

**МОСКОВСКИЙ АВИАЦИОННЫЙ ИНСТИТУТ
(НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ)**

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Кафедра 806 «Вычислительная математика и программирование»**

**Лабораторная работа №2
по курсу «Операционные системы»**

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Условие

Составить программу на языке Си, обрабатывающую данные в многопоточном режиме. При обработки использовать стандартные средства создания потоков операционной системы (Windows/Unix). Ограничение максимального количества потоков, работающих в один момент времени, должно быть задано ключом запуска вашей программы. Так же необходимо уметь продемонстрировать количество потоков, используемое вашей программой с помощью стандартных средств операционной системы.

Цель работы

Изучение механизмов управления потоками и обеспечение их синхронизации.

Задание

Есть K массивов одинаковой длины. Необходимо сложить эти массивы. Необходимо предусмотреть стратегию, адаптирующуюся под количество массивов и их длину.

Вариант

8

Метод решения

Данная программа реализует многопоточное поэлементное сложение K вещественных массивов одинаковой длины L с использованием библиотеки POSIX Threads (pthreads) и адаптивной стратегией распределения нагрузки.

Основной алгоритм:

- Генерируются K массивов длиной L с случайными значениями.
- Задача разбивается на блоки индексов, каждый поток суммирует элементы в своём диапазоне по всем K массивам.
- Число одновременно активных потоков ограничено параметром `max_threads`, заданным через аргумент командной строки.
- Каждый поток использует локальный буфер для промежуточных сумм, исключая гонки на этапе вычислений.
- Слияние результатов в общий вектор защищено мьютексом.
- Семафор ограничивает количество одновременно выполняющихся потоков.

Ключевые компоненты:

- `ArrayManager` — хранение и генерация массивов
- `ParallelSummer` — ядро параллельного суммирования (разбиение, потоки, синхронизация)

Системные вызовы (POSIX):

```
pthread_create, pthread_join,  
pthread_mutex_init/lock/unlock/destroy,  
sem_init, sem_wait, sem_post, sem_destroy,  
getpid()
```

Программа использует объектно-ориентированный подход с инкапсуляцией и RAII-подобным управлением ресурсами (мьютексы и семафоры уничтожаются в деструкторе).

Описание программы

Программа реализует эффективное многопоточное сложение K массивов длины L с динамической адаптацией числа потоков и строгим контролем над их количеством.

`main.cpp` — точка входа:

- парсит аргумент `max_threads`,
- создаёт объект `ArrayManager`, заполняет массивы случайными числами,
- выводит PID процесса для мониторинга потоков (`ps -T -p <pid>`),
- запускает `ParallelSummer`,
- выводит первые 10 элементов результата.

`ArrayManager` (`ArrayManager.h/.cpp`) —

- инкапсулирует $K \times L$ массивов в `std::vector<std::vector<double>>`,
- реализует равномерное заполнение случайными значениями.

`ParallelSummer` (`ParallelSummer.h/.cpp`) —

- хранит ссылку на входные данные и вектор результата,
- содержит `pthread_mutex_t` и `sem_t`,
- динамически вычисляет число потоков и размеры блоков,
- создаёт потоки через `pthread_create`,
- каждый поток выполняет функцию `sumRange` с локальными суммами,
- обеспечивает потокобезопасную агрегацию и освобождение ресурсов.

Сборка осуществляется через `CMakeLists.txt` с обязательной линковкой `-lpthread`.

Результаты

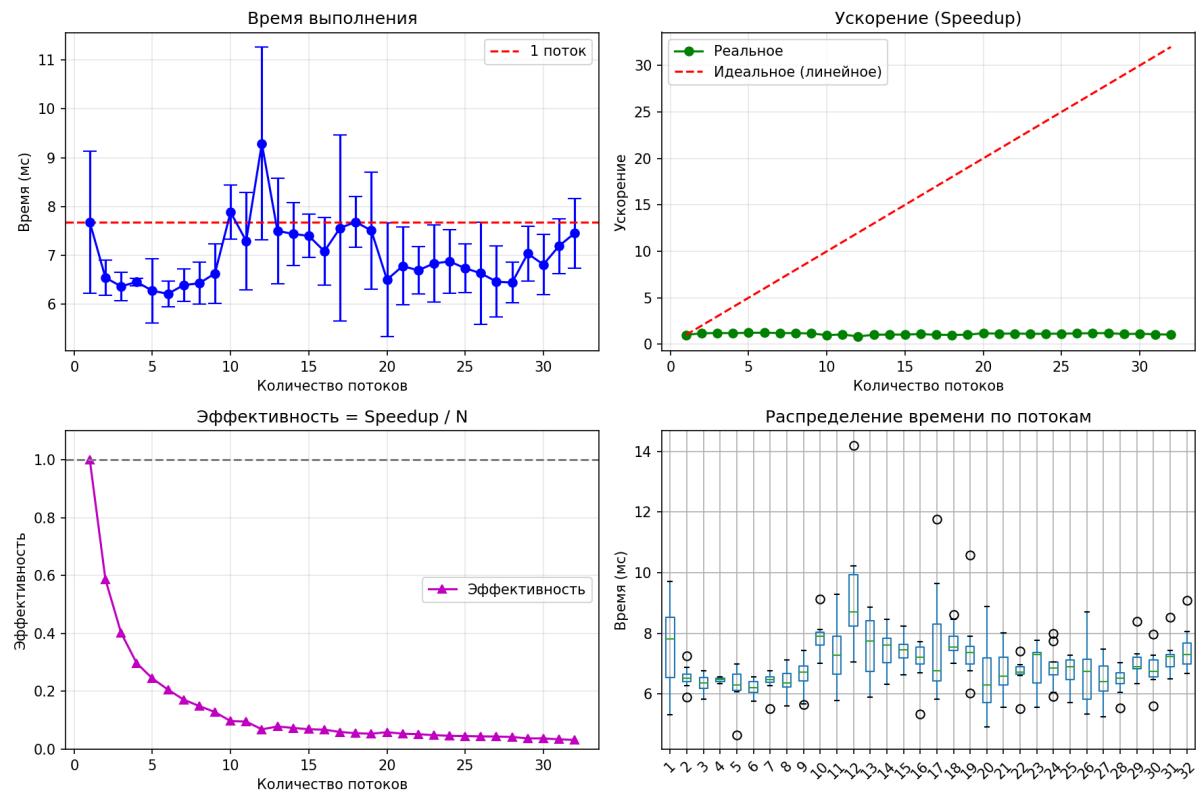
Разработанная программа успешно выполняет поставленную задачу обработки текстовых данных с помощью многопоточной обработки.

