

Go is 9 years old

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- | | |
|---------------|---|
| 1.0 - 3/2012 | • First version |
| 1.1 - 5/2013 | • Performance improve (30-40%). Race detector. |
| 1.2 - 12/2013 | • Better schedule. Test coverage. |
| 1.3 - 6/2014 | • Speed up GC. |
| 1.4 - 12/2014 | • Translate compiler from C to Go.
Continuous stacks. New platform: Android. |
| 1.5 - 8/2015 | • Concurrency GC. |
| ... | |
| 1.8 - 8/2017 | • Default GOPATH. Reduce GC pause. HTTP2. |
| ... | |
| 1.11 - 8/2018 | • Go modules. New platform: WebAssembly. |
| ... | • Go 2 |

Hundreds of Golang meetups over the world



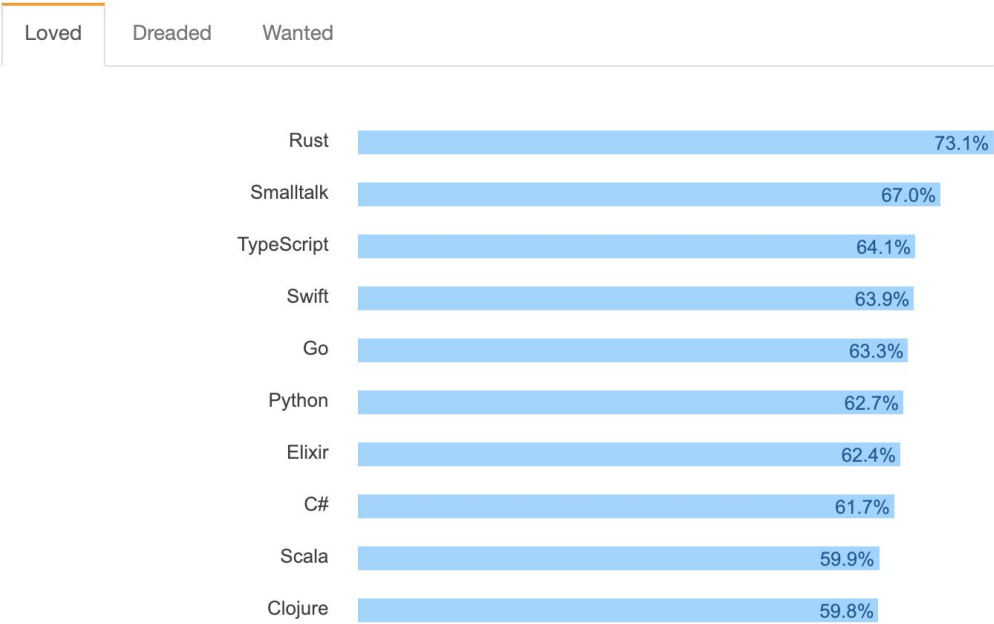
The fifteen most popular languages on GitHub

by opened pull request

GitHub is home to open source projects written in 337 unique programming languages—but especially JavaScript.



