

Download VS Code

Acessar <https://code.visualstudio.com/> e realizar o download do VSCode (user installer)

The screenshot shows the Visual Studio Code website homepage. At the top, there's a navigation bar with links to Docs, Updates, Blog, API, Extensions, and FAQ. A prominent "Download" button is visible. The main heading reads "Code editing. Redefined." followed by the tagline "Free. Built on open source. Runs everywhere." Below this, there are buttons for downloading the .deb package (for Debian, Ubuntu) and the .rpm package (for Red Hat, Fedora). A section for "Other platforms and Insiders Edition" is also present. The central part of the page features a large image of the VS Code interface, showing the Explorer, Search, and Run and Debug views. Below the interface image, there are four icons representing key features: IntelliSense, Debugging, Built-in Git, and Extensions. At the bottom, there are three user testimonials with profile pictures and names: Una Kravets (@Una), Jonathan Dunlap (@jadbbox), and Pavithra Kodmad (@PKodmad).

Visual Studio Code Docs Updates Blog API Extensions FAQ Search Docs Download

Version 1.42 is now available! Read about the new features and fixes from January.

Code editing. Redefined.

Free. Built on open source. Runs everywhere.

[.deb](#) [.rpm](#)

Debian, Ubuntu... Red Hat, Fedora...

Other platforms and Insiders Edition

By using VS Code, you agree to its [license](#) and [privacy statement](#).

IntelliSense Debugging Built-in Git Extensions

Una Kravets @Una
VS @code does so many things right. I'm constantly impressed by the UX, and customizing

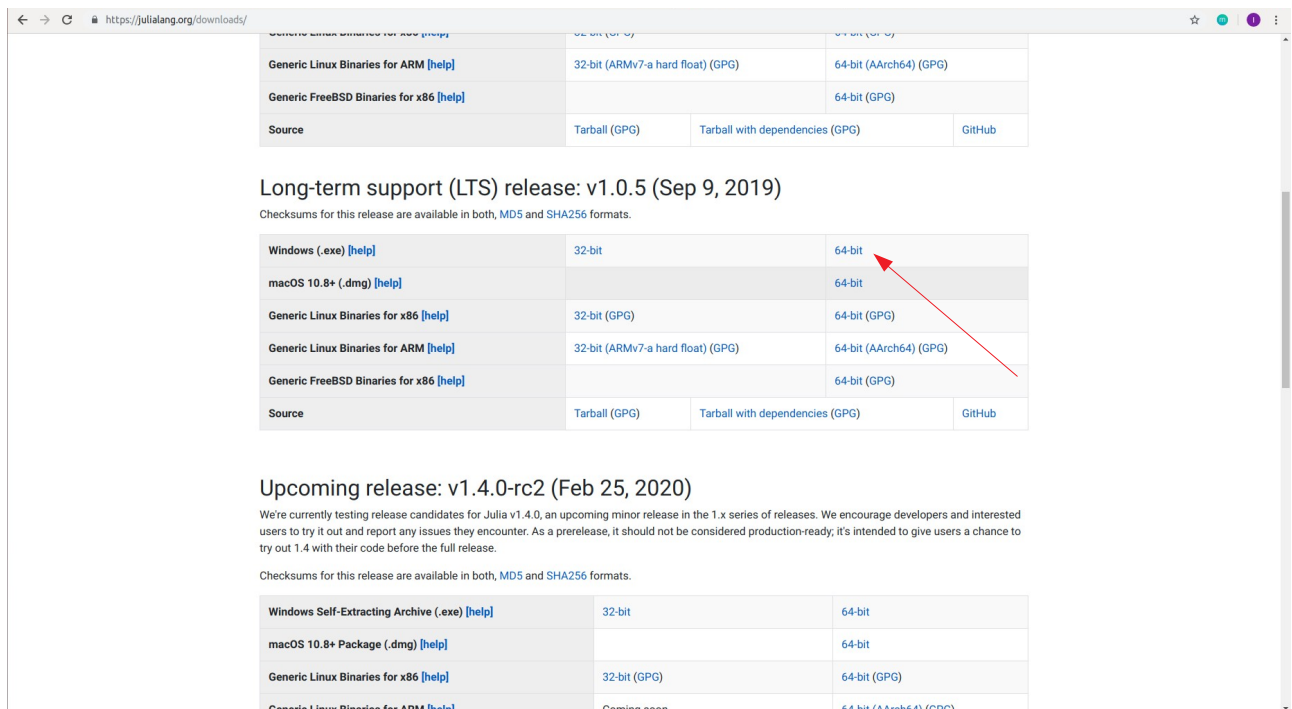
Jonathan Dunlap @jadbbox
Awesome - VS Code will have deep remote development: you can connect to a container

Pavithra Kodmad @PKodmad
VS Code is my most used and favorite editor. I love being able to customize the editor -

Download Julia Langue

Existem diversas versões do Julia. Para os fins da aula de otimização, aconselhamos o Julia 1.0.5.

