C++ Club Meeting Notes

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A new decade, a new tool: libman

- · Colby Pike (vector-of-bool)
- · Reddit

A hidden gem: inner_product

Article

A hidden gem: inner_product



Conor Hoekstra @code_report @cojdb_ns & @TartanLlama

This makes me so incredibly happy! I literally just yesterday googled, C++17 / C++20 zip to see if they had anything, because I wrote some code in both C++ and #Python and Python was so much more beautiful.

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Conor Hoekstra @code_report

Also, I just discovered std::inner_product - a beautiful temporary solution to a lack of zip.

#cpp #inner_product

```
int solve(int h, vectorcint> w, vectorcint> 1) {
    return max(0, inner_product(begin(v), end(v), begin(1), 0,
    [[auto a, auto b) { return max(a, b); },
    [[auto a, auto b) { return a - b / 4; }) - b);
}

27w • 16/12/2018 • 09:30
```

Lingo 0.1.0: Text encoding for modern C++

- GitHub: C++11, MIT
- · Reddit

Argumentum

Argumentum is a C++17 library for writing command-line program interfaces, inspired by Python argparse

• GitHub: C++17, MPL

· Reddit