

INSTALAR COMPILADOR +CLANG NANO 2023

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Clang: a C language family frontend for LLVM

The Clang project provides a language front-end and tooling infrastructure for languages in the C language family (C, C++, Objective C/C++, OpenCL, CUDA, and RenderScript) for the [LLVM](#) project. Both a GCC-compatible compiler driver (clang) and an MSVC-compatible compiler driver (clang-cl.exe) are provided. You can [get and build](#) the source today.

Features and Goals

Some of the goals for the project include the following:

End-User Features:

- Fast compiles and low memory use
- Expressive diagnostics ([examples](#))
- GCC compatibility

Utility and Applications:

- Modular library based architecture
- Support diverse clients (refactoring, static analysis, code generation, etc.)
- Allow tight integration with IDEs
- Use the LLVM 'Apache 2' License

Internal Design and Implementation:

- A real-world, production quality compiler
- A simple and hackable code base
- A single unified parser for C, Objective C, C++, and Objective C++
- Conformance with C/C++/ObjC and their variants

LLVM Download Page

Git Access

If you'd like access to the "latest and greatest" in LLVM development, please see the instructions for accessing the [LLVM Git Repository](#). The major changes and improvements that the development version contains relative to the previous release are listed in the [Release Notes](#) for the next release.

Download LLVM 15.0.7

Sources / Pre-Built Binaries / Doxygen:

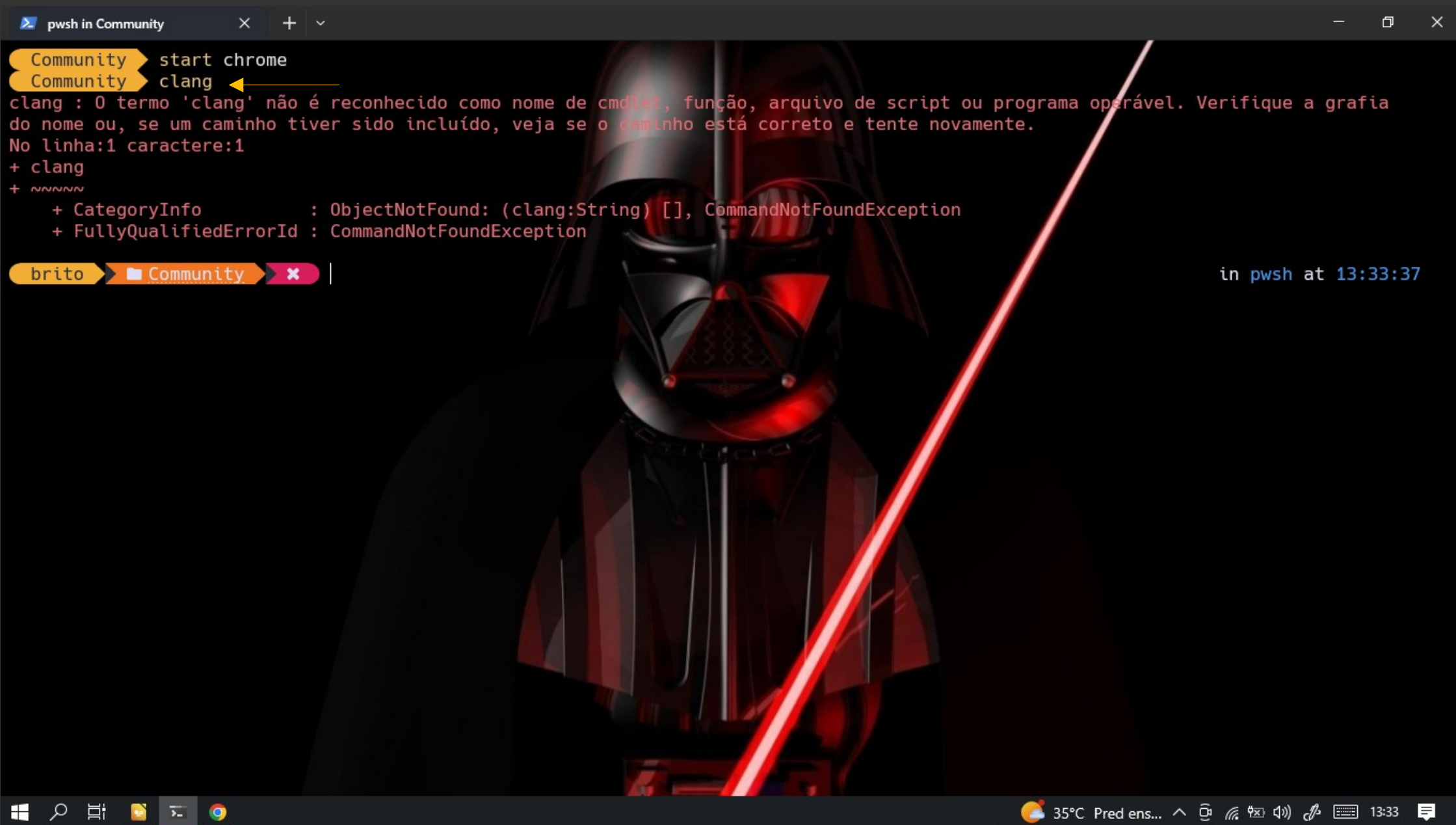
These are available on the GitHub release [page](#).

