

2022

Um projeto open-source maroto

Golang em β contínuo

Johnathan Fercher da Rosa



Índice

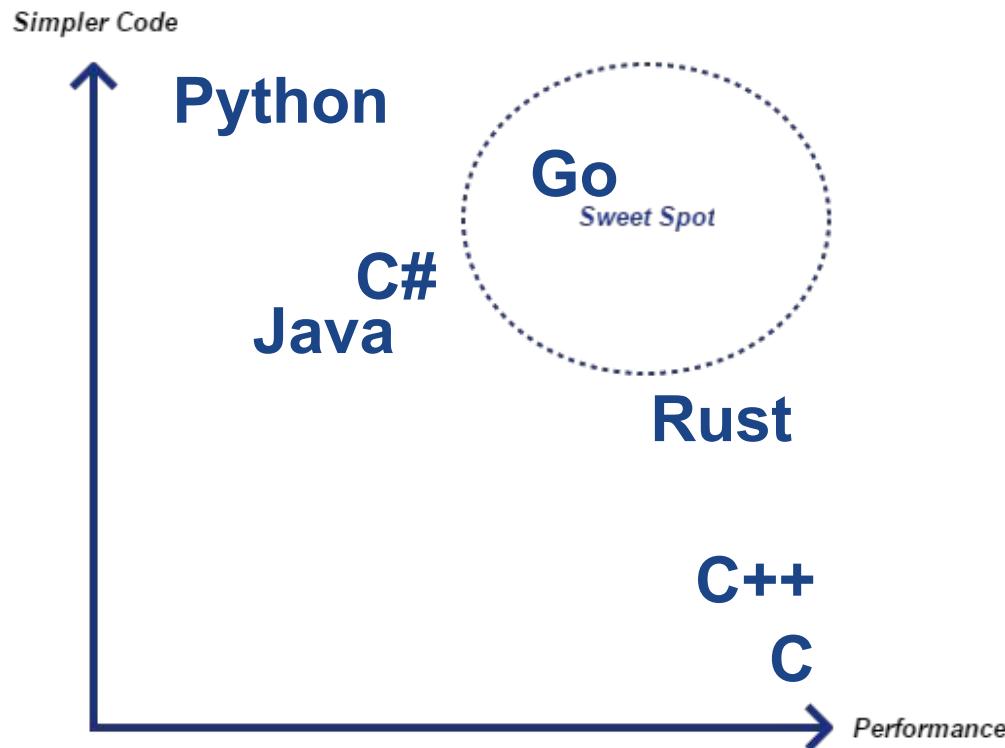
- **Introdução**
- **Desenvolvimento**
- **Estado Atual**



2022

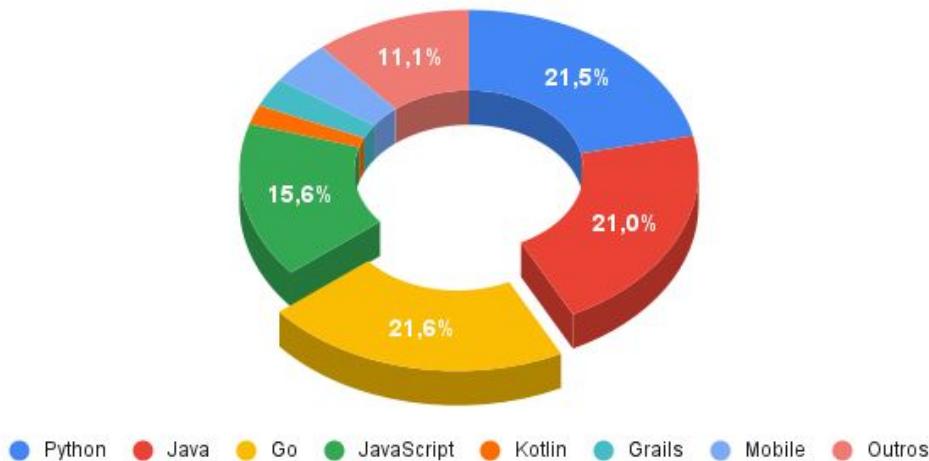
Introdução

Porque Go?



Mercado Livre usa Go?

Repositórios



Há 3 Anos Atrás, no TMS...