Most Loved, Dreaded, and Wanted Languages





Companies using Go



Bitbucket



Sendo



VinID

You **Tube**

Google



Grab

go **viet**



docker

chợ **TỐT**



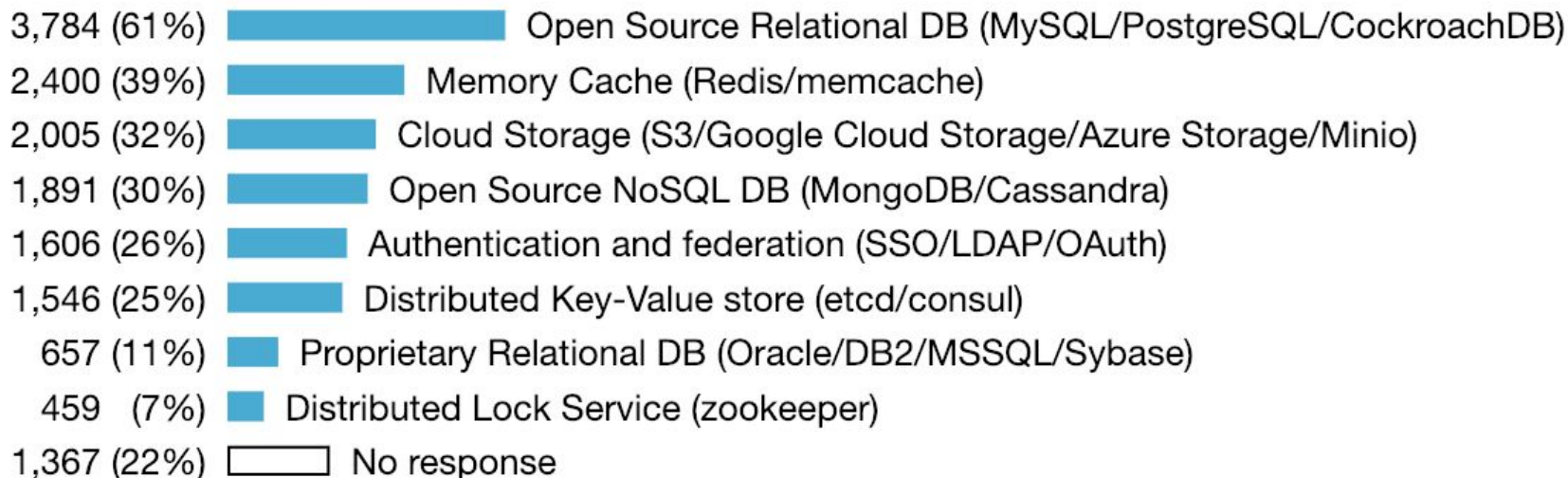
heroku



Dropbox

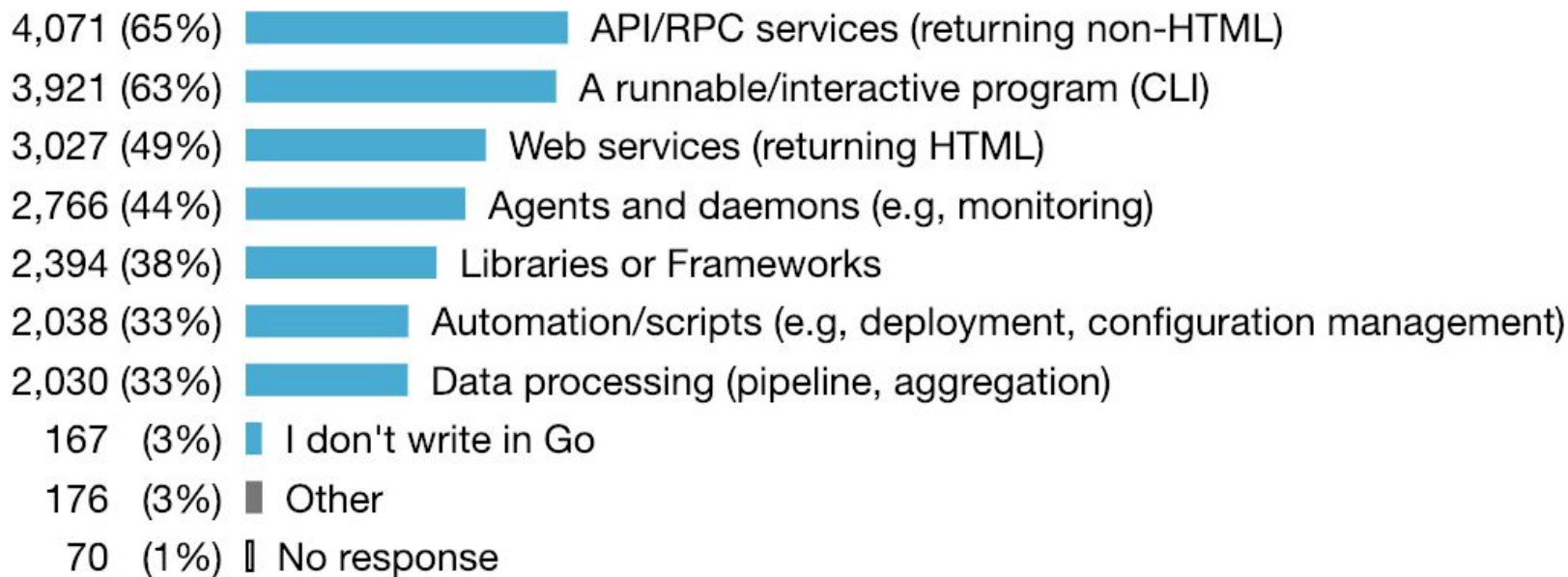
Go is used as library for

Which of the following do you access from Go: (multiple choice)



