

# I BUILT MY OWN LANGUAGE

MEET BEACON (BPL) v2.0

IT'S FINALLY HERE.

# | WHY THO? 😭

## THE STRUGGLE

- > Python is too slow for heavy lifting.
- > C is painful to write and maintain.
- > I wanted something **better**.

## THE SOLUTION

I built a language that reads like English but runs like C.

[ **Readable + Fast** ]

# | BUILT FROM SCRATCH 💪

## FRONTEND

Custom Lexer & Parser built by  
hand.

## ZERO DEPS

No external libraries. Pure  
formatting.

## SPEED

Native execution performance.

## BACKEND

Compiles to a high-performance C  
Engine.

# | CLEANER THAN PYTHON?

Check out the new loop syntax I just dropped in v2.0.

No more `range(len())` mess.

**Just readable logic.**

```
traverse i from 1 to 10:  
    show "Beacon is live! |i|"  
done
```

BEACON v2.0

# | WHAT'S NEW IN V2.0? 🔥



## PACK COLLECTIONS

Easily manage groups of data: `firm_nums = pack(1, 2, 3)`



## OPTIMIZED PERFORMANCE

Refined C interpretation for even faster runtime execution.



## SMART TYPES

The compiler now auto-detects numbers vs text contexts intelligently.