Há 3 Anos Atrás, no TMS...



Há 3 Anos Atrás, no TMS...

XPR1

 **mercado
livre**



223651872569267

MERCADO ENVIOS

Data de início: 23/03/2022 10:43:31 Doca: 4009
Data de finalização: 23/03/2022 11:38:59 Placa:
Zonas: spr3 Pacotes: 2223
Lacre: 328275 Responsável:

Insumos utilizados:
gaylord: 23
manga pallet: 0
pallet: 25

Zona	Número de HU	Pacotes
spr3	2236447457564659	220
spr3	2236459425427095	118
spr3	2236444287557941	137
spr3	2236443799956880	180
spr3	223645275539994	8
spr3	2236454615737378	17
spr3	2236326547205545	25
spr3	2236462979667228	140
spr3	2236460933946156	4
spr3	2236462047252758	6
spr3	22364478355526945	210
spr3	2236438032608629	139
spr3	2236433640915271	5
spr3	2236454331344827	185
spr3	2236434900252916	21
spr3	2236433282964747	130
spr3	2236466991378815	1
spr3	223645827989996	127
spr3	2236438445383245	165
spr3	2236449349878939	200

PDFs x Go (3 anos atrás)

```
if carrierLogo != "" {
    pdf.Image(imageAppBaseDir+carrierLogo, x: 12, y: 34, w: 38, h: 13, flow: false, tp: "", link: 0, linkStr: "")
} else {
    left, _, right, _ := pdf.GetMargins()
    pdfSetFont( familyStr: "Arial", styleStr: "B", size: 12)
    pdf.SetLeftMargin( margin: 20)
    pdf.SetRightMargin( margin: 140)
    pdf.CellFormat( w: 0, h: 60, carrierName, borderStr: "", ln: 0, alignStr: "", fill: false, link: 0, linkStr: "")
    pdfSetFont( familyStr: "Arial", styleStr: "", size: 8)
    pdf.SetLeftMargin(left)
    pdf.SetRightMargin(right)
}
```



PDFs x Go (3 anos atrás)

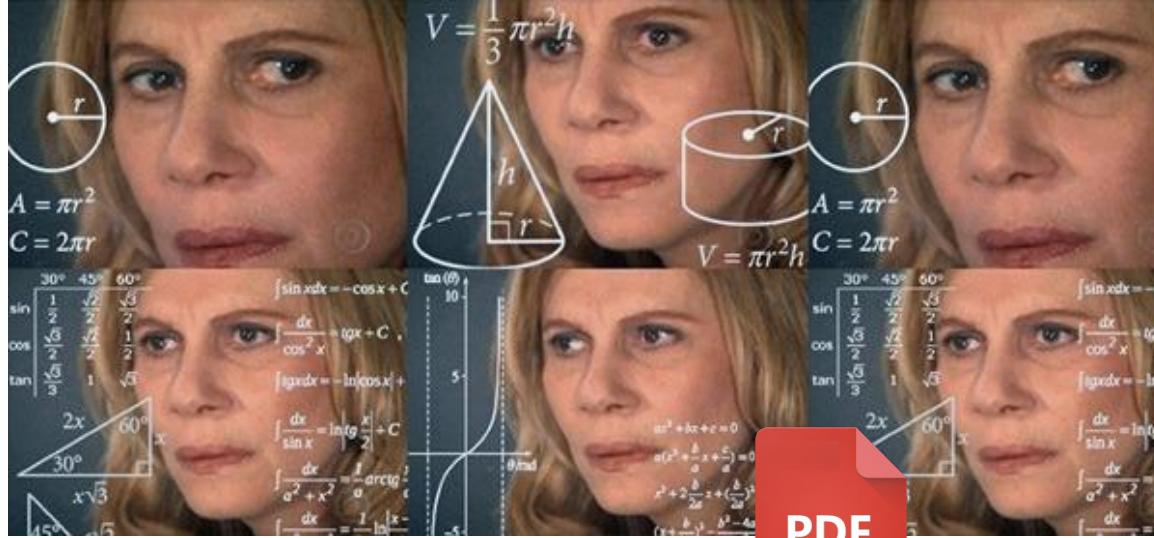
Pacote	Estrelas	Contribuidores	Licença
jung-kurt/gofpdf	3.324	56	MIT
unidoc/unipdf	513	22	\$\$\$
SebastiaanKlippert/go-wkhtmltopdf	330	6	MIT



E se?