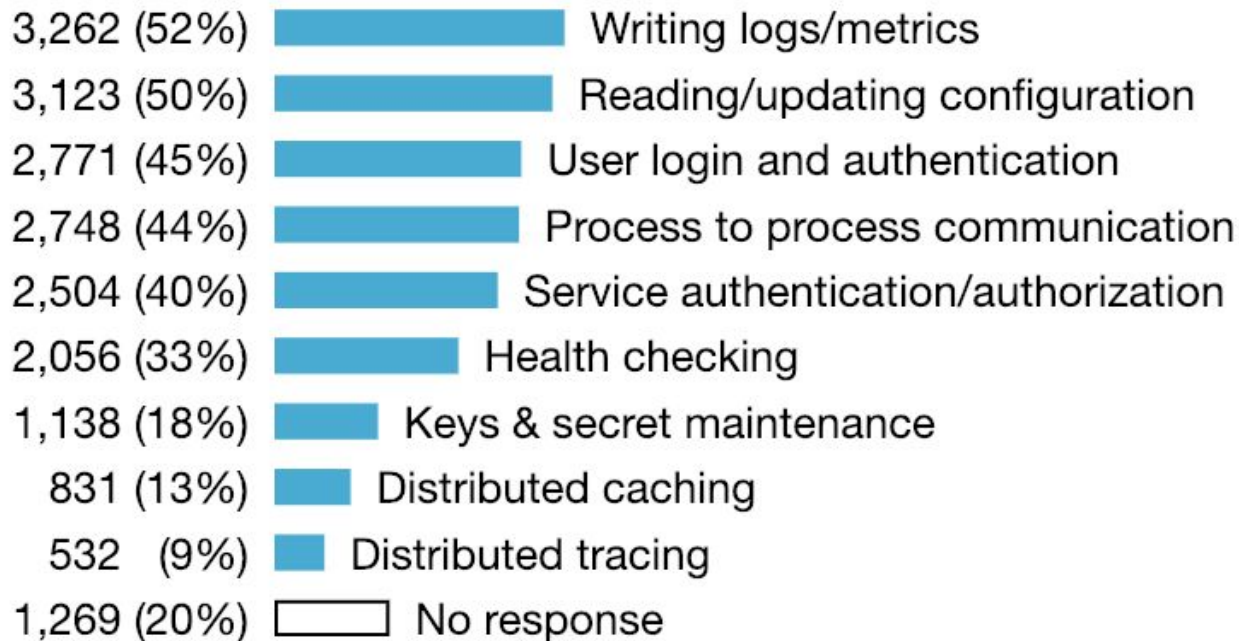
Go is used for implementing

I write the following in Go: (multiple choice)



Which functionality implemented in Go?

Which of the following functionality have you implemented (multiple choice)



Go has nothing special!

- Go is not as **elegant** as **Python**
- Go does not excel at **metaprogramming** like **JavaScript** or **Ruby**
- Go does not have **macro**
- Go does not have VM to execute code cross-platform



```
func handleRequest(w http.ResponseWriter, h *http.Request) {  
    query, err := parse(w)  
    if err != nil {  
        return err  
    }  
  
    items, err := db.getItems(query)  
    if err != nil {  
        return err  
    }  
  
    data, err := json.Marshal(items)  
    if err != nil {  
        return err  
    }  
  
    // ...  
}
```



```
func convertProducts(items []*db.Product) []*api.Product {  
    result := make([]*api.Product, len(items))  
    for i, item := range items {  
        result[i] = convertProduct(item)  
    }  
    return result  
}  
  
func convertCustomers(items []*db.Customer) []*api.Customer {  
    result := make([]*api.Customer, len(items))  
    for i, item := range items {  
        result[i] = convertCustomer(item)  
    }  
    return result  
}  
  
// ...
```



```
// get the max price  
let max = items.reduce((a,item) => a < item.price ? item.price : a, 0)
```



```
func getProductMaxPrice(items Products) int {  
    max := 0  
    for _, item := range items {  
        if item.price > max {  
            max = item.price  
        }  
    }  
    return max  
}
```

```
// get the max price  
maxPrice := getProductMaxPrice(products)
```

The most value of Go is

Get the works done!