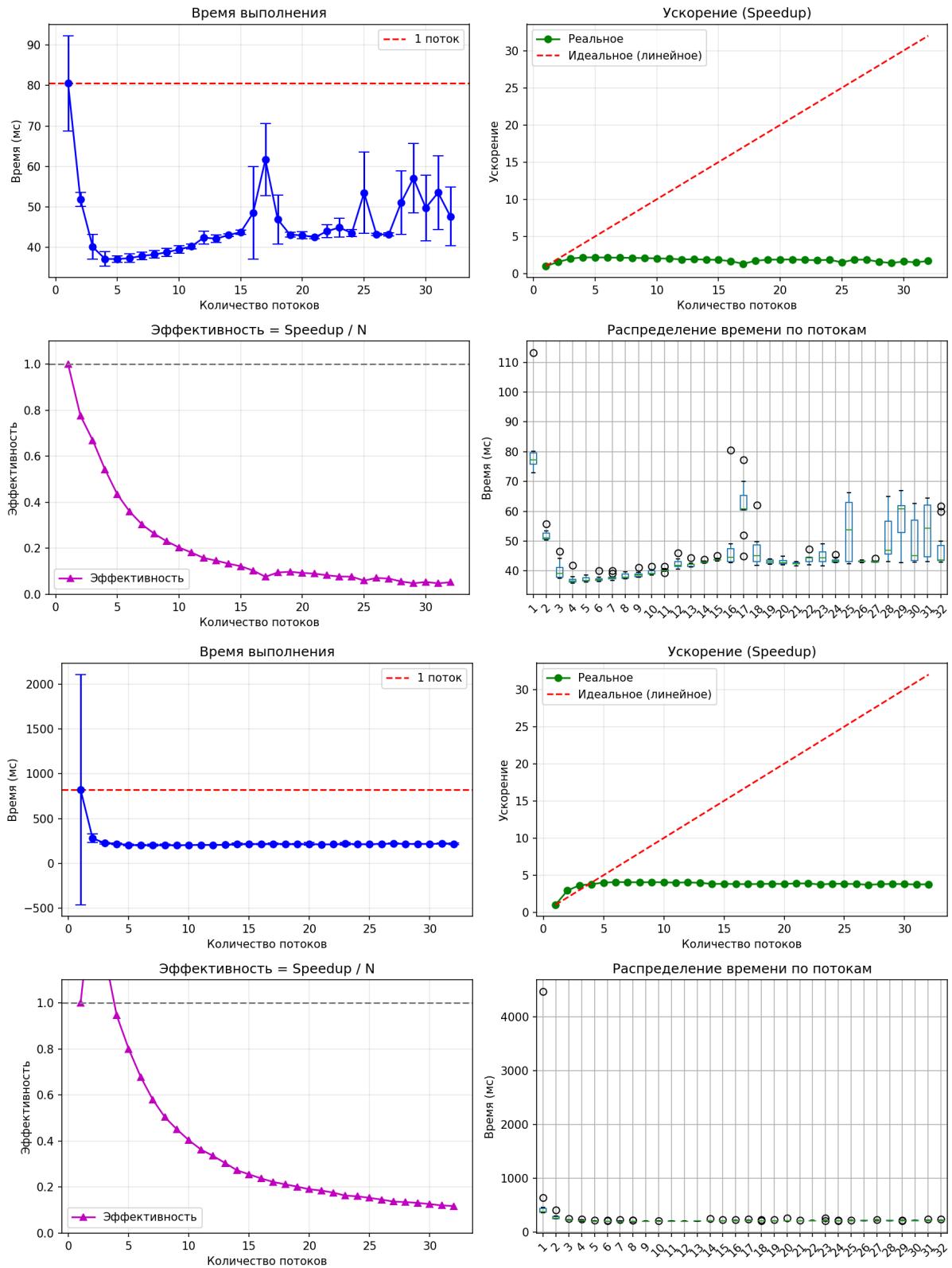
В ходе решения были достигнуты следующие ключевые результаты:

Корректная работа системы

Реализовано параллельное суммирование

автоматическая адаптация количества потоков под размер задачи и заданное ограничение по числу





Выходы

В ходе лабораторной работы успешно разработана и реализована эффективная, потоко-безопасная и адаптивная программа параллельного сложения массивов с использованием классических механизмов POSIX.