Bootstrap



PDF





2022

Desenvolvimento

Fundamentos do Projeto

1. Ter a API mais simples possível
2. Ter o mínimo de features possível
3. Ser leve e rápido
4. Possuir uma documentação vasta
5. Foco em qualidade
6. Licença MIT

Maroto

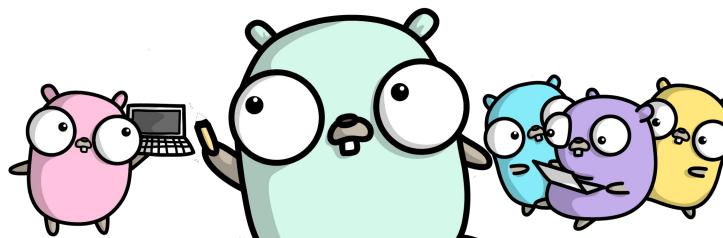
[reference](#) [build](#) [passing](#) [coverage](#) [97%](#) [go report](#) [A+](#) [mentioned in awesome](#)

A Maroto way to create PDFs. Maroto is inspired in Bootstrap and uses Gofpdf. Fast and simple.

Maroto definition: Brazilian expression, means an astute/clever/intelligent person.

Primeiro esboço

```
m.Row( height: 20, func() {
    m.Col( width: 6, func() {
        _ = m.Base64Image(meliLogoResource.Base64, meliLogoResource.Extension, props.Rect{
            Percent: 90,
            Center: true,
        })
    })
    m.Col( width: 6, func() {
        m.Text(request.Id, props.Text{
            Top: 15,
            Size: 9,
            Align: consts.Center,
        })
    })
})
```



A falta que o Fury fez...

4 checks passed		
✓	 lint	Details
✓	 Travis CI - Pull Request Build Passed	Details
✓	 codecov/patch 100.00% of diff hit (target 97.38%)	Details
✓	 codecov/project 97.45% (+0.08%) compared to 4addb14	Details

A falta que o Fury fez...



Bug report
Use this template to capture relevant information to track bug reports consistently and add priority to better organize work.

Get started

Feature request
Use this template to help streamline the information you collect from stakeholders who submit requests, enhancements, or product improvements.

Get started

Don't see your issue here? [Open a blank issue.](#)

[Edit templates](#)

A falta que o Fury fez...

Protect matching branches

Require a pull request before merging
When enabled, all commits must be made to a non-protected branch and submitted via a pull request before they can be merged into a branch that matches this rule.

Require approvals
When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.
Required number of approvals before merging: 1 ▾

Dismiss stale pull request approvals when new commits are pushed
New reviewable commits pushed to a matching branch will dismiss pull request review approvals.

Require review from Code Owners
Require an approved review in pull requests including files with a designated code owner.

Require status checks to pass before merging
Choose which [status checks](#) must pass before branches can be merged into a branch that matches this rule. When enabled, commits must first be pushed to another branch, then merged or pushed directly to a branch that matches this rule after status checks have passed.

Require branches to be up to date before merging
This ensures pull requests targeting a matching branch have been tested with the latest code. This setting will not take effect unless at least one status check is enabled (see below).

Search for status checks in the last week for this repository

Status checks that are required.

Travis CI - Pull Request	any source ▾	X
codecov/project	any source ▾	X
codecov/patch	any source ▾	X

Ganhando tração

```
func (s *PdfMaroto) Text(text string, prop ...props.Text)
```

Text create a text inside a cell.

