        = 8
[pid 26982] epoll_wait(7, [{events=EPOLLIN, data={u32=1525466624, u64=94615360030208}}], 256, -1)
= 1
[pid 26982] getpid()                    = 26980
[pid 26982] poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])
[pid 26982] getpid()                    = 26980
[pid 26982] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26982] epoll_ctl(7, EPOLL_CTL_ADD, 10, {events=0, data={u32=3623881680,
u64=140255780932560}}) = 0
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3623881680,
u64=140255780932560}}) = 0
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=3623881680,
u64=140255780932560}}) = 0
[pid 26982] recvfrom(10, 0x7f8fd8001338, 12, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily
unavailable)
[pid 26982] getpid()                    = 26980
[pid 26982] poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26982] epoll_wait(7, [{events=EPOLLOUT, data={u32=3623881680, u64=140255780932560}}], 256,
30000) = 1
[pid 26982] sendto(10, "\377\0\0\0\0\0\0\1\177", 10, 0, NULL, 0) = 10
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3623881680,
u64=140255780932560}}) = 0
[pid 26982] epoll_wait(7,  <unfinished ...>
[pid 26985] epoll_wait(7, [{events=EPOLLOUT, data={u32=536876144, u64=140570521506928}}], 256, -
1) = 1
[pid 26985] epoll_ctl(7, EPOLL_CTL_DEL, 9, 0x7fd920001474) = 0
[pid 26985] getsockopt(9, SOL_SOCKET, SO_ERROR, [0], [4]) = 0
[pid 26985] setsockopt(9, SOL_TCP, TCP_NODELAY, [1], 4) = 0
[pid 26985] getsockname(9, {sa_family=AF_INET, sin_port=htons(58052),
sin_addr=inet_addr("127.0.0.1")}, [128 => 16]) = 0
[pid 26985] getpeername(9, {sa_family=AF_INET, sin_port=htons(5556), sin_addr=inet_addr("127.0.0.1")},
[128 => 16]) = 0
[pid 26985] fcntl(9, F_GETFL)           = 0x802 (flags O_RDWR|O_NONBLOCK)
[pid 26985] fcntl(9, F_SETFL, O_RDWR|O_NONBLOCK) = 0
```

[pid 26985] getpid() = 26983
[pid 26985] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26985] epoll_wait(7, [{events=EPOLLIN, data={u32=3005111888, u64=93852335496784}}], 256, -1) = 1
[pid 26985] getpid() = 26983
[pid 26985] poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])
[pid 26985] getpid() = 26983
[pid 26985] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26985] epoll_ctl(7, EPOLL_CTL_ADD, 9, {events=0, data={u32=536876144, u64=140570521506928}}) = 0
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=536876144, u64=140570521506928}}) = 0
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN|EPOLLOUT, data={u32=536876144, u64=140570521506928}}) = 0
[pid 26985] recvfrom(9, "\377\0\0\0\0\0\0\0\1\177", 12, 0, NULL, NULL) = 10
[pid 26985] recvfrom(9, 0x7fd920001c72, 2, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)
[pid 26985] getpid() = 26983
[pid 26985] poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26985] epoll_wait(7, [{events=EPOLLOUT, data={u32=536876144, u64=140570521506928}}], 256, 29999) = 1
[pid 26985] sendto(9, "\377\0\0\0\0\0\0\0\1\177\3", 11, 0, NULL, 0) = 11
[pid 26982] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=3623881680, u64=140255780932560}}], 256, 30000) = 1
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=536876144, u64=140570521506928}} <unfinished ...>
[pid 26982] recvfrom(10, <unfinished ...>
[pid 26985] <... epoll_ctl resumed>) = 0
[pid 26982] <... recvfrom resumed>"\377\0\0\0\0\0\0\0\1\177\3", 12, 0, NULL, NULL) = 11
[pid 26985] epoll_wait(7, <unfinished ...>
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=3623881680, u64=140255780932560}}) = 0
[pid 26982] recvfrom(10, 0x7f8fd8001343, 53, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)
[pid 26982] epoll_wait(7, [{events=EPOLLOUT, data={u32=3623881680, u64=140255780932560}}], 256, 29993) = 1
[pid 26982] sendto(10, "\3\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 54, 0, NULL, 0 <unfinished ...>
[pid 26985] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=536876144, u64=140570521506928}}], 256, 29999) = 1