Исходная программа

Листинг 1: src/main.cpp — точка входа, парсинг аргументов, запуск параллельного суммирования

```
1 #include <iostream>
2 #include <fstream>
3 #include <vector>
4 #include <pthread.h>
5 #include <semaphore.h>
6 #include <unistd.h>
7 #include <cstdlib>
8 #include <ctime>
9 #include <iomanip>
10 #include <chrono>
11 #include <sstream>
12 #include "ArrayManager.h"
13 #include "ParallelSummer.h"
14
15 using namespace std::chrono;
16
17 int main(int argc, char *argv[])
18 {
19     int min_threads = 1;
20     int max_threads = 16;
21     int step = 1;
22     int num_runs = 10;
23     std::string output_file = "results.csv";
24
25     if (argc >= 2)
26         max_threads = std::atoi(argv[1]);
27     if (argc >= 3)
28         num_runs = std::atoi(argv[2]);
29     if (argc >= 4)
30         output_file = argv[3];
31
32     if (max_threads < 1 || num_runs < 1)
33     {
34         std::cerr << ":" << endl;
35         return 1;
36     }
37
38     std::srand(std::time(nullptr));
39     const int K = 10;
40     const int L = 1000000;
41
42     std::ofstream csv(output_file);
43     if (!csv.is_open())
44     {
45         std::cerr << " : " << output_file << endl;
46         return 1;
47     }
48
49     csv << "threads,run,time_ms\n";
50
51     std::cout << " : " << min_threads
52             << " : " << max_threads << ", : " << num_runs << endl;
```

```

54     ArrayManager array_manager(K, L);
55     array_manager.fillRandom(0.0, 100.0);
56     const auto &arrays = array_manager.getArrays();
57
58     for (int threads = min_threads; threads <= max_threads; threads += step)
59     {
60         double total_time = 0.0;
61
62         for (int run = 1; run <= num_runs; ++run)
63         {
64             ParallelSummer summer(arrays, L, threads);
65
66             auto start = high_resolution_clock::now();
67             summer.sumArrays();
68             auto end = high_resolution_clock::now();
69
70             double time_ms = duration<double, std::milli>(end - start).count();
71             total_time += time_ms;
72
73             csv << threads << "," << run << "," << std::fixed << std::setprecision(3)
74                 << time_ms << "\n";
75
76             std::cout << ":" << std::setw(2) << threads
77                 << " | : " << run << "/" << num_runs
78                 << " | : " << std::setw(8) << time_ms << " \r";
79             std::cout.flush();
80         }
81
82         double avg = total_time / num_runs;
83         std::cout << "\n      " << threads << " : " << avg << " \n";
84     }
85
86     csv.close();
87     std::cout << "\n!    : " << output_file << std::endl;
88     std::cout << " : python3 plot.py\n";
89
90     return 0;
91 }
```

Листинг 2: include/ArrayManager.h — объявление класса для хранения и генерации массивов

```

1 #pragma once
2
3 #include <vector>
4
5 class ArrayManager
6 {
7 private:
8     int num_arrays;
9     int array_length;
10    std::vector<std::vector<double>> arrays;
11
12 public:
13     ArrayManager(int k, int l);
14     void fillRandom(double min_val, double max_val);
```

```

15     const std::vector<std::vector<double>> &getArrays() const;
16     int getLength() const;
17 };

```

Листинг 3: src/ArrayManager.cpp — реализация генерации случайных данных

```

1 #include "ArrayManager.h"
2 #include <cstdlib>
3
4 ArrayManager::ArrayManager(int k, int l) : num_arrays(k), array_length(l)
5 {
6     arrays.resize(k, std::vector<double>(l, 0.0));
7 }
8
9 void ArrayManager::fillRandom(double min_val, double max_val)
10 {
11     for (int i = 0; i < num_arrays; ++i)
12     {
13         for (int j = 0; j < array_length; ++j)
14         {
15             arrays[i][j] = min_val + static_cast<double>(rand()) / RAND_MAX * (max_val
16                         - min_val);
17         }
18     }
19 }
20 const std::vector<std::vector<double>> &ArrayManager::getArrays() const
21 {
22     return arrays;
23 }
24
25 int ArrayManager::getLength() const
26 {
27     return array_length;
28 }

```

Листинг 4: include/ParallelSummer.h — объявление класса параллельного сумматора (pthreads + семафор)

```

1 #pragma once
2
3 #include <vector>
4 #include <pthread.h>
5 #include <semaphore.h>
6
7 class ParallelSummer
8 {
9 private:
10     const std::vector<std::vector<double>> &arrays;
11     int length;
12     int max_threads;
13     std::vector<double> result;
14     pthread_mutex_t mutex;
15     sem_t thread_sem;
16

```

```

17     struct ThreadArg
18     {
19         int start;
20         int end;
21         ParallelSummer *self;
22     };
23
24     static void *sumRange(void *arg);
25
26 public:
27     ParallelSummer(const std::vector<std::vector<double>> &arrs, int len, int max_th);
28     ~ParallelSummer();
29     void sumArrays();
30     const std::vector<double> &getResult() const;
31 };