▼ Example ¶

ExamplePdfMaroto_Text demonstrates how to add a Text inside a col.

```
package main

import (
    "github.com/johnfercher/maroto/pkg/color"
    "github.com/johnfercher/maroto/pkg/consts"
    "github.com/johnfercher/maroto/pkg/pdf"
    "github.com/johnfercher/maroto/pkg/props"
)

func main() {
    // Not passing the text prop will lead to use all the follow default values.
    // Not passing family, makes the method use arial.
    // Not passing style, makes the method use normal.
    // Not passing size, makes the method use 10.0.
    // Not passing align, makes the method use left.
    // Not passing extrapolate, makes the method use false.
    // Not passing color, makes the method use the current color.
    // Top cannot be less than 0.
    // VerticalPadding cannot be less than 0.

    m := pdf.NewMaroto(consts.Portrait, consts.A4)
    rowHeight := 5.0

    m.Row(rowHeight, func() {
        m.Col(12, func() {
            m.Text("TextContent", props.Text{
                Size:           12.0,
                Style:          consts.BoldItalic,
                Family:         consts.Courier,
                Align:          consts.Center,
                Color:          consts.Black,
                Extrapolate:    false,
                VerticalPadding: 0.0,
            })
        })
    })
}
```

Ganhando tração

Report for github.com/johnfercher/maroto
(v0.35.0)

[go report](#) [A+](#) [Tweet](#)

A+ Excellent! Found **1** issues across **38** files

Results	
go_vet	100%
gofmt	100%
gocyclo	100%
ineffassign	100%
license	100%
misspell	97%

go_vet

100%

`go vet` examines Go source code and reports suspicious constructs, such as `Printf` calls whose arguments do not align with the format string.

No problems detected. Good job!

gofmt

100%

Gofmt formats Go programs. We run `gofmt -s` on your code, where `-s` is for the "simplify" command

No problems detected. Good job!

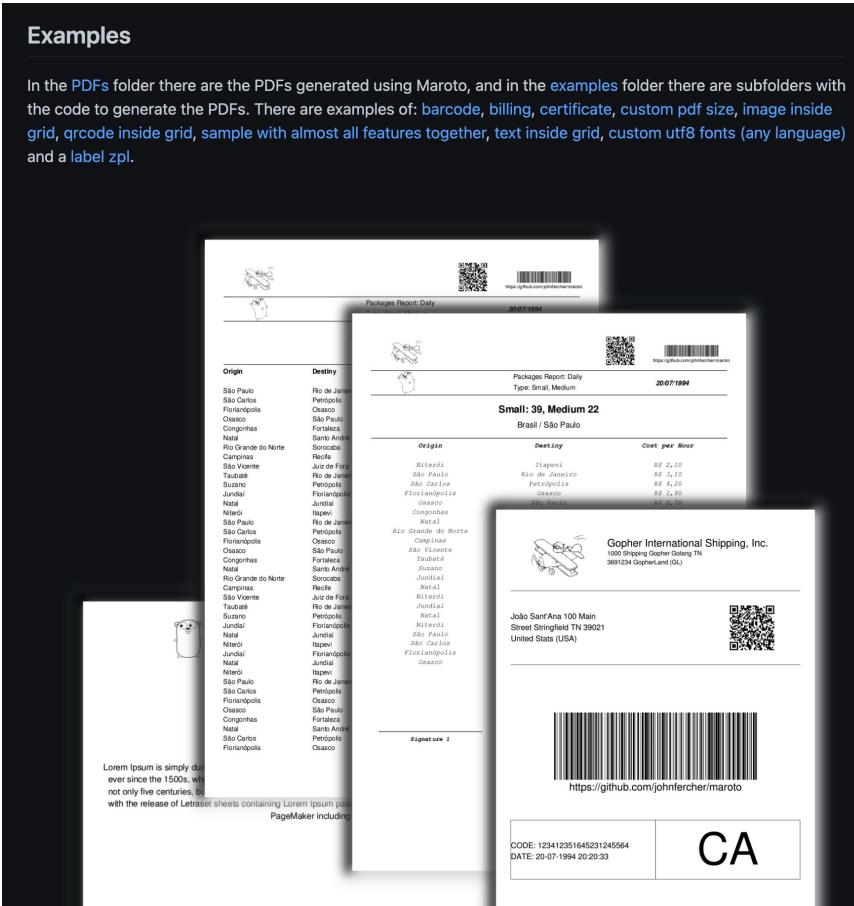
Last refresh: 3 hours ago

[Refresh now](#)

Ganhando tração

Examples

In the **PDFs** folder there are the PDFs generated using Maroto, and in the **examples** folder there are subfolders with the code to generate the PDFs. There are examples of: **barcode**, **billing**, **certificate**, **custom pdf size**, **image inside grid**, **qrcode inside grid**, **sample with almost all features together**, **text inside grid**, **custom utf8 fonts (any language)** and a **label zpl**.



