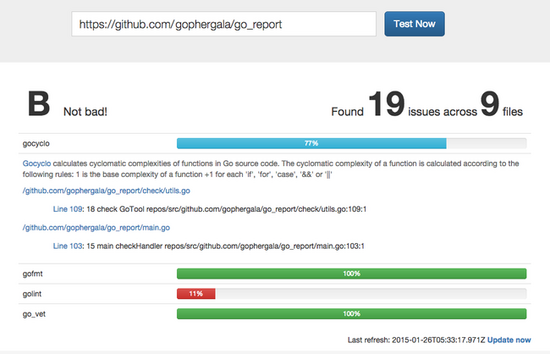
优秀的Go语言项目推荐（Go开源项目质量测试小工具）

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原文  [http://blog.lembed.com/excellent-open-source-go-projects/](http://blog.lembed.com/excellent-open-source-go-projects/?utm_source=tuicool&utm_medium=referral)

主题 [开源](http://www.tuicool.com/topics/11080038)[GitHub](http://www.tuicool.com/topics/11110117)[Flynn](http://www.tuicool.com/topics/11080149)



图一

有时候，我听见有新Go语言开发者说在找一些优秀的Go项目，来学习和贡献代码。通常我会推荐他们去读Go的源代码，你可以只了解你感兴趣的那部分，并且可能包含有一些go的例程，这些都是最贴合Go语言特性的实例。在最近一段时间设计了一个可以发现Go项目质量的小工具。

我参加了 [***Gopher Gala***](http://gophergala.com/) 活动，它是一个48小时全球范围的黑客比赛。我们的团队设计了 [***Go Report Card***](http://github.com/gophergala/go_report) 项目，它的设计目标是估算一个github上开源go项目的质量，这个工具使用了 [***gofmt -s***](https://golang.org/cmd/gofmt/) 来判定基本格式，  [***go vet***](https://golang.org/cmd/go/#hdr-Run_go_tool_vet_on_packages) 来检查程序结构， [***gocyclo***](https://github.com/fzipp/gocyclo) 来检查代码圈复杂度，等其他代码，并根据这些工具的评分的平均值作为最终依据。

我的队友 [***Shawn Smith***](https://twitter.com/shawnps) 和我在github上寻找关注度最高的go项目，并把结果存入mongo数据库。到现在我们评估了github上276个最流行的Go项目。目的是找到评分最高的。我选择那些超过100个Go源码文件，并以评分列表如下：

| **Rank** | **Name** | **Github Repo** | **Go Files** | **Score** |
| --- | --- | --- | --- | --- |
| 1 | go-github | [***google/go-github***](https://github.com/google/go-github) | 107 | 97.1% |
| 2 | Cockroach | [***cockroachdb/cockroach***](https://github.com/cockroachdb/cockroach) | 204 | 89.5% |
| 3 | golang/net | [***golang/net***](https://github.com/golang/net) | 243 | 87.6% |
| 4 | xGo | [***exercism/xgo***](https://github.com/exercism/xgo) | 142 | 86.2% |
| 5 | Kubernetes | [***GoogleCloudPlatform/kubernetes***](https://github.com/GoogleCloudPlatform/kubernetes) | 636 | 83.6% |
| 6 | syncthing | [***syncthing/syncthing***](https://github.com/syncthing/syncthing) | 146 | 83.0% |
| 7 | Packer | [***mitchellh/packer***](https://github.com/mitchellh/packer) | 656 | 82.8% |
| 8 | Drone | [***drone/drone***](https://github.com/drone/drone) | 189 | 82.5% |
| 9 | etcd | [***coreos/etcd***](https://github.com/coreos/etcd) | 211 | 82.3% |
| 10 | Docker | [***docker/docker***](https://github.com/docker/docker) | 881 | 81.4% |
| 11 | GoLearn | [***sjwhitworth/golearn***](https://github.com/sjwhitworth/golearn) | 111 | 80.8% |
| 12 | NSQ | [***bitly/nsq***](https://github.com/bitly/nsq) | 116 | 80.8% |
| 13 | GoConvey | [***smartystreets/goconvey***](https://github.com/smartystreets/goconvey) | 160 | 79.5% |
| 14 | golang/tools | [***golang/tools***](https://github.com/golang/tools) | 452 | 79.2% |
| 15 | Fleet | [***coreos/fleet***](https://github.com/coreos/fleet) | 151 | 79.1% |
| 16 | LimeText | [***limetext/lime***](https://github.com/limetext/lime) | 150 | 79.0% |
| 17 | Flynn | [***flynn/flynn***](https://github.com/flynn/flynn) | 229 | 78.4% |
| 18 | godropbox | [***dropbox/godropbox***](https://github.com/dropbox/godropbox) | 157 | 78.1% |
| 19 | consul | [***hashicorp/consul***](https://github.com/hashicorp/consul) | 182 | 77.4% |
| 20 | terraform | [***hashicorp/terraform***](https://github.com/hashicorp/terraform) | 454 | 74.2% |