[pid 26982] <... sendto resumed>) = 54
[pid 26985] recvfrom(9, <unfinished ...>
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3623881680, u64=140255780932560}} <unfinished ...>
[pid 26985] <... recvfrom resumed>"\3\1", 2, 0, NULL, NULL) = 2
[pid 26982] <... epoll_ctl resumed>) = 0
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN|EPOLLOUT, data={u32=536876144, u64=140570521506928}} <unfinished ...>
[pid 26982] epoll_wait(7, <unfinished ...>
[pid 26985] <... epoll_ctl resumed>) = 0
[pid 26985] recvfrom(9, "NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 52, 0, NULL, NULL) = 52
[pid 26985] recvfrom(9, 0x7fd920003d98, 8192, 0, NULL, NULL) = -1 EAGAIN (Resource temporarily unavailable)
[pid 26985] epoll_wait(7, [{events=EPOLLOUT, data={u32=536876144, u64=140570521506928}}], 256,

29998) = 1
[pid 26985] sendto(9, "\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, 0) = 53
[pid 26982] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=3623881680, u64=140255780932560}}], 256, 29992) = 1
[pid 26985] epoll_wait(7, <unfinished ...>
[pid 26982] recvfrom(10, <unfinished ...>
[pid 26985] <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=536876144, u64=140570521506928}}], 256, 29998) = 1
[pid 26982] <... recvfrom resumed>"\1NULL\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0"..., 53, 0, NULL, NULL) = 53
[pid 26985] sendto(9, "\4)\5READY\vSocket-Type\0\0\0\6DEALER\10I"..., 43, 0, NULL, 0 <unfinished ...>
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=3623881680, u64=140255780932560}} <unfinished ...>
[pid 26985] <... sendto resumed>) = 43
[pid 26982] <... epoll_ctl resumed>) = 0
[pid 26985] epoll_wait(7, <unfinished ...>
[pid 26982] recvfrom(10, <unfinished ...>
[pid 26985] <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=536876144, u64=140570521506928}}], 256, 29997) = 1
[pid 26982] <... recvfrom resumed>"\4)\5READY\vSocket-Type\0\0\0\6DEALER\10I"..., 8192, 0, NULL, NULL) = 43
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=536876144, u64=140570521506928}} <unfinished ...>
[pid 26982] epoll_wait(7, <unfinished ...>
[pid 26985] <... epoll_ctl resumed>) = 0
[pid 26982] <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=3623881680, u64=140255780932560}}], 256, 29991) = 1
[pid 26985] epoll_wait(7, <unfinished ...>
[pid 26982] getpid() = 26980
[pid 26982] write(8, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26980] <... poll resumed>) = 1 ([{fd=8, revents=POLLIN}])
[pid 26982] futex(0x7f8fe10087c8, FUTEX_WAKE_PRIVATE, 2147483647 <unfinished ...>
[pid 26980] getpid(<unfinished ...>
[pid 26982] <... futex resumed>) = 0
[pid 26982] sendto(10, "\4)\5READY\vSocket-Type\0\0\0\6DEALER\10I"..., 43, 0, NULL, 0 <unfinished ...>
[pid 26985] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=536876144, u64=140570521506928}}], 256, 29996) = 1
[pid 26982] <... sendto resumed>) = 43
[pid 26980] <... getpid resumed>) = 26980
[pid 26985] recvfrom(9, <unfinished ...>
[pid 26982] epoll_wait(7, <unfinished ...>
[pid 26980] read(8, <unfinished ...>
[pid 26985] <... recvfrom resumed>"\4)\5READY\vSocket-Type\0\0\0\6DEALER\10I"..., 8192, 0, NULL, NULL) = 43
[pid 26982] <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=3623881680, u64=140255780932560}}], 256, -1) = 1
[pid 26980] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN|EPOLLOUT, data={u32=536876144, u64=140570521506928}} <unfinished ...>
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3623881680, u64=140255780932560}} <unfinished ...>
[pid 26980] getpid(<unfinished ...>
[pid 26985] <... epoll_ctl resumed>) = 0
[pid 26982] <... epoll_ctl resumed>) = 0
[pid 26980] <... getpid resumed>) = 26980

[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=536876144, u64=140570521506928}} <unfinished ...>
[pid 26982] epoll_wait(7, <unfinished ...>