The most value of Go is

Get the works done!

- Write code
- Pass tests
- Watch your business grow
- Sleep well!

Really?

- Single & static binary deployment
- Optimized for readability and team collaboration
- No bikeshed (gofmt)
- Minimal surprise
- Full development environment:
go doc, go build, go build, go test, oracle



GOLANG

bình luận

liên quan

muốn

↑
31
↓

Honest question: what do you consider Go's biggest strength?

(self.golang)

↑ [-] **Queue29** 37 điểm 1 tháng trước đây

↓ Static binary deploys.

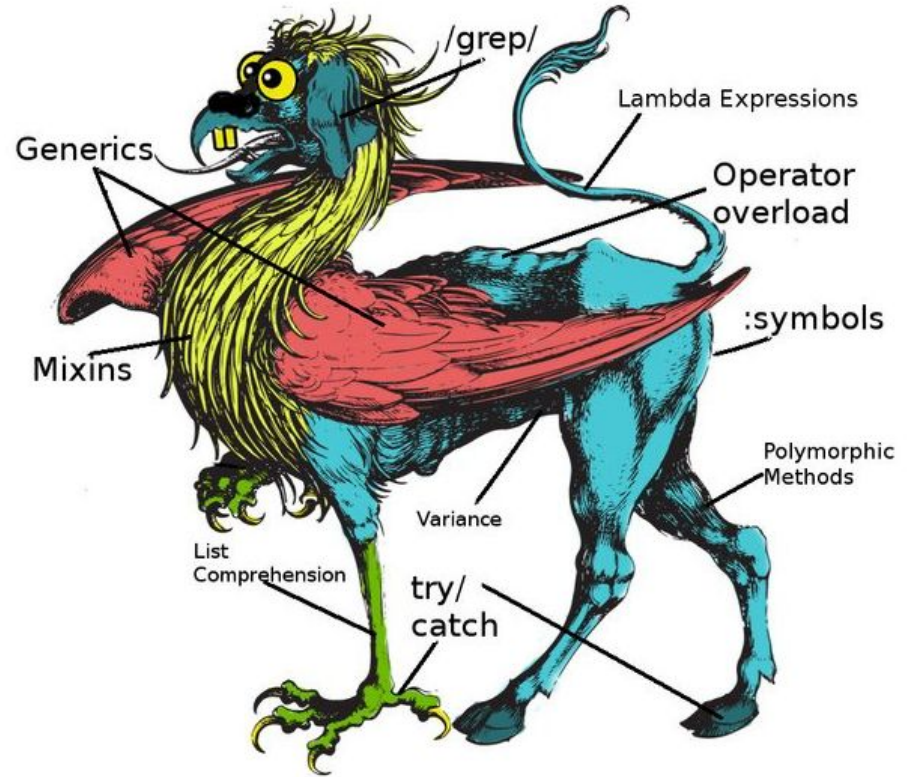
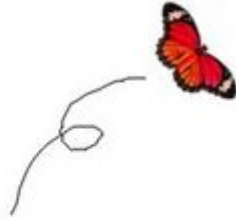
↑ [-] **thesnowmancometh** 35 điểm 1 tháng trước đây

↓ I never realized the benefits of having a small language.

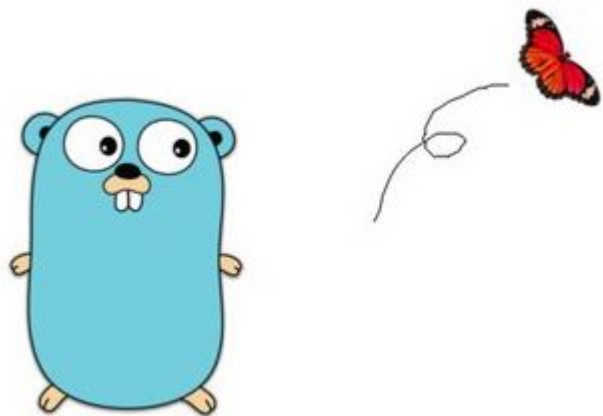
↑ [-] **CorgiMann** 20 điểm 1 tháng

↓ Go is very minimalistic.

Go 2



Go 2





Welcome to GopherCon 2018