Download LLVM 15.0.6

Sources / Pre-Built Binaries / Doxygen:

These are available on the GitHub release [page](#).

Download LLVM 15.0.5



Vamos instalar o llvm o clang vem junto dele

If you'd like access to the "latest and greatest" in LLVM development, please see the instructions for accessing the [LLVM Git Repository](#). The major changes and improvements that the development version contains relative to the previous release are listed in the [Release Notes](#) for the next release.

Download LLVM 15.0.7

Sources / Pre-Built Binaries / Doxygen:

These are available on the GitHub release [page](#).

Download LLVM 15.0.6

Sources / Pre-Built Binaries / Doxygen:

These are available on the GitHub release [page](#).

Download LLVM 15.0.5

Sources / Pre-Built Binaries / Doxygen:

These are available on the GitHub release [page](#).

LLVM 15.0.7 Latest

Compare

github-actions released this Jan 12 · 20868 commits to main since this release llvmorg-15.0.7 8dfdcc7

LLVM 15.0.7 Release

Assets 45

clang+llvm-15.0.7-arm64-apple-darwin22.0.tar.xz	614 MB	13 de jan.
clang+llvm-15.0.7-powerpc64-ibm-aix-7.2.tar.xz	606 MB	há 3 semanas
clang+llvm-15.0.7-powerpc64le-linux-rhel-8.4.tar.xz	656 MB	13 de jan.
clang+llvm-15.0.7-powerpc64le-linux-ubuntu-18.04.tar.xz	676 MB	13 de jan.
clang+llvm-15.0.7-x86_64-apple-darwin21.0.tar.xz	695 MB	15 de jan.

Procuramos as versões do windows

Release LLVM 15.0.7 · llvm/llvm-project

github.com/llvm/llvm-project/releases/tag/llvmorg-15.0.7

libunwind-15.0.7.src.tar.xz	111 KB	12 de jan.
libunwind-15.0.7.src.tar.xz.sig	566 Bytes	12 de jan.
lld-15.0.7.src.tar.xz	1.34 MB	12 de jan.
lld-15.0.7.src.tar.xz.sig	566 Bytes	12 de jan.
lldb-15.0.7.src.tar.xz	9.78 MB	12 de jan.
lldb-15.0.7.src.tar.xz.sig	566 Bytes	12 de jan.
LLVM-15.0.7-win32.exe	272 MB	mês passado
LLVM-15.0.7-win64.exe	277 MB	mês passado
llvm-15.0.7.src.tar.xz	50.5 MB	12 de jan.
llvm-15.0.7.src.tar.xz.sig	566 Bytes	12 de jan.
llvm-project-15.0.7.src.tar.xz	106 MB	12 de jan.
llvm-project-15.0.7.src.tar.xz.sig	566 Bytes	12 de jan.
llvm_doxygen-.tar.xz	169 MB	12 de jan.
openmp-15.0.7.src.tar.xz	1.13 MB	12 de jan.
openmp-15.0.7.src.tar.xz.sig	566 Bytes	12 de jan.
polly-15.0.7.src.tar.xz	8.93 MB	12 de jan.
polly-15.0.7.src.tar.xz.sig	566 Bytes	12 de jan.
test-suite-15.0.7.src.tar.xz	156 MB	12 de jan.
test-suite-15.0.7.src.tar.xz.sig	566 Bytes	12 de jan.

https://github.com/llvm/llvm-project/releases/download/llvmorg-15.0.7/LLVM-15.0.7-win64.exe

35°C Pred ens... 13:36

Baixe as duas

 [LLVM-15.0.7-win32.exe](#)


 [LLVM-15.0.7-win64.exe](#)

Vamos baixar agora outras versões do llvm para programar em c e c++
Quanto mais versões novas e antigas tivermos melhor será
Vamos continuar baixando só vou explicar mais uma vez e depois colocar
as versões que baixei





Download LLVM 14.0.6

Sources / Pre-Built Binaries / Doxygen:

These are available on the GitHub release [page](#).



