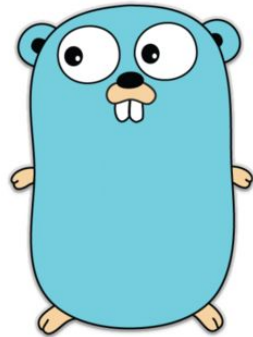


Hello World



Go

Histórico

- A Go é uma linguagem que nasceu em 2007 com três necessidades básicas do Google: desempenho, escalabilidade e facilidade de manutenção.
- Com esses objetivos em foco, o Google montou um time de especialistas com ninguém menos do que Rob Pike, Ken Thompson e Robert Griesemer, gurus da tecnologia, colaboradores chave de projetos como o sistema UNIX, o padrão UTF-8, o motor JavaScript V8, entre outros.

Histórico

- Programação concorrente/paralela nativa;
- Desempenho: Baseado em C, é altamente otimizado.
- Multiplataforma;
- Facilmente escalável;
- Garbage Collector Nativo;
- Memory Safe;
- Simplista ao extremo

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Pop-out 

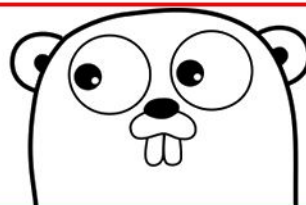
```
// You can edit this code!  
// Click here and start typing.  
package main  
  
import "fmt"  
  
func main() {  
    fmt.Println("Hello, 世界")  
}
```

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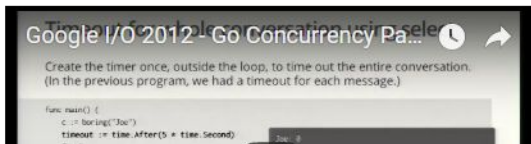
Go is an open source programming language that makes it easy to build simple, reliable, and efficient software.



Download Go

Binary distributions available for
Linux, Mac OS X, Windows, and more.

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Contribution Workshop

Published 9 August 2017

Contributors Summit

The day before GopherCon, a group of Go team members

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Downloads

After downloading a binary release suitable for your system, please follow the [installation instructions](#).

If you are building from source, follow the [source installation instructions](#).

See the [release history](#) for more information about Go releases.

Featured downloads

Microsoft Windows

Windows XP SP2 or later, Intel 64-bit processor

[go1.8.3.windows-amd64.msi](#) (78MB)

Apple macOS

macOS 10.8 or later, Intel 64-bit processor

[go1.8.3.darwin-amd64.pkg](#) (85MB)

Linux

Linux 2.6.23 or later, Intel 64-bit processor

[go1.8.3.linux-amd64.tar.gz](#) (86MB)

