



atoi in C\*

(proper character and exception handling removed)

```
uint64_t atoi(uint64_t* s) {  
    uint64_t n;  
  
    n = 0;  
  
    // loop until s is terminated  
    while (*s != 0) {  
        // use base 10, offset by '0'  
        n = n * 10 + *s - '0';  
  
        // go to next digit  
        s = s + 1;  
    }  
  
    return n;  
}
```

Click [at oi](#) to see the actual code in selfie.

We provide such links throughout the presentation.

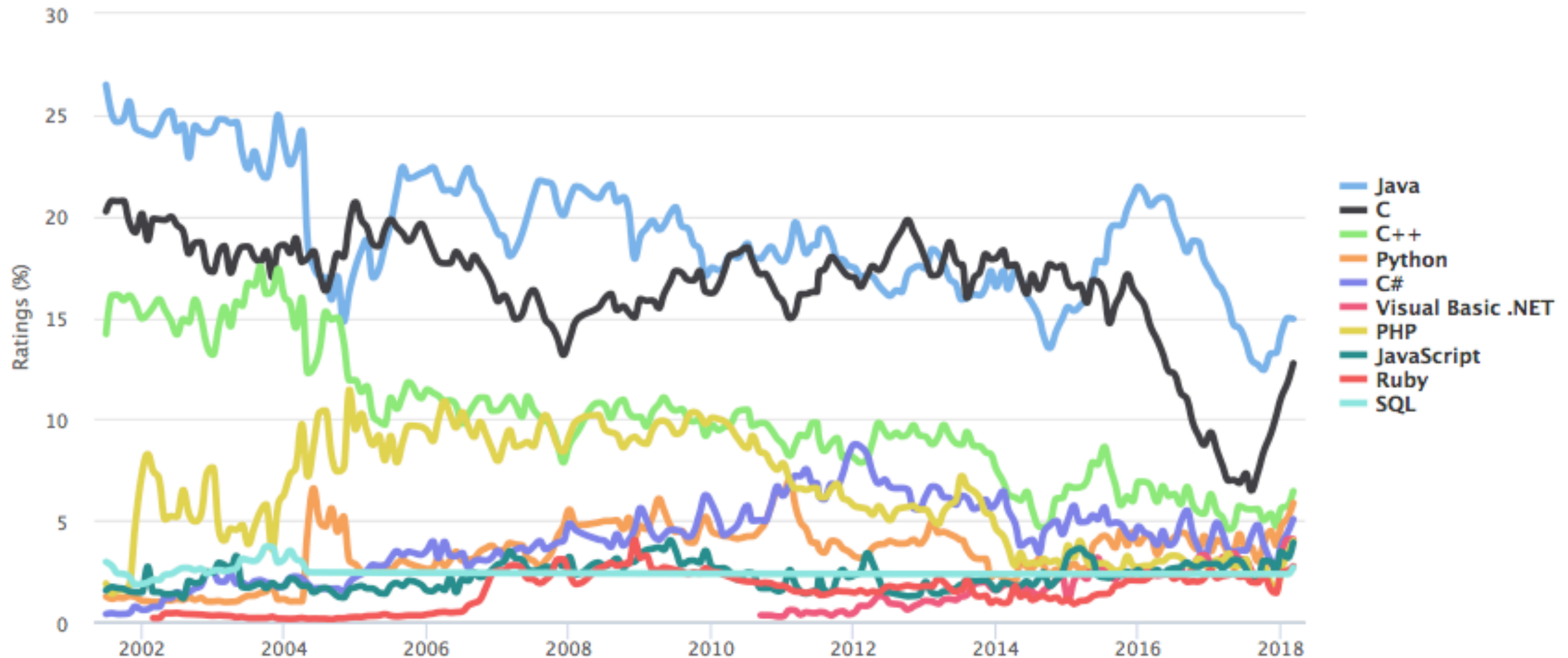
`atoi` stands for  
ASCII to integer

Given a string `s` of  
decimal digits,  
the `atoi` code computes  
the numerical value `n`  
represented by `s`

# Programming Language C

TIOBE Programming Community Index

Source: [www.tiobe.com](http://www.tiobe.com)



C with all its dialects is still the most popular programming language

<https://www.tiobe.com/tiobe-index>

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