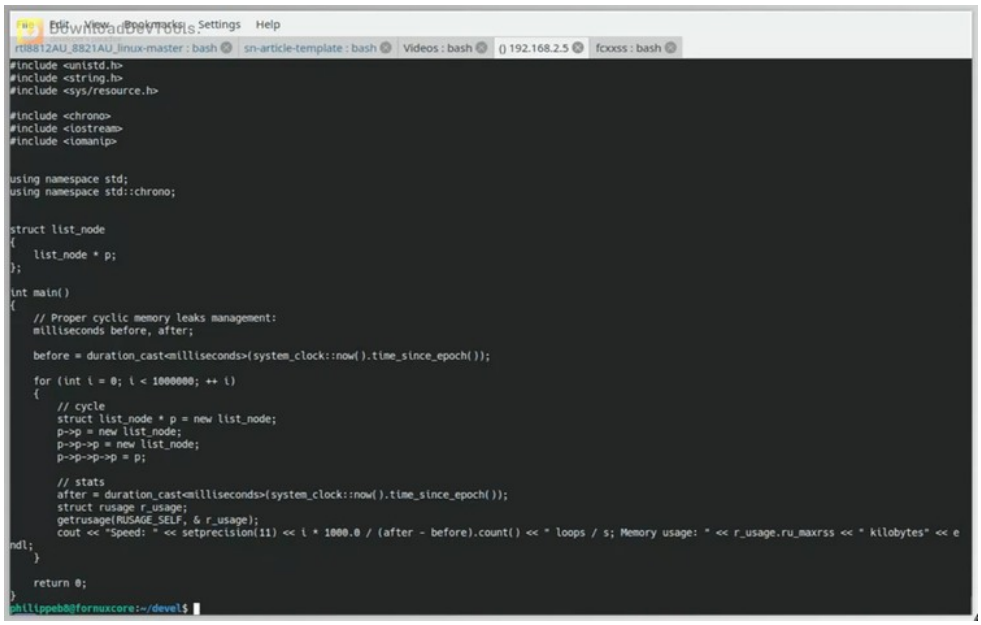
Fornux C Plus Plus Superset v1.1.0 for Win x64

2025-02-11 21:11:45





```
#include <unistd.h>
#include <string.h>
#include <sys/resource.h>

#include <chrono>
#include <iostream>
#include <iomanip>


using namespace std;
using namespace std::chrono;


struct list_node
{
    list_node * p;
};

int main()
{
    // Proper cyclic memory leaks management:
    milliseconds before, after;

    before = duration_cast<milliseconds>(system_clock::now().time_since_epoch());

    for (int i = 0; i < 1000000; ++ i)
    {
        // cycle
        struct list_node * p = new list_node;
        p->p = new list_node;
        p->p->p = new list_node;
        p->p->p->p = p;

        // stats
        after = duration_cast<milliseconds>(system_clock::now().time_since_epoch());
        struct rusage r_usage;
        getrusage(RUSAGE_SELF, & r_usage);
        cout << "Speed: " << setprecision(11) << i * 1000.0 / (after - before).count() << " loops / s; Memory usage: " << r_usage.ru_maxrss << " kilobytes" << e
ndl;
    }

    return 0;
}
philippeb8@fornuxcore:~/devel$
```

makes your C/C++ programs smarter and more efficient. Laggy repeats the design of most Active Record and Entity framework libraries to automatically improve how your code handles memory by adding a reliable and predictable memory manager without writing a single line of code. And anyway, it makes fixing those tricky memory leaks easier, even those created by complex cyclic references —when the memory blocks are obstinately stuck looking at each other. Unlike other tools, Fornux C++ Superset doesn't take any memory, doesn't slow your program, and is ideal for small embedded devices or high-performance applications.

Fornux C Plus Plus Superset ships with any ISO C++17 compatible provider. There's every chance it will save developers time and energy and help them write cleaner, better code with little effort. Fornux C++ Superset is the ultimate solution for developers who want reliable, energy-efficient, and hassle-free memory management in their C++ projects.

Key Features of **Fornux C Plus Plus Superset** :

1. **Smart Memory Management:** Automatically injects a deterministic memory manager into your C/C++ code, ensuring efficient memory usage.
2. **Fixes All Memory Leaks:** Detects and resolves memory leaks, including challenging cyclic leaks where memory blocks point to each other.
3. **No Performance Trade-Offs:** Keeps your programs fast and lightweight, without adding extra memory overhead or slowing down the final executable.
4. **Broad Compatibility:** Works on Linux, Windows, and as a SaaS, supporting all compilers that adhere to ISO C++17 standards.

版本列表

Fornux C Plus Plus Superset v1.1.0 for Win x64

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Applications Tools