```

Листинг 5: src/ParallelSummer.cpp — ядро программы: адаптивное разбиение, запуск потоков, локальные суммы

```

1 #include "ParallelSummer.h"
2 #include <iostream>
3 #include <algorithm>
4
5 ParallelSummer::ParallelSummer(const std::vector<std::vector<double>> &arrs, int len,
6     int max_th)
7     : arrays(arrs), length(len), max_threads(max_th), result(len, 0.0)
8 {
9     pthread_mutex_init(&mutex, nullptr);
10    sem_init(&thread_sem, 0, max_threads);
11 }
12 ParallelSummer::~ParallelSummer()
13 {
14     pthread_mutex_destroy(&mutex);
15     sem_destroy(&thread_sem);
16 }
17
18 void *ParallelSummer::sumRange(void *arg)
19 {
20     ThreadArg *t_arg = static_cast<ThreadArg *>(arg);
21     ParallelSummer *self = t_arg->self;
22     int start = t_arg->start;
23     int end = t_arg->end;
24
25     std::vector<double> local_sums(end - start, 0.0);
26     int num_arrays = self->arrays.size();
27
28     for (int idx = start; idx < end; ++idx)
29     {
30         for (int k = 0; k < num_arrays; ++k)
31         {
32             local_sums[idx - start] += self->arrays[k][idx];
33         }
34     }
35
36     pthread_mutex_lock(&self->mutex);

```

```

37     for (int idx = start; idx < end; ++idx)
38     {
39         self->result[idx] += local_sums[idx - start];
40     }
41     pthread_mutex_unlock(&self->mutex);
42
43     sem_post(&self->thread_sem);
44     delete t_arg;
45     return nullptr;
46 }
47
48 void ParallelSummer::sumArrays()
49 {
50     int num_threads = std::min(max_threads, length);
51     int min_chunk = 100;
52     num_threads = std::min(num_threads, length / min_chunk + 1);
53     if (num_threads <= 0)
54         num_threads = 1;
55
56     std::vector<pthread_t> threads(num_threads);
57     int chunk_size = length / num_threads;
58     int remainder = length % num_threads;
59
60     int current_start = 0;
61     for (int i = 0; i < num_threads; ++i)
62     {
63         int current_end = current_start + chunk_size + (i < remainder ? 1 : 0);
64         sem_wait(&thread_sem);
65
66         ThreadArg *arg = new ThreadArg{current_start, current_end, this};
67
68         if (pthread_create(&threads[i], nullptr, sumRange, arg) != 0)
69         {
70             std::cerr << "    " << i << std::endl;
71             sem_post(&thread_sem);
72             delete arg;
73         }
74
75         current_start = current_end;
76     }
77
78     for (int i = 0; i < num_threads; ++i)
79     {
80         pthread_join(threads[i], nullptr);
81     }
82 }
83
84 const std::vector<double> &ParallelSummer::getResult() const
85 {
86     return result;
87 }

```

Системные вызовы

futex(0x7cad6087a7bc, FUTEX_WAKE_PRIVATE, 2147483647) = 0

clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|
=>{parent_tid=[41688]}, 88) = 41688

```
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41688,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41689]},88) = 41689  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41689,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41690]},88) = 41690  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41690,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41691]},88) = 41691  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41691,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41692]},88) = 41692  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41692,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41693]},88) = 41693  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41693,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41694]},88) = 41694  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41694,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41695]},88) = 41695  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41695,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41696]},88) = 41696  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41696,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41697]},88) = 41697  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41697,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41698]},88) = 41698  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41699]},88) = 41699  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41698,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41699,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41700]},88) = 41700
```

```
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41701]},88) = 41701  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41700,NULL,FU  
<unfinished ...>  
[pid 41701] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41700] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 1  
[pid 41701] <... futex resumed> = 0  
[pid 41701] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
[pid 41687] <... futex resumed> = 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41701,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41702]},88) = 41702  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41703]},88) = 41703  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41702,NULL,FU  
<unfinished ...>  
[pid 41703] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41702] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>  
[pid 41703] <... futex resumed> = 0  
[pid 41702] <... futex resumed> = 1  
[pid 41687] <... futex resumed> = 0  
[pid 41703] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41703,NULL,FU  
<unfinished ...>  
[pid 41703] <... futex resumed> = 0  
[pid 41687] <... futex resumed> = 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41704]},88) = 41704  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41705]},88) = 41705  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41704,NULL,FU  
<unfinished ...>  
[pid 41704] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41705] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 1  
[pid 41704] <... futex resumed> = 0  
[pid 41704] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
[pid 41687] <... futex resumed> = 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41706]},88) = 41706  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41707]},88) = 41707  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41706,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41707,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41708]},88) = 41708
```

```
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41709]},88) = 41709  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41708,NULL,FU  
<unfinished ...>  
[pid 41708] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41709] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
[pid 41708] <... futex resumed> = -1 EAGAIN (Resource temporarily unavailable)  
[pid 41708] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
[pid 41687] <... futex resumed> = 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41710]},88) = 41710  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41711]},88) = 41711  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41710,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41711,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41712]},88) = 41712  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41713]},88) = 41713  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41712,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41713,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41714]},88) = 41714  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41715]},88) = 41715  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41714,NULL,FU  
<unfinished ...>  
[pid 41715] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41714] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>  
[pid 41715] <... futex resumed> = -1 EAGAIN (Resource temporarily unavailable)  
[pid 41714] <... futex resumed> = 0  
[pid 41715] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
<... futex resumed> = 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41716]},88) = 41716  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41717]},88) = 41717  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41716,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41717,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41718]},88) = 41718  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
```

```
=>{parent_tid=[41719],88) = 41719
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41720],88) = 41720
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41718,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41719,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41720,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|
=>{parent_tid=[41721],88) = 41721
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41722],88) = 41722
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41723],88) = 41723
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41721,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41722,NULL,FU
<unfinished ...>
[pid 41723] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41722] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41723] <... futex resumed>) = -1 EAGAIN (Resource temporarily unavailable)
[pid 41723] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41687] <... futex resumed>) = 0
[pid 41723] <... futex resumed>) = 0
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41723,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|
=>{parent_tid=[41724],88) = 41724
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41725],88) = 41725
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41726],88) = 41726
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41724,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41725,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41726,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|
=>{parent_tid=[41727],88) = 41727
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41728],88) = 41728
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41729],88) = 41729
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41727,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41728,NULL,FU
```

```
<unfinished ...>
[pid 41729] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41728] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41729] <... futex resumed>          = -1 EAGAIN (Resource temporarily unavailable)
[pid 41687] <... futex resumed>          = 0
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41729,NULL,FU
<unfinished ...>
[pid 41729] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed>          = 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41730]},88) = 41730
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41731]},88) = 41731
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41732]},88) = 41732
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41730,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41731,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41732,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41733]},88) = 41733
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41734]},88) = 41734
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41735]},88) = 41735
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41733,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41734,NULL,FU
= 0
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41735,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41736]},88) = 41736
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41737]},88) = 41737
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41738]},88) = 41738
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41736,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41737,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41738,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41739]},88) = 41739
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
```