Baixamos as duas versões

	lldb-14.0.6.src.tar.xz.sig
	LLVM-14.0.6-win32.exe
	LLVM-14.0.6-win64.exe
	LLVM-14.0.6.tar.xz

Download LLVM 11.0.0

Sources:

- [llvm-project monorepo source code \(.sig\)](#)
- [LLVM source code \(.sig\)](#)
- [Clang source code \(.sig\)](#)
- [compiler-rt source code \(.sig\)](#)
- [libclc source code \(.sig\)](#)
- [libc++ source code \(.sig\)](#)
- [libc++abi source code \(.sig\)](#)
- [libunwind source code \(.sig\)](#)
- [LLD Source code \(.sig\)](#)
- [LLDB Source code \(.sig\)](#)
- [OpenMP Source code \(.sig\)](#)
- [Polly Source code \(.sig\)](#)
- [clang-tools-extra \(.sig\)](#)
- [Flang Source code \(.sig\)](#)
- [LLVM Test Suite \(.sig\)](#)

Documentation:

- [LLVM \(release notes\)](#)
- [Clang \(release notes\)](#)
- [clang-tools-extra \(release notes\)](#)
- [LLD \(release notes\)](#)
- [libc++ \(release notes\)](#)
- [Polly \(release notes\)](#)
- [Flang \(release notes\)](#)
- [LLVM Doxygen \(.tar.xz\)](#)
- [Clang Doxygen \(.tar.xz\)](#)
- [clang-tools-extra Doxygen \(.tar.xz\)](#)
- [Flang Doxygen \(.tar.xz\)](#)

Quando não tiver o link do git baixe os binarios Fiz isso pra versão 11

- [Flang_Doxygen](#) (.tar.xz)
















Pre-Built Binaries:

These binaries include Clang, LLD, compiler-rt, various LLVM tools, etc. varying slightly between platforms.