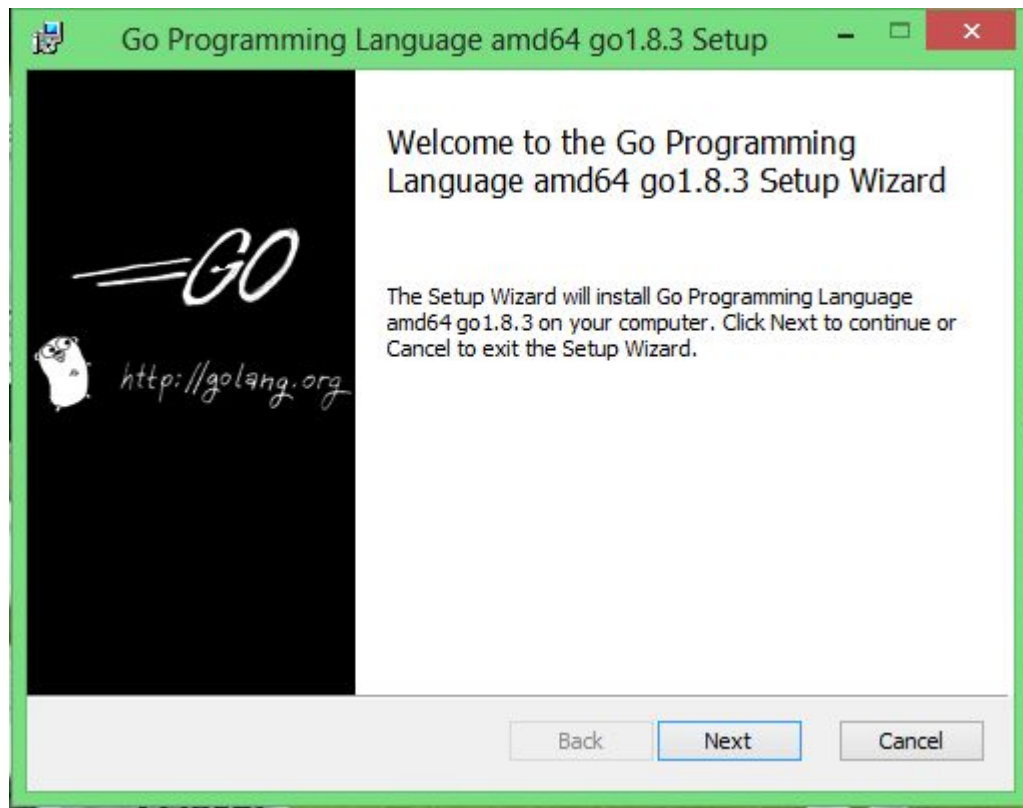
Source

[go1.8.3.src.tar.gz](#) (15MB)