Acessar <https://julialang.org/downloads/>



Generic Linux Binaries for ARM [help]

32-bit (ARMv7-a hard float) (GPG)	64-bit (AArch64) (GPG)
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Generic FreeBSD Binaries for x86 [help]

64-bit (GPG)

Source

Tarball (GPG)	Tarball with dependencies (GPG)	GitHub
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Long-term support (LTS) release: v1.0.5 (Sep 9, 2019)

Checksums for this release are available in both, MD5 and SHA256 formats.

Windows (.exe) [help]	32-bit	64-bit	
macOS 10.8+ (.dmg) [help]		64-bit	
Generic Linux Binaries for x86 [help]	32-bit (GPG)	64-bit (GPG)	
Generic Linux Binaries for ARM [help]	32-bit (ARMv7-a hard float) (GPG)	64-bit (AArch64) (GPG)	
Generic FreeBSD Binaries for x86 [help]		64-bit (GPG)	
Source	Tarball (GPG)	Tarball with dependencies (GPG)	GitHub

Upcoming release: v1.4.0-rc2 (Feb 25, 2020)

We're currently testing release candidates for Julia v1.4.0, an upcoming minor release in the 1.x series of releases. We encourage developers and interested users to try it out and report any issues they encounter. As a prerelease, it should not be considered production-ready; it's intended to give users a chance to try out 1.4 with their code before the full release.

Checksums for this release are available in both, MD5 and SHA256 formats.

Windows Self-Extracting Archive (.exe) [help]	32-bit	64-bit
macOS 10.8+ Package (.dmg) [help]		64-bit
Generic Linux Binaries for x86 [help]	32-bit (GPG)	64-bit (GPG)
Generic Linux Binaries for ARM [help]	Coming soon	64-bit (AArch64) (GPG)

Realizar o download e salvar o arquivo Julia em uma pasta de fácil acesso.

Configurando o Julia em Windows

Variavel de Ambiente

Para facilitar o uso do Julia, minimizando possíveis problemas, é importante que se crie uma variável de ambiente para o Julia.

Windows → System → Advanced System Settings → Environment Variables

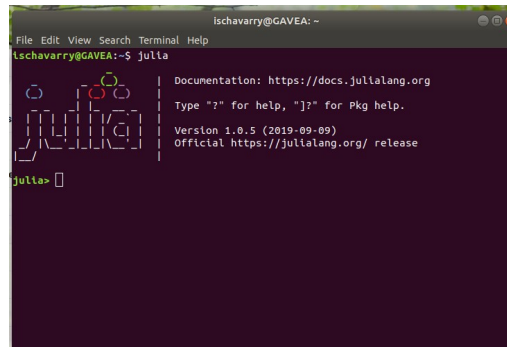
Vá na aba de variáveis do sistema e ache **path**.

Em path, vá em **procurar..**

Em **procurar**, vá até o arquivo Julia baixado em seu computador. A variável de ambiente deve ir até a pasta bin dentro do arquivo Julia.

Dê ok e certifique-se que a variável foi adicionada.

Para confirmar que a o sistema está enxergando essa variavel corretamente, abra o terminal e digite **julia**. Caso o executador de julia apareça, o sistema já reconhece a variável de ambiente.