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=>{parent_tid=[41740]},88) = 41740
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41741]},88) = 41741
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41739,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41740,NULL,FU
= 0
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41741,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41742]},88) = 41742
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41743]},88) = 41743
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41744]},88) = 41744
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41742,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41743,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41744,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41745]},88) = 41745
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41746]},88) = 41746
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41747]},88) = 41747
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41745,NULL,FU
<unfinished ...>
[pid 41746] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41745] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 1
[pid 41746] <... futex resumed> = 0
[pid 41746] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41747] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41687] <... futex resumed> = 0
[pid 41747] <... futex resumed> = 1
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41746,NULL,FU
<unfinished ...>
[pid 41746] <... futex resumed> = 0
[pid 41746] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed> = 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41748]},88) = 41748
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41749]},88) = 41749
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41750]},88) = 41750
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
```

```
=>{parent_tid=[41751]},88) = 41751
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41748,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41749,NULL,FU
<unfinished ...>
[pid 41750] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41749] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41750] <... futex resumed> = -1 EAGAIN (Resource temporarily unavailable)
[pid 41749] <... futex resumed> = 0
[pid 41750] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed> = 0
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41751,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41752]},88) = 41752
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41753]},88) = 41753
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41754]},88) = 41754
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41755]},88) = 41755
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41752,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41753,NULL,FU
<unfinished ...>
[pid 41754] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41753] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 1
[pid 41754] <... futex resumed> = 0
[pid 41755] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41754] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41755] <... futex resumed> = 0
[pid 41754] <... futex resumed> = 1
[pid 41687] <... futex resumed> = 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41754,NULL,FU
<unfinished ...>
[pid 41755] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed> = 0
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41755,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41756]},88) = 41756
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41757]},88) = 41757
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41758]},88) = 41758
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41759]},88) = 41759
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41756,NULL,FU
```

```
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41757,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41758,NULL,FU
= 0
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41759,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41760]},88) = 41760
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41761]},88) = 41761
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41762]},88) = 41762
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41763]},88) = 41763
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41760,NULL,FU
<unfinished ...>
[pid 41761] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41760] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41761] <... futex resumed> = -1 EAGAIN (Resource temporarily unavailable)
[pid 41760] <... futex resumed> = 0
[pid 41761] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41762] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 1
[pid 41761] <... futex resumed> = 0
[pid 41687] <... futex resumed> = 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41761,NULL,FU
<unfinished ...>
[pid 41763] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41761] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41763] <... futex resumed> = 0
[pid 41761] <... futex resumed> = 1
[pid 41763] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed> = 0
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41763,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41764]},88) = 41764
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41765]},88) = 41765
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41766]},88) = 41766
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41767]},88) = 41767
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41764,NULL,FU
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41765,NULL,FU
<unfinished ...>
[pid 41766] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
```