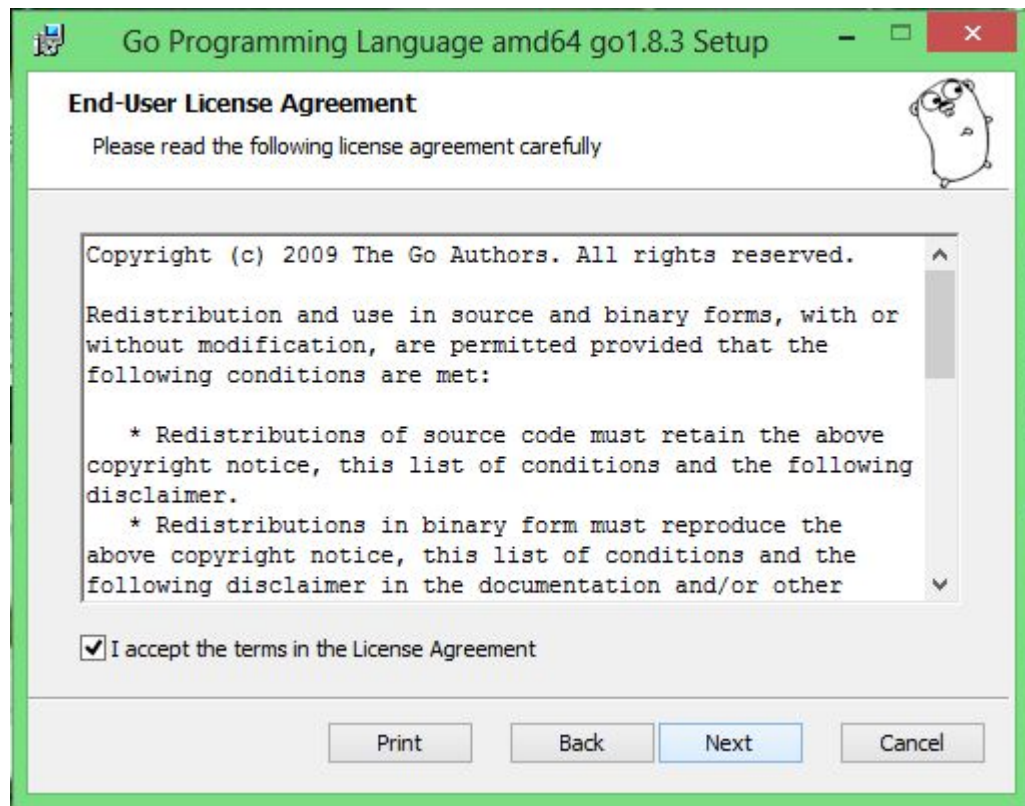
Stable versions

[go1.8.3](#) ▾

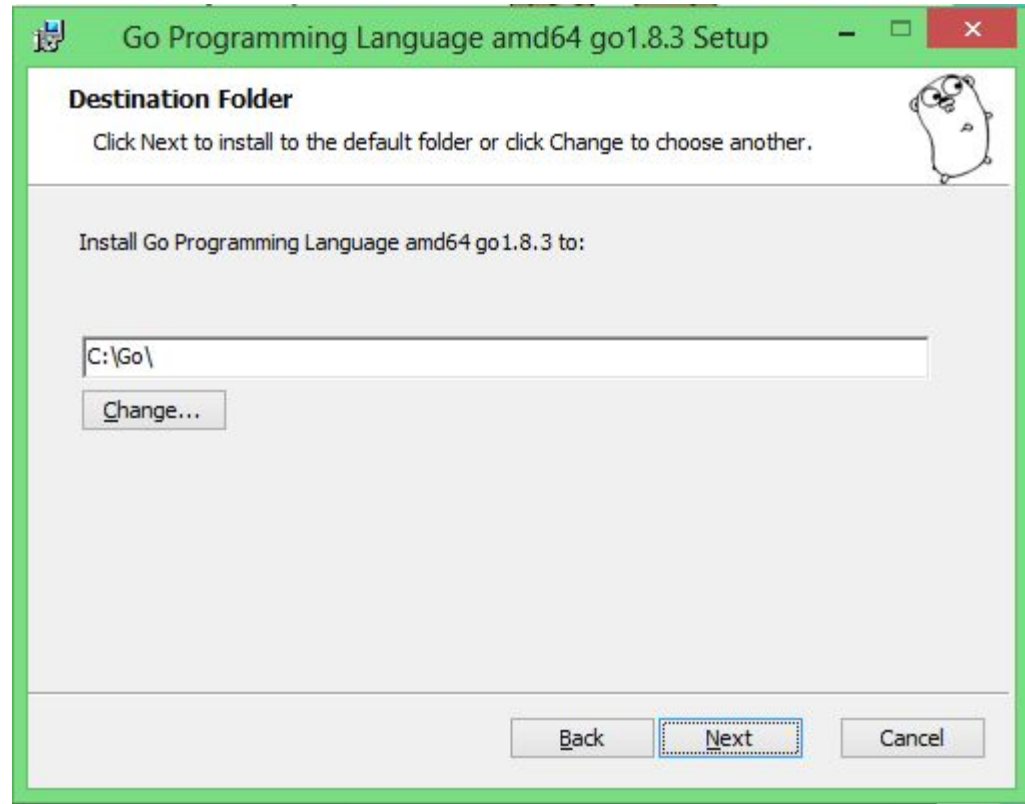
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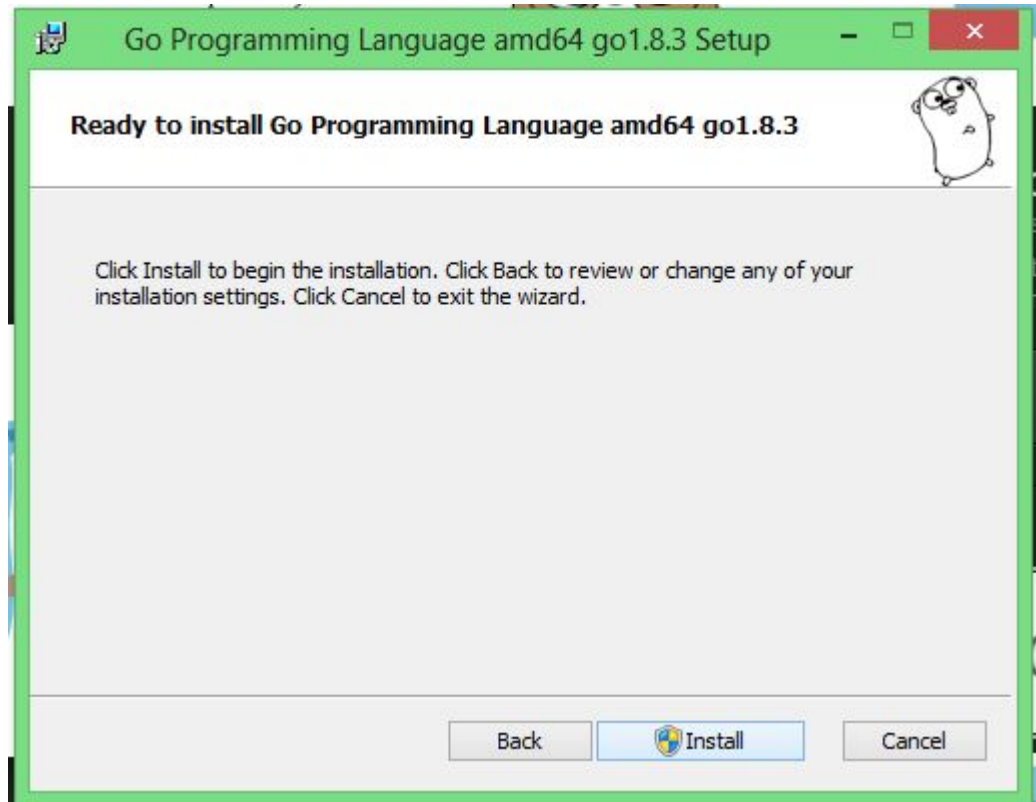