这些大多都是极好的项目，如果你想找些小点的项目先开始，下面是一些源码文件少于100个的高分数项目：

| **Rank** | **Name** | **Github Repo** | **Go Files** | **Score** |
| --- | --- | --- | --- | --- |
| 1 | httplogger | [***ernesto-jimenez/httplogger***](https://github.com/ernesto-jimenez/httplogger) | 2 | 100.0% |
| 2 | Google Analytics Beacon Analytics | [***igrigorik/ga-beacon***](https://github.com/igrigorik/ga-beacon) | 1 | 99.6% |
| 3 | s3cache | [***sourcegraph/s3cache***](https://github.com/sourcegraph/s3cache) | 1 | 99.4% |
| 4 | watchreadlisten | [***shawnps/watchreadlisten***](https://github.com/shawnps/watchreadlisten) | 1 | 99.3% |
| 5 | go-loggly | [***segmentio/go-loggly***](https://github.com/segmentio/go-loggly) | 1 | 99.3% |
| 6 | Exercism CLI | [***exercism/cli***](https://github.com/exercism/cli) | 27 | 99.0% |
| 7 | TextQL | [***dinedal/textql***](https://github.com/dinedal/textql) | 1 | 98.7% |
| 8 | exercism/arkov | [***exercism/arkov***](https://github.com/exercism/arkov) | 9 | 97.2% |
| 9 | go-prompt | [***segmentio/go-prompt***](https://github.com/segmentio/go-prompt) | 6 | 95.8% |
| 10 | SSCC | [***pblaszczyk/sscc***](https://github.com/pblaszczyk/sscc) | 14 | 94.64% |
| 11 | mewmew/playground | [***mewmew/playground***](https://github.com/mewmew/playground) | 96 | 91.9% |
| 12 | go-stats | [***segmentio/go-stats***](https://github.com/segmentio/go-stats) | 3 | 91.6% |
| 13 | localtunnel | [***progrium/localtunnel***](https://github.com/progrium/localtunnel) | 3 | 91.6% |
| 14 | freegeoip | [***fiorix/freegeoip***](https://github.com/fiorix/freegeoip) | 9 | 91.6% |
| 15 | negroni | [***codegangsta/negroni***](https://github.com/codegangsta/negroni) | 11 | 90.9% |
| 16 | MAST | [***ikawaha/mast***](https://github.com/ikawaha/mast) | 27 | 90.7% |
| 17 | martini | [***go-martini/martini***](https://github.com/go-martini/martini) | 16 | 90.6% |
| 18 | Bolt | [***boltdb/bolt***](https://github.com/boltdb/bolt) | 42 | 90.4% |
| 19 | LLVM | [***mewlang/llvm***](https://github.com/mewlang/llvm) | 21 | 90.4% |
| 20 | notify | [***rjeczalik/notify***](https://github.com/rjeczalik/notify) | 41 | 90.2% |

如果Go Report Card是靠谱的，那么这些项目都是高质量，真正的好项目。

想了解我们是如何测试这些项目质量的，你可以试试 [***goreportcard***](http://goreportcard.com/) 。比如图一这个例子：

尽管结果是B，但是依然是一个很不错的项目，值得试试。

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原文： [***Excellent Open Source Go Projects***](http://herman.asia/open-source-go-projects-to-learn-from)