```
[pid 41765] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41766] <... futex resumed>          = -1 EAGAIN (Resource temporarily unavailable)
[pid 41765] <... futex resumed>          = 0
[pid 41767] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41766] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41767] <... futex resumed>          = -1 EAGAIN (Resource temporarily unavailable)
[pid 41766] <... futex resumed>          = 0
[pid 41687] <... futex resumed>          = 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41766,NULL,FU
<unfinished ...>
[pid 41767] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed>          = 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41768]},88) = 41768
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41769]},88) = 41769
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41770]},88) = 41770
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41771]},88) = 41771
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41768,NULL,FU
<unfinished ...>
[pid 41769] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41768] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41769] <... futex resumed>          = -1 EAGAIN (Resource temporarily unavailable)
[pid 41768] <... futex resumed>          = 0
[pid 41769] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed>          = 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41769,NULL,FU
<unfinished ...>
[pid 41771] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41770] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 1
[pid 41771] <... futex resumed>          = 0
[pid 41687] <... futex resumed>          = 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41770,NULL,FU
<unfinished ...>
[pid 41771] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed>          = 0
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41771,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41772]},88) = 41772
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41773]},88) = 41773
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41774]},88) = 41774
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41775]},88) = 41775
```

```
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41772,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41773,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41774,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41775,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41776]},88) = 41776  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41777]},88) = 41777  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41778]},88) = 41778  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41779]},88) = 41779  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41776,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41777,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41778,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41779,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41780]},88) = 41780  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41781]},88) = 41781  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41782]},88) = 41782  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41783]},88) = 41783  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41780,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41781,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41782,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41783,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41784]},88) = 41784  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41785]},88) = 41785  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41786]},88) = 41786  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41787]},88) = 41787
```

```
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41784,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41785,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41786,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41787,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41788]},88) = 41788  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41789]},88) = 41789  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41790]},88) = 41790  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41791]},88) = 41791  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41792]},88) = 41792  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41789,NULL,FU  
= -1 EAGAIN (Resource temporarily unavailable)  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41790,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41791,NULL,FU  
= 0  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41792,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41793]},88) = 41793  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41794]},88) = 41794  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41795]},88) = 41795  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41796]},88) = 41796  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41797]},88) = 41797  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41794,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41795,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41796,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41797,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41798]},88) = 41798  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41799]},88) = 41799
```

```
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41800]},88) = 41800  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41801]},88) = 41801  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41802]},88) = 41802  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41799,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41800,NULL,FU  
<unfinished ...>  
[pid 41800] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41801] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>  
[pid 41800] <... futex resumed> = -1 EAGAIN (Resource temporarily unavailable)  
[pid 41801] <... futex resumed> = 0  
[pid 41800] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
[pid 41687] <... futex resumed> = 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41803]},88) = 41803  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41804]},88) = 41804  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41805]},88) = 41805  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41806]},88) = 41806  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41807]},88) = 41807  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41804,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41805,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41806,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41807,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41808]},88) = 41808  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41809]},88) = 41809  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41810]},88) = 41810  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41811]},88) = 41811  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41812]},88) = 41812  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41809,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41810,NULL,FU  
= 0
```

```
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41811,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41813]},88) = 41813  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41814]},88) = 41814  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41815]},88) = 41815  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41816]},88) = 41816  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41817]},88) = 41817  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41813,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41814,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41815,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41816,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41817,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41818]},88) = 41818  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41819]},88) = 41819  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41820]},88) = 41820  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41821]},88) = 41821  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41822]},88) = 41822  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41819,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41820,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41821,NULL,FU  
= 0  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41822,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41823]},88) = 41823  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41824]},88) = 41824  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41825]},88) = 41825  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
```

```
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41827]},88) = 41827  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41824,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41825,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41826,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41827,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41828]},88) = 41828  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41829]},88) = 41829  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41830]},88) = 41830  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41831]},88) = 41831  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41832]},88) = 41832  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41828,NULL,FU  
<unfinished ...>  
[pid 41829] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41830] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>  
[pid 41687] <... futex resumed> = 0  
[pid 41830] <... futex resumed> = 1  
[pid 41829] <... futex resumed> = 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41829,NULL,FU  
<unfinished ...>  
[pid 41829] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
[pid 41687] <... futex resumed> = 0  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41831,NULL,FU  
= 0  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41832,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41833]},88) = 41833  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41834]},88) = 41834  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41835]},88) = 41835  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41836]},88) = 41836  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41837]},88) = 41837  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41834,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41835,NULL,FU
```

```
= 0
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41836,NULL,FU
= 0
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41837,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41838]},88) = 41838
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41839]},88) = 41839
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41840]},88) = 41840
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41841]},88) = 41841
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41842]},88) = 41842
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41843]},88) = 41843
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41838,NULL,FU
<unfinished ...>
[pid 41840] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41838] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41840] <... futex resumed>) = -1 EAGAIN (Resource temporarily unavailable)
[pid 41838] <... futex resumed>) = 0
[pid 41842] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41840] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41839] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41842] <... futex resumed>) = 0
[pid 41841] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41839] <... futex resumed>) = -1 EAGAIN (Resource temporarily unavailable)
[pid 41841] <... futex resumed>) = 1
[pid 41840] <... futex resumed>) = 0
[pid 41840] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>
[pid 41839] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41687] <... futex resumed>) = 0
[pid 41840] <... futex resumed>) = 0
[pid 41839] <... futex resumed>) = 1
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41839,NULL,FU
<unfinished ...>
[pid 41840] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] <... futex resumed>) = 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41840,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41844]},88) = 41844
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41845]},88) = 41845
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41846]},88) = 41846
```