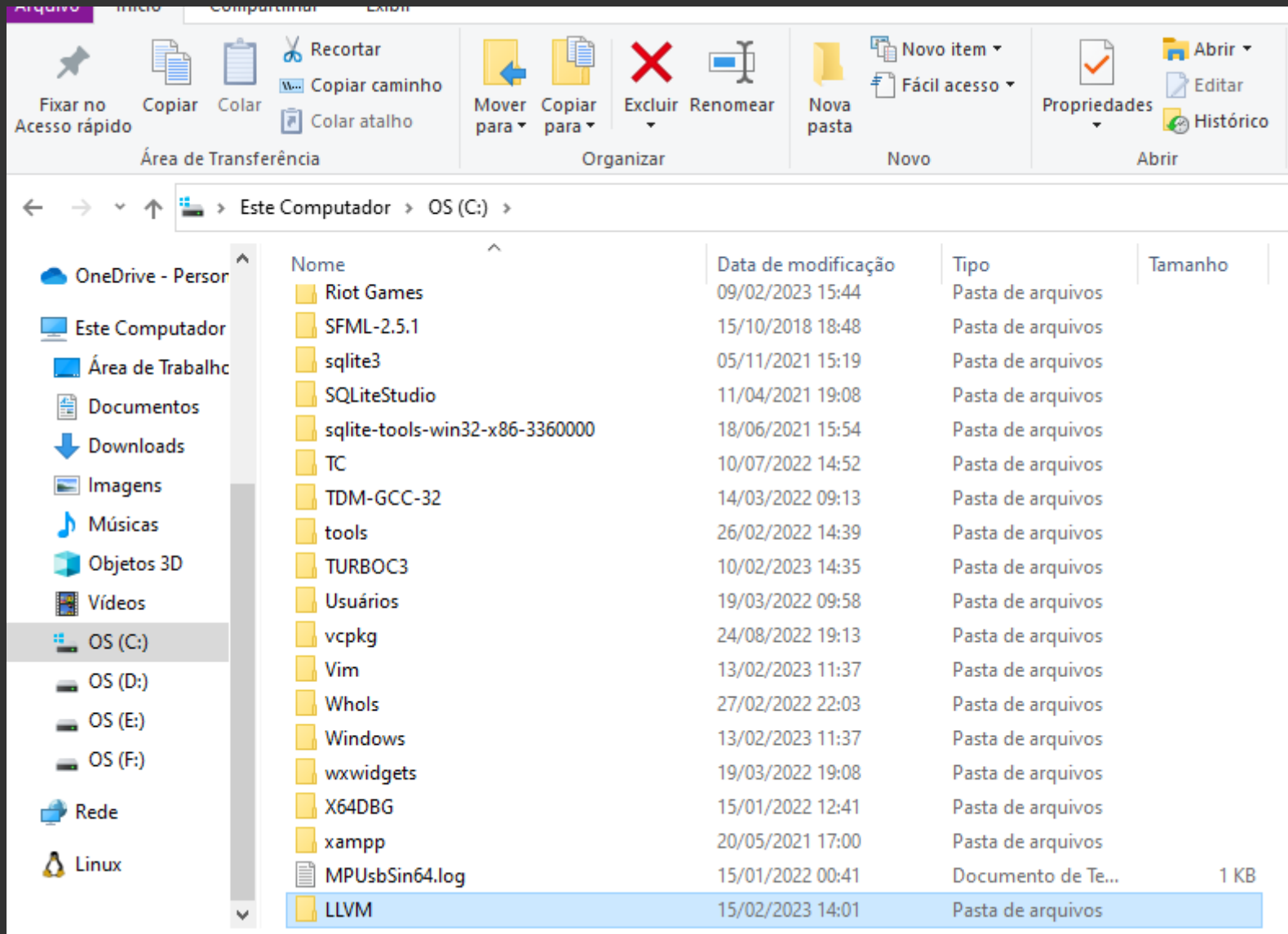
- [macOS](#) (.sig)
- [FreeBSD11 AMD64](#) (.sig)
- [FreeBSD11 i386](#) (.sig)
- [AArch64 Linux](#) (.sig)
- [armv7a Linux](#) (.sig)
- [SuSE Linux Enterprise Server 12SP4 x86_64](#) (.sig)
- [Ubuntu 16.04](#) (.sig)
- [Ubuntu 20.04](#) (.sig)
- [PowerPC64LE Red Hat Enterprise Linux 7.4](#) (.sig)
- [PowerPC64LE Ubuntu 16.04](#) (.sig)
- [amd64 Solaris 11.4](#) (.sig)
- [SPARC Solaris 11.4](#) (.sig)
- [Windows \(32-bit\)](#) (.sig) ←
- [Windows \(64-bit\)](#) (.sig) ←

Signed with PGP key [345AD05D](#).