Ganhando tração

Checklist

check with "x", if applied to your change

- All methods associated with structs has `func (s *struct) method() {}` name style.
- Wrote unit tests for new/changed features.
- Updated docs/doc.go
- Updated pkg/pdf/example_test.go
- Updated README.md
- Updated all examples inside internal/examples
- New public methods/structs/interfaces has comments upside them explaining they responsibilities
- Executed `make dod` with none issues pointed out by `golangci-lint` and `goreportcard-cli`

Ganhando tração



Ganhando tração

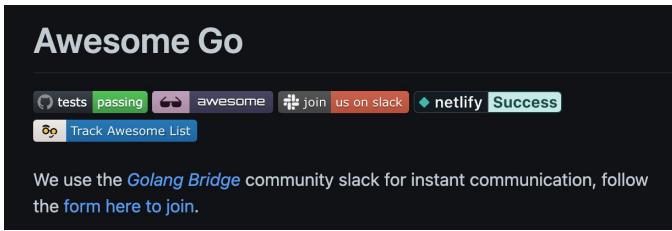
good *first* issue / Go



Ganhando tração

- o- Commits on Oct 25, 2019
 - Merge branch 'dev' into remove-vendor
SuddenGunter committed on 25 Oct 2019 ✓ Verified ec7fbb1 <>
 - Merge pull request #110 from Krishnom/go_upgrade ...
SuddenGunter committed on 25 Oct 2019 ✓ Verified 3980139 <>
- o- Commits on Oct 24, 2019
 - rm vendor/
SuddenGunter committed on 24 Oct 2019 ✓ 351451b <>
- o- Commits on Oct 23, 2019
 - rm dep info in readme
SuddenGunter committed on 23 Oct 2019 ✓ 5c08d08 <>
 - switch to go modules
SuddenGunter committed on 23 Oct 2019 ✓ a89f09f <>
 - fix formatting
SuddenGunter committed on 23 Oct 2019 ✓ 1b9bee0 <>
 - add test for barcode
SuddenGunter committed on 23 Oct 2019 ✓ 7777dee <>
 - Merge branch '60-qrcode' of github.com:SuddenGunter/maroto into 60-qrcode ...
SuddenGunter committed on 23 Oct 2019 ✘ fbad63d <>
 - refactor addBarcode
SuddenGunter committed on 23 Oct 2019 ✓ 5e74e76 <>