```
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41847]},88) = 41847  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41848]},88) = 41848  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41849]},88) = 41849  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41846,NULL,FU  
= -1 EAGAIN (Resource temporarily unavailable)  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41847,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41848,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41849,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41850]},88) = 41850  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41851]},88) = 41851  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41852]},88) = 41852  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41853]},88) = 41853  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41854]},88) = 41854  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41855]},88) = 41855  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41853,NULL,FU  
= 0  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41854,NULL,FU  
= 0  
[pid 41687] futex(0x7cad43fff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41855,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41856]},88) = 41856  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41857]},88) = 41857  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41858]},88) = 41858  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41859]},88) = 41859  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41860]},88) = 41860  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41861]},88) = 41861  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41859,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41860,NULL,FU  
= 0
```

```
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41861,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41862]},88) = 41862  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41863]},88) = 41863  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41864]},88) = 41864  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41865]},88) = 41865  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41866]},88) = 41866  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41867]},88) = 41867  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41864,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41865,NULL,FU  
= 0  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41866,NULL,FU  
= 0  
[pid 41687] futex(0x7cad43fff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41867,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41868]},88) = 41868  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41869]},88) = 41869  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41870]},88) = 41870  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41871]},88) = 41871  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41872]},88) = 41872  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41873]},88) = 41873  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41871,NULL,FU  
= -1 EAGAIN (Resource temporarily unavailable)  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41872,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41873,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41874]},88) = 41874  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41875]},88) = 41875  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41876]},88) = 41876  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41877]},88) = 41877
```

```
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41878]},88) = 41878  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41879]},88) = 41879  
[pid 41877] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41876] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>  
[pid 41877] <... futex resumed> = -1 EAGAIN (Resource temporarily unavailable)  
[pid 41876] <... futex resumed> = 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41876,NULL,FU  
<unfinished ...>  
[pid 41877] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
[pid 41687] <... futex resumed> = 0  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41877,NULL,FU  
= -1 EAGAIN (Resource temporarily unavailable)  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41878,NULL,FU  
= 0  
[pid 41687] futex(0x7cad43fff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41879,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41880]},88) = 41880  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41881]},88) = 41881  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41882]},88) = 41882  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41883]},88) = 41883  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41884]},88) = 41884  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41885]},88) = 41885  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41883,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41884,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41885,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41886]},88) = 41886  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41887]},88) = 41887  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41888]},88) = 41888  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41889]},88) = 41889  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41890]},88) = 41890  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41891]},88) = 41891
```

```
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41889,NULL,FU  
= 0  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41890,NULL,FU  
= 0  
[pid 41687] futex(0x7cad43ffff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41891,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41892]},88) = 41892  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41893]},88) = 41893  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41894]},88) = 41894  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41895]},88) = 41895  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41896]},88) = 41896  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41897]},88) = 41897  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41894,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41895,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41896,NULL,FU  
= 0  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41897,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41898]},88) = 41898  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41899]},88) = 41899  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41900]},88) = 41900  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41901]},88) = 41901  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41902]},88) = 41902  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41903]},88) = 41903  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41904]},88) = 41904  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41902,NULL,FU  
= 0  
[pid 41687] futex(0x7cad43ffff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41903,NULL,FU  
= 0  
[pid 41687] futex(0x7cad437fe990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41904,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41905]},88) = 41905
```

```
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41906]},88) = 41906  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41907]},88) = 41907  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41908]},88) = 41908  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41909]},88) = 41909  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41910]},88) = 41910  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41911]},88) = 41911  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41910,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41911,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41912]},88) = 41912  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41913]},88) = 41913  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41914]},88) = 41914  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41915]},88) = 41915  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41916]},88) = 41916  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41917]},88) = 41917  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41918]},88) = 41918  
[pid 41687] futex(0x7cad43fff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41917,NULL,FU  
= 0  
[pid 41687] futex(0x7cad437fe990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41918,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41919]},88) = 41919  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41920]},88) = 41920  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41921]},88) = 41921  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41922]},88) = 41922  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41923]},88) = 41923  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
<unfinished ...>  
[pid 41921] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41687] <... clone3 resumed>=>{parent_tid=[41924]},88) = 41924
```

```
[pid 41922] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>
[pid 41921] <... futex resumed>          = -1 EAGAIN (Resource temporarily unavailable)
[pid 41922] <... futex resumed>          = 0
[pid 41921] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41925]},88) = 41925
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41923,NULL,FU
= -1 EAGAIN (Resource temporarily unavailable)
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41924,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41925,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|
=>{parent_tid=[41926]},88) = 41926
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41927]},88) = 41927
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41928]},88) = 41928
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41929]},88) = 41929
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41930]},88) = 41930
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41931]},88) = 41931
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41932]},88) = 41932
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41930,NULL,FU
= -1 EAGAIN (Resource temporarily unavailable)
[pid 41687] futex(0x7cad43fff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41931,NULL,FU
= 0
[pid 41687] futex(0x7cad437fe990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41932,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|
=>{parent_tid=[41933]},88) = 41933
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41934]},88) = 41934
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41935]},88) = 41935
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41936]},88) = 41936
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41937]},88) = 41937
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41938]},88) = 41938
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41939]},88) = 41939
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41938,NULL,FU
= 0
```

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[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41939,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41940]},88) = 41940  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41941]},88) = 41941  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41942]},88) = 41942  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41943]},88) = 41943  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41944]},88) = 41944  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41945]},88) = 41945  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41946]},88) = 41946  
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41943,NULL,FU  
<unfinished ...>  
[pid 41945] futex(0x7ffd1a80f818,FUTEX_WAIT_PRIVATE,2,NULL <unfinished ...>  
[pid 41944] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1 <unfinished ...>  
[pid 41945] <... futex resumed> = -1 EAGAIN (Resource temporarily unavailable)  
[pid 41944] <... futex resumed> = 0  
[pid 41687] <... futex resumed> = 0  
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41944,NULL,FU  
<unfinished ...>  
[pid 41945] futex(0x7ffd1a80f818,FUTEX_WAKE_PRIVATE,1) = 0  
[pid 41687] <... futex resumed> = 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41947]},88) = 41947  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41948]},88) = 41948  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41949]},88) = 41949  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41950]},88) = 41950  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41951]},88) = 41951  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41952]},88) = 41952  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL  
=>{parent_tid=[41953]},88) = 41953  
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41952,NULL,FU  
= 0  
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41953,NULL,FU  
= 0  
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|  
=>{parent_tid=[41954]},88) = 41954  
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
```