[pid 26980] poll([{fd=8, events=POLLIN}], 1, 0 <unfinished ...>
[pid 26985] <... epoll_ctl resumed>) = 0
[pid 26980] <... poll resumed>) = 0 (Timeout)
[pid 26985] epoll_wait(7, <unfinished ...>
[pid 26980] getpid() = 26980
[pid 26980] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26982] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=1525466624, u64=94615360030208}}], 256, -1) = 1
[pid 26980] wait4(-1, <unfinished ...>
[pid 26982] getpid() = 26980
[pid 26982] poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])
[pid 26982] getpid() = 26980
[pid 26982] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN|EPOLLOUT, data={u32=3623881680, u64=140255780932560}}) = 0
[pid 26982] sendto(10, "\0\0011", 3, 0, NULL, 0 <unfinished ...>
[pid 26985] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=536876144, u64=140570521506928}}], 256, -1) = 1
[pid 26982] <... sendto resumed>) = 3
[pid 26985] recvfrom(9, "\0\0011", 8192, 0, NULL, NULL) = 3
[pid 26982] getpid(<unfinished ...>
[pid 26985] getpid() = 26983
[pid 26982] <... getpid resumed>) = 26980
[pid 26985] write(8, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26982] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
[pid 26985] epoll_wait(7, <unfinished ...>
[pid 26983] <... poll resumed>) = 1 ([{fd=8, revents=POLLIN}])
[pid 26982] <... poll resumed>) = 0 (Timeout)
[pid 26983] getpid(<unfinished ...>
[pid 26982] epoll_wait(7, <unfinished ...>
[pid 26983] <... getpid resumed>) = 26983
[pid 26982] <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=3623881680, u64=140255780932560}}], 256, -1) = 1
[pid 26983] read(8, <unfinished ...>
[pid 26982] epoll_ctl(7, EPOLL_CTL_MOD, 10, {events=EPOLLIN, data={u32=3623881680, u64=140255780932560}} <unfinished ...>
[pid 26983] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid 26982] <... epoll_ctl resumed>) = 0
[pid 26983] getpid(<unfinished ...>
[pid 26982] epoll_wait(7, <unfinished ...>
[pid 26983] <... getpid resumed>) = 26983
[pid 26983] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26983] clock_nanosleep(CLOCK_REALTIME, 0, {tv_sec=2, tv_nsec=0}, <unfinished ...>
[pid 26980] <... wait4 resumed>0x7ffd610a6ce4, 0, NULL) = ? ERESTARTSYS (To be restarted if SA_RESTART is set)
[pid 26983] <... clock_nanosleep resumed>{tv_sec=0, tv_nsec=645349024}) = ? ERESTART_RESTARTBLOCK (Interrupted by signal)
[pid 26980] --- SIGWINCH {si_signo=SIGWINCH, si_code=SI_KERNEL} ---
[pid 26983] --- SIGWINCH {si_signo=SIGWINCH, si_code=SI_KERNEL} ---
[pid 26980] wait4(-1, <unfinished ...>
[pid 26983] restart_syscall(<... resuming interrupted clock_nanosleep ...>) = 0
[pid 26983] getpid() = 26983

```
[pid 26983] poll([{fd=8, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26983] getpid()                    = 26983
[pid 26983] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26985] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=3005111888, u64=93852335496784}}], 256, -1) = 1
[pid 26983] getpid( <unfinished ...>
[pid 26985] getpid( <unfinished ...>
[pid 26983] <... getpid resumed>)       = 26983
[pid 26985] <... getpid resumed>)       = 26983
[pid 26983] write(4, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
[pid 26985] poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])
[pid 26984] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=3005109776, u64=93852335494672}}], 256, -1) = 1
[pid 26983] <... write resumed>)        = 8
[pid 26985] getpid( <unfinished ...>
[pid 26984] getpid( <unfinished ...>
[pid 26985] <... getpid resumed>)       = 26983
[pid 26984] <... getpid resumed>)       = 26983
[pid 26985] read(6,  <unfinished ...>
[pid 26984] getpid( <unfinished ...>
[pid 26985] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid 26984] <... getpid resumed>)       = 26983
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN|EPOLLOUT, data={u32=536876144, u64=140570521506928}} <unfinished ...>