Ganhando tração



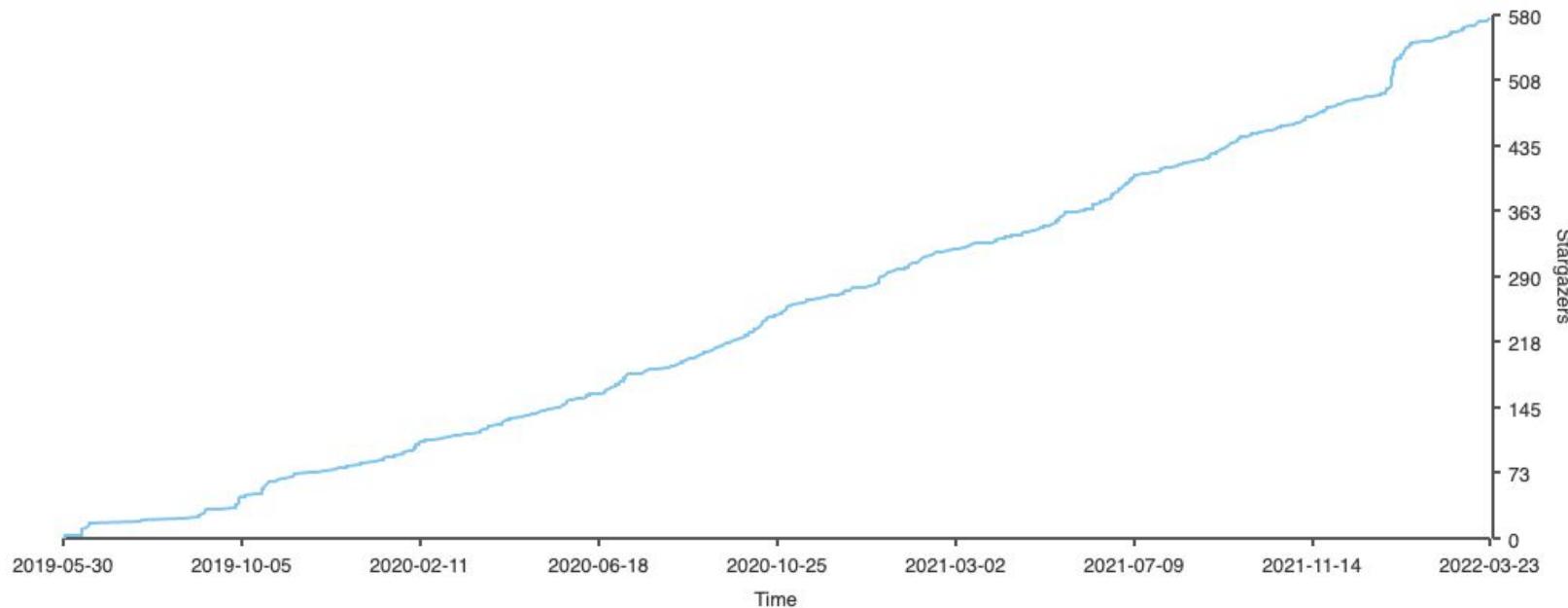
Template Engines

Libraries and tools for templating and lexing.

- [ego](#) - Lightweight templating language that lets you write templates in Go. Templates are translated into Go and compiled.
- [extemplate](#) - Tiny wrapper around html/template to allow for easy file-based template inheritance.
- [fasttemplate](#) - Simple and fast template engine. Substitutes template placeholders up to 10x faster than text/template.
- [gospin](#) - Article spinning and spintax/spinning syntax engine, useful for A/B, testing pieces of text/articles and creating more natural conversations.
- [got](#) - A Go code generator inspired by Hero and Fasttemplate. Has include files, custom tag definitions, injected Go code, language translation, and more.
- [goview](#) - Goview is a lightweight, minimalist and idiomatic template library based on golang html/template for building Go web application.
- [jet](#) - Jet template engine.
- [liquid](#) - Go implementation of Shopify Liquid templates.
- [maroto](#) - A maroto way to create PDFs. Maroto is inspired in Bootstrap and uses gofpdf. Fast and simple.

Estado Atual

Evolução no Github



Pequena comunidade



Hoje em FOS (Sucessor do TMS)

Mais de **4 milhões** de PDFs gerados com dados de **bilhões** de entregas em diferentes fluxos logísticos:

Fluxo	Quantidade
sales_hu_report	2.181.601
sales_hug_report	1.756.378
withdrawal_container_type	103.658
delivery-note	37.171
withdrawal_spd_hug_report	26.115
sales_detailed_hug_report	24.377
disposal_hug_report	1.740

Open-source no Meli

[RFC] - Open Source at MeLi #1263

Open

pamelars86 opened this issue on 27 Dec 2021 · 2 comments



pamelars86 commented on 27 Dec 2021

...

Abstract

This RFC specifies how we can release Open Source code from MeLi. It will focus on applications of type: Web, Library and Mobile library. Additionally, we propose the implementation of a *new Release Process for Open Source (RP-OS)*.

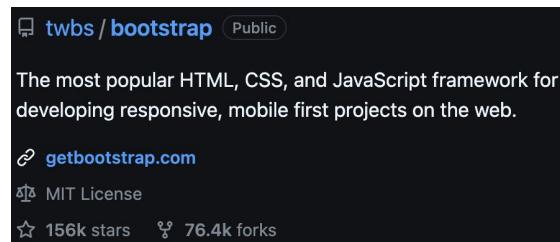
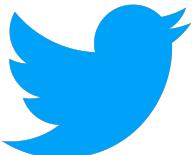


Por que open-source?

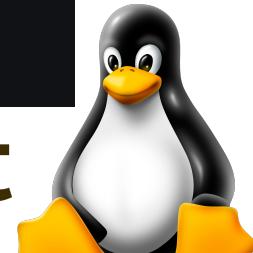
Google



Uber



git



2022

Dúvidas?

2022

Obrigado!