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=>{parent_tid=[41955],88) = 41955
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41956],88) = 41956
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41957],88) = 41957
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41958],88) = 41958
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41959],88) = 41959
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41960],88) = 41960
[pid 41687] futex(0x7cad58e05990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41958,NULL,FU
= 0
[pid 41687] futex(0x7cad43fff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41959,NULL,FU
= 0
[pid 41687] futex(0x7cad437fe990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41960,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41961],88) = 41961
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41962],88) = 41962
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41963],88) = 41963
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41964],88) = 41964
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41965],88) = 41965
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41966],88) = 41966
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41967],88) = 41967
[pid 41687] futex(0x7cad5ae09990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41965,NULL,FU
= -1 EAGAIN (Resource temporarily unavailable)
[pid 41687] futex(0x7cad5a608990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41966,NULL,FU
= 0
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41967,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41968],88) = 41968
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41969],88) = 41969
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41970],88) = 41970
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41971],88) = 41971
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41972],88) = 41972
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
```

```
=>{parent_tid=[41973]},88) = 41973
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41974]},88) = 41974
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41975]},88) = 41975
[pid 41687] futex(0x7cad437fe990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41974,NULL,FU
= 0
[pid 41687] futex(0x7cad42ffd990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41975,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41976]},88) = 41976
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41977]},88) = 41977
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41978]},88) = 41978
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41979]},88) = 41979
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41980]},88) = 41980
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41981]},88) = 41981
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41982]},88) = 41982
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41983]},88) = 41983
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41982,NULL,FU
= 0
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41983,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[41984]},88) = 41984
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41985]},88) = 41985
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41986]},88) = 41986
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41987]},88) = 41987
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41988]},88) = 41988
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41989]},88) = 41989
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41990]},88) = 41990
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[41991]},88) = 41991
[pid 41687] futex(0x7cad437fe990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41990,NULL,FU
= 0
[pid 41687] futex(0x7cad42ffd990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,41991,NULL,FU
```



```
=>{parent_tid=[42010],88) = 42010
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42011],88) = 42011
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42012],88) = 42012
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42013],88) = 42013
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42014],88) = 42014
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42015],88) = 42015
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42014,NULL,FU
= 0
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42015,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|
=>{parent_tid=[42016],88) = 42016
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42017],88) = 42017
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42018],88) = 42018
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42019],88) = 42019
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42020],88) = 42020
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42021],88) = 42021
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42022],88) = 42022
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42023],88) = 42023
[pid 41687] futex(0x7cad43fff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42021,NULL,FU
= 0
[pid 41687] futex(0x7cad437fe990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42022,NULL,FU
= 0
[pid 41687] futex(0x7cad42ffd990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42023,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|
=>{parent_tid=[42024],88) = 42024
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42025],88) = 42025
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42026],88) = 42026
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42027],88) = 42027
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42028],88) = 42028
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
```

```
=>{parent_tid=[42029],88) = 42029
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42030],88) = 42030
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42031],88) = 42031
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42030,NULL,FU
= 0
[pid 41687] futex(0x7cad59606990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42031,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[42032],88) = 42032
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42033],88) = 42033
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42034],88) = 42034
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42035],88) = 42035
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42036],88) = 42036
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42037],88) = 42037
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42038],88) = 42038
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42039],88) = 42039
[pid 41687] futex(0x7cad43fff990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42037,NULL,FU
= 0
[pid 41687] futex(0x7cad437fe990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42038,NULL,FU
= 0
[pid 41687] futex(0x7cad42ffd990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42039,NULL,FU
= 0
clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|C
=>{parent_tid=[42040],88) = 42040
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42041],88) = 42041
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42042],88) = 42042
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42043],88) = 42043
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42044],88) = 42044
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42045],88) = 42045
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42046],88) = 42046
[pid 41687] clone3({flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CL
=>{parent_tid=[42047],88) = 42047
[pid 41687] futex(0x7cad59e07990,FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME,42046,NULL,FU
```

= 0

[pid 41687] futex(0x7cad59606990, FUTEX_WAIT_BITSET|FUTEX_CLOCK_REALTIME, 42047, NULL, FU
= 0