[pid 26984] poll([{fd=4, events=POLLIN}], 1, 0 <unfinished ...>
[pid 26985] <... epoll_ctl resumed>)    = 0
[pid 26984] <... poll resumed>)         = 1 ([{fd=4, revents=POLLIN}])
[pid 26985] sendto(9, "\0\0012", 3, 0, NULL, 0 <unfinished ...>
[pid 26984] getpid( <unfinished ...>
[pid 26985] <... sendto resumed>)       = 3
[pid 26982] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=3623881680, u64=140255780932560}}], 256, -1) = 1
[pid 26985] getpid( <unfinished ...>
[pid 26982] recvfrom(10,  <unfinished ...>
[pid 26985] <... getpid resumed>)       = 26983
[pid 26982] <... recvfrom resumed>"\0\0012", 8192, 0, NULL, NULL) = 3
[pid 26985] poll([{fd=6, events=POLLIN}], 1, 0 <unfinished ...>
[pid 26982] epoll_wait(7,  <unfinished ...>
[pid 26985] <... poll resumed>)         = 0 (Timeout)
[pid 26985] epoll_wait(7,  <unfinished ...>
[pid 26984] <... getpid resumed>)       = 26983
[pid 26985] <... epoll_wait resumed>[{events=EPOLLOUT, data={u32=536876144, u64=140570521506928}}], 256, -1) = 1
[pid 26984] read(4,  <unfinished ...>
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=536876144, u64=140570521506928}} <unfinished ...>
[pid 26984] <... read resumed>"\1\0\0\0\0\0\0\0", 8) = 8
[pid 26985] <... epoll_ctl resumed>)    = 0
[pid 26984] mmap(NULL, 134217728, PROT_NONE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0 <unfinished ...>
[pid 26985] epoll_wait(7,  <unfinished ...>
[pid 26983] getpid()                    = 26983
[pid 26983] getpid( <unfinished ...>
[pid 26984] <... mmap resumed>)         = 0x7fd918000000
[pid 26983] <... getpid resumed>)       = 26983
```

```
[pid 26984] munmap(0x7fd91c000000, 67108864) = 0
[pid 26984] mprotect(0x7fd918000000, 135168, PROT_READ|PROT_WRITE) = 0
[pid 26983] write(8, "\1\0\0\0\0\0\0\0", 8 <unfinished ...>
[pid 26984] epoll_ctl(5, EPOLL_CTL_ADD, 8, {events=0, data={u32=402656112, u64=140570387286896}} <unfinished ...>
[pid 26983] <... write resumed>)        = 8
[pid 26984] <... epoll_ctl resumed>)    = 0
[pid 26983] getpid( <unfinished ...>
[pid 26984] epoll_ctl(5, EPOLL_CTL_MOD, 8, {events=EPOLLIN, data={u32=402656112, u64=140570387286896}} <unfinished ...>
[pid 26983] <... getpid resumed>)       = 26983
[pid 26984] <... epoll_ctl resumed>)    = 0
[pid 26983] poll([{fd=3, events=POLLIN}], 1, -1 <unfinished ...>
[pid 26984] getpid()                    = 26983
[pid 26984] write(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26985] <... epoll_wait resumed>[{events=EPOLLIN, data={u32=3005111888, u64=93852335496784}}], 256, -1) = 1
[pid 26985] getpid( <unfinished ...>
[pid 26984] getpid( <unfinished ...>
[pid 26985] <... getpid resumed>)       = 26983
[pid 26985] poll([{fd=6, events=POLLIN}], 1, 0) = 1 ([{fd=6, revents=POLLIN}])
[pid 26985] getpid()                    = 26983
[pid 26985] read(6, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN|EPOLLOUT, data={u32=536876144, u64=140570521506928}}) = 0
[pid 26985] epoll_ctl(7, EPOLL_CTL_MOD, 9, {events=EPOLLIN, data={u32=536876144, u64=140570521506928}}) = 0
[pid 26985] getpid()                    = 26983
[pid 26985] poll([{fd=6, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26985] epoll_wait(7,  <unfinished ...>
[pid 26984] <... getpid resumed>)       = 26983
[pid 26984] getpid()                    = 26983
[pid 26984] poll([{fd=4, events=POLLIN}], 1, 0) = 0 (Timeout)
[pid 26984] epoll_wait(5, [{events=EPOLLIN, data={u32=402656112, u64=140570387286896}}], 256, -1) = 1
[pid 26984] getpid()                    = 26983
[pid 26984] poll([{fd=8, events=POLLIN}], 1, 0) = 1 ([{fd=8, revents=POLLIN}])
[pid 26984] getpid()                    = 26983
[pid 26984] read(8, "\1\0\0\0\0\0\0\0", 8) = 8
[pid 26984] getpid()                    = 26983
```

Вывод

Сделал примитивный планировщик джобов. Вспомнил некоторые алгоритмы работы с графами и про представление графов в компьютере в целом. Ещё раз попрактиковался с ZeroMQ.