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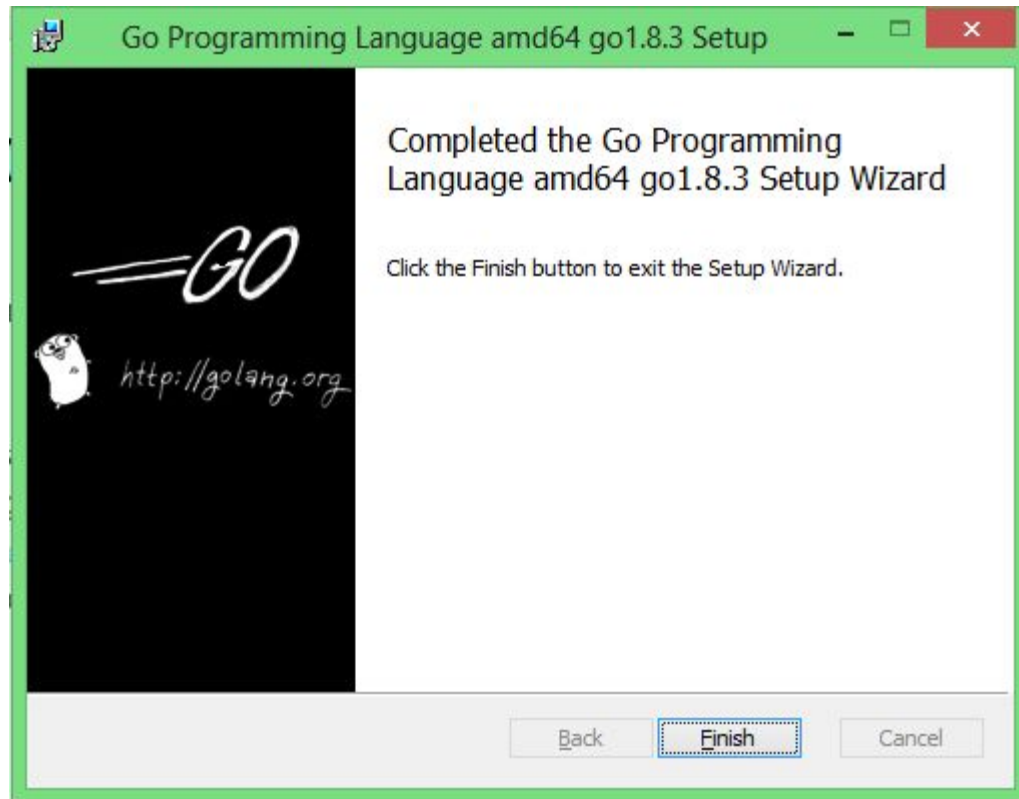
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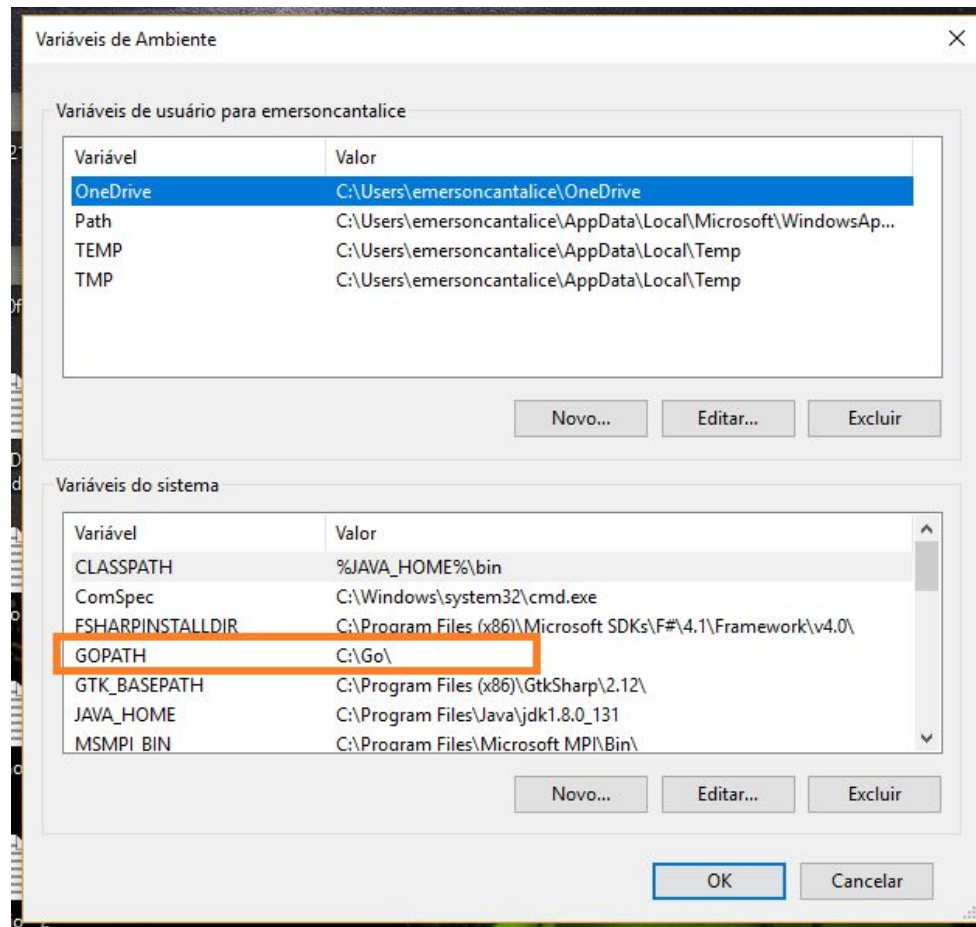
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Variável de ambiente