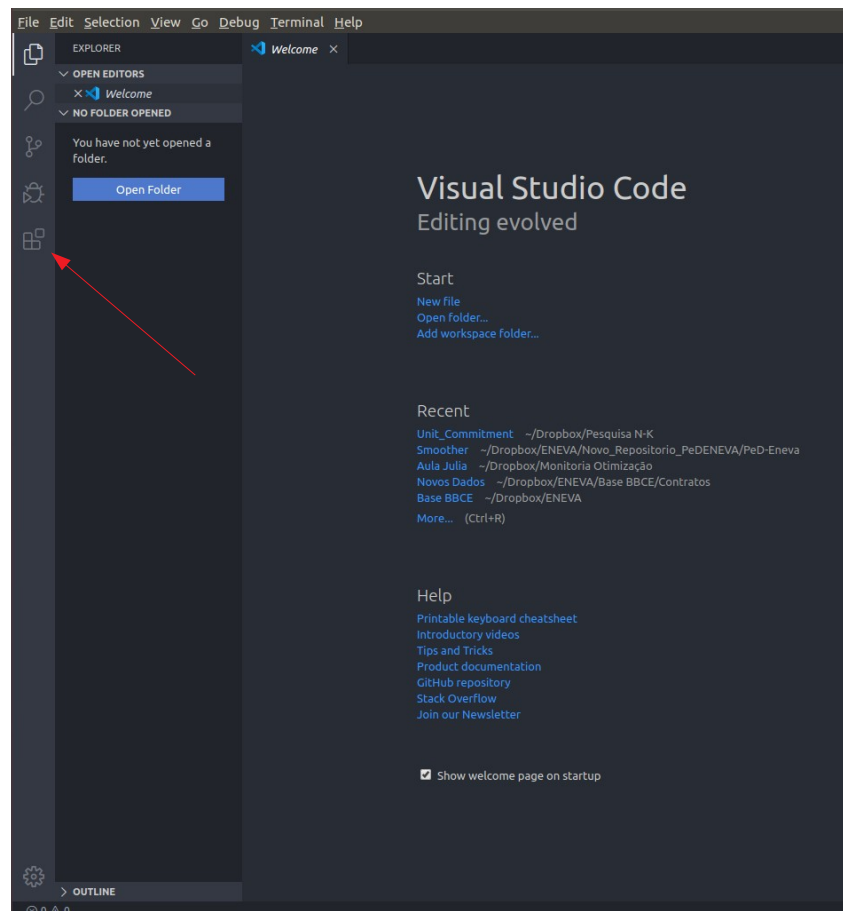


Para ajuda em variaveis de ambiente acesse: <https://www.youtube.com/watch?v=7LcDke9rLd0>

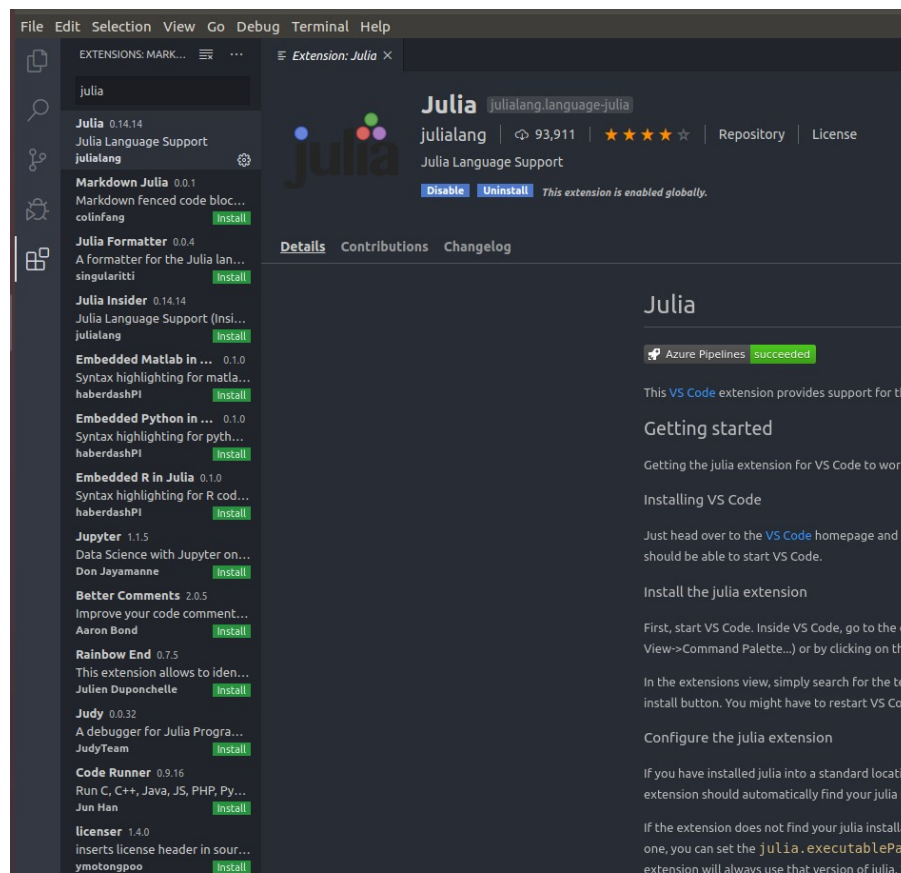
Configurando Julia no VS Code

Acesse <https://www.youtube.com/watch?v=vGE3ylqhFSw&t=235s> para um guia rápido.