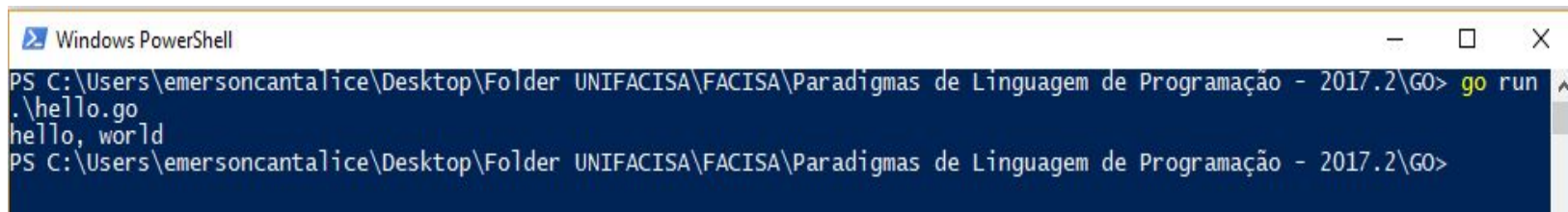


Código

```
1  package main
2
3  import "fmt"
4
5  func main() {
6      fmt.Printf("hello, world\n")
7  }
```

Rodando o código

```
go run ola.go
```



```
Windows PowerShell
PS C:\Users\emersoncantalice\Desktop\Folder UNIFACISA\FACISA\Paradigmas de Linguagem de Programação - 2017.2\GO> go run .\hello.go
hello, world
PS C:\Users\emersoncantalice\Desktop\Folder UNIFACISA\FACISA\Paradigmas de Linguagem de Programação - 2017.2\GO>
```