Entre no VS Code e vá até **Extensions** na lateral esquerda da tela

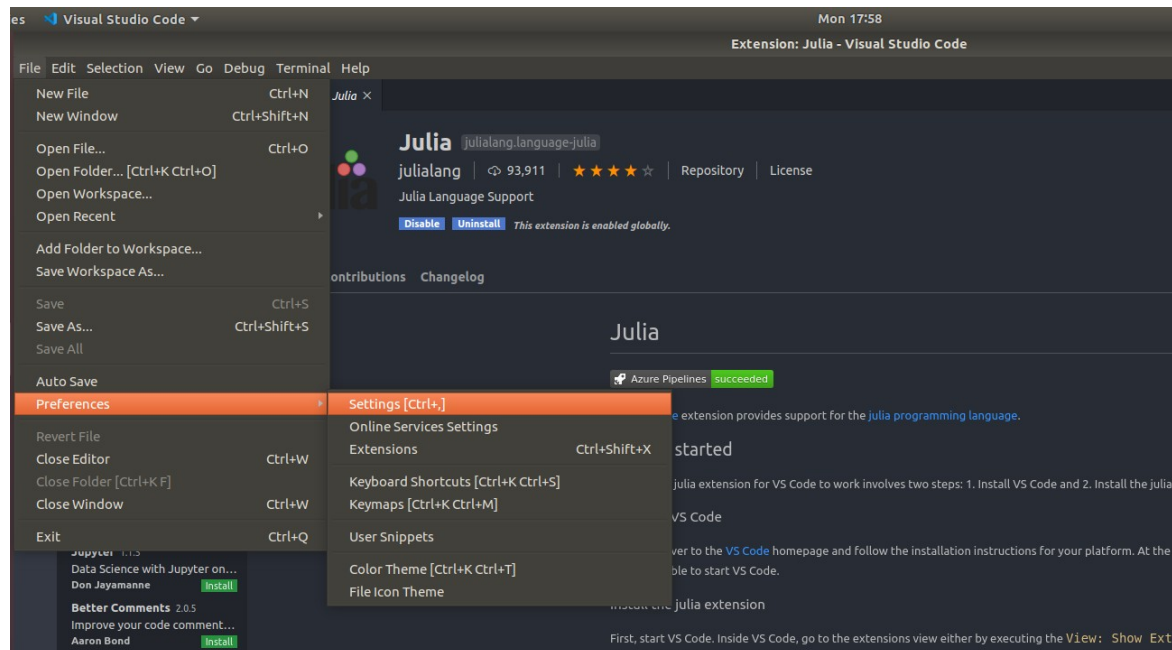


Pesquise pela extensão **julia** e a instale



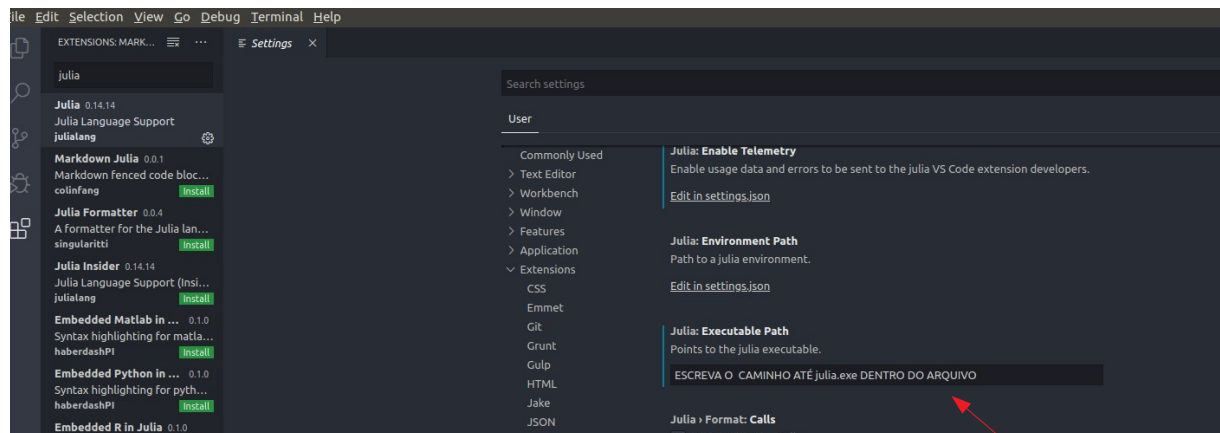
Após isso, leia as configurações de **Getting started**

Faça o VS Code encontrar o arquivo Julia baixado



Em Extensstions → Julia, vá até EXECUTABLE PATH copie o caminho (full path) do arquivo julia.exe dentro do arquivo baixado de julia 1.0.5.

Julia1.0.5 → Bin → julia.exe



Certifique-se de que o caminho está certo.

Julia deveria estar pronta para uso.