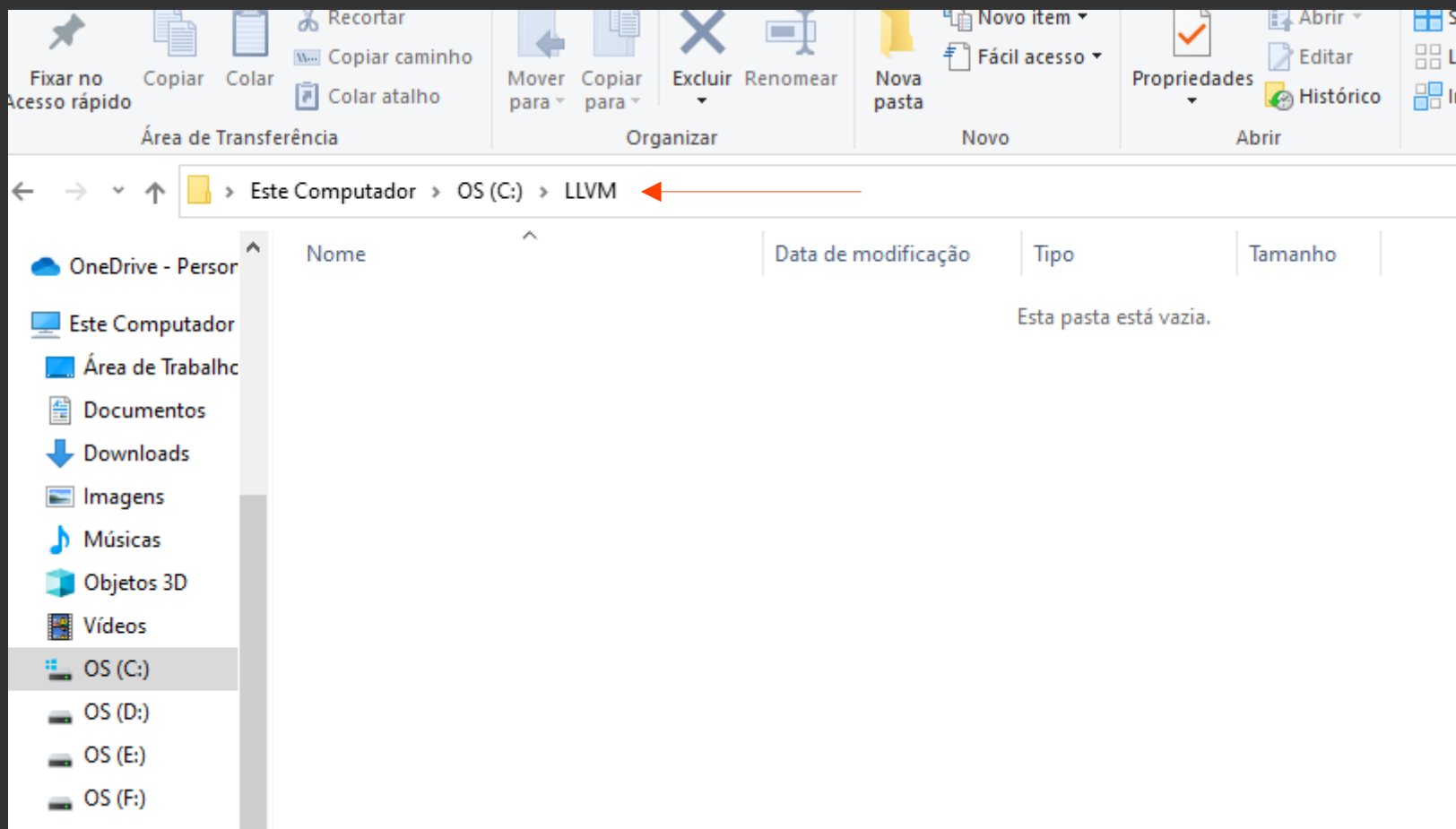
As versões que baixei

Área de Transferência		Organizar	Novo	Abrir
↑ > Este Computador > Downloads > LLVM				
	Nome	Data de modificação	Tipo	Tamanho
	 LLVM-3.4-win32.exe	15/02/2023 13:57	Aplicativo	22.759 KB
	 LLVM-3.7.0-win32.exe	15/02/2023 13:58	Aplicativo	39.071 KB
	 LLVM-3.7.0-win64.exe	15/02/2023 13:58	Aplicativo	50.706 KB
	 LLVM-5.0.0-win32.exe	15/02/2023 13:55	Aplicativo	91.877 KB
	 LLVM-5.0.0-win64.exe	15/02/2023 13:55	Aplicativo	91.952 KB
	 LLVM-9.0.0-win32.exe	15/02/2023 13:54	Aplicativo	141.877 KB
	 LLVM-9.0.0-win64.exe	15/02/2023 13:54	Aplicativo	154.215 KB
	 LLVM-11.0.0-win32.exe	15/02/2023 13:52	Aplicativo	159.397 KB
	 LLVM-11.0.0-win64.exe	15/02/2023 13:53	Aplicativo	176.550 KB
	 LLVM-14.0.6-win32.exe	15/02/2023 13:48	Aplicativo	264.311 KB
	 LLVM-14.0.6-win64.exe	15/02/2023 13:48	Aplicativo	269.653 KB
	 LLVM-15.0.7-win32.exe	15/02/2023 13:40	Aplicativo	278.654 KB
	 LLVM-15.0.7-win64.exe	15/02/2023 13:42	Aplicativo	284.041 KB
	 llvm-gcc4.2-2.9-x86-mingw32.tar.bz2	15/02/2023 13:57	WinRAR archive	25.938 KB
	 LLVM-3.5.0-win32.exe	15/02/2023 13:59	Aplicativo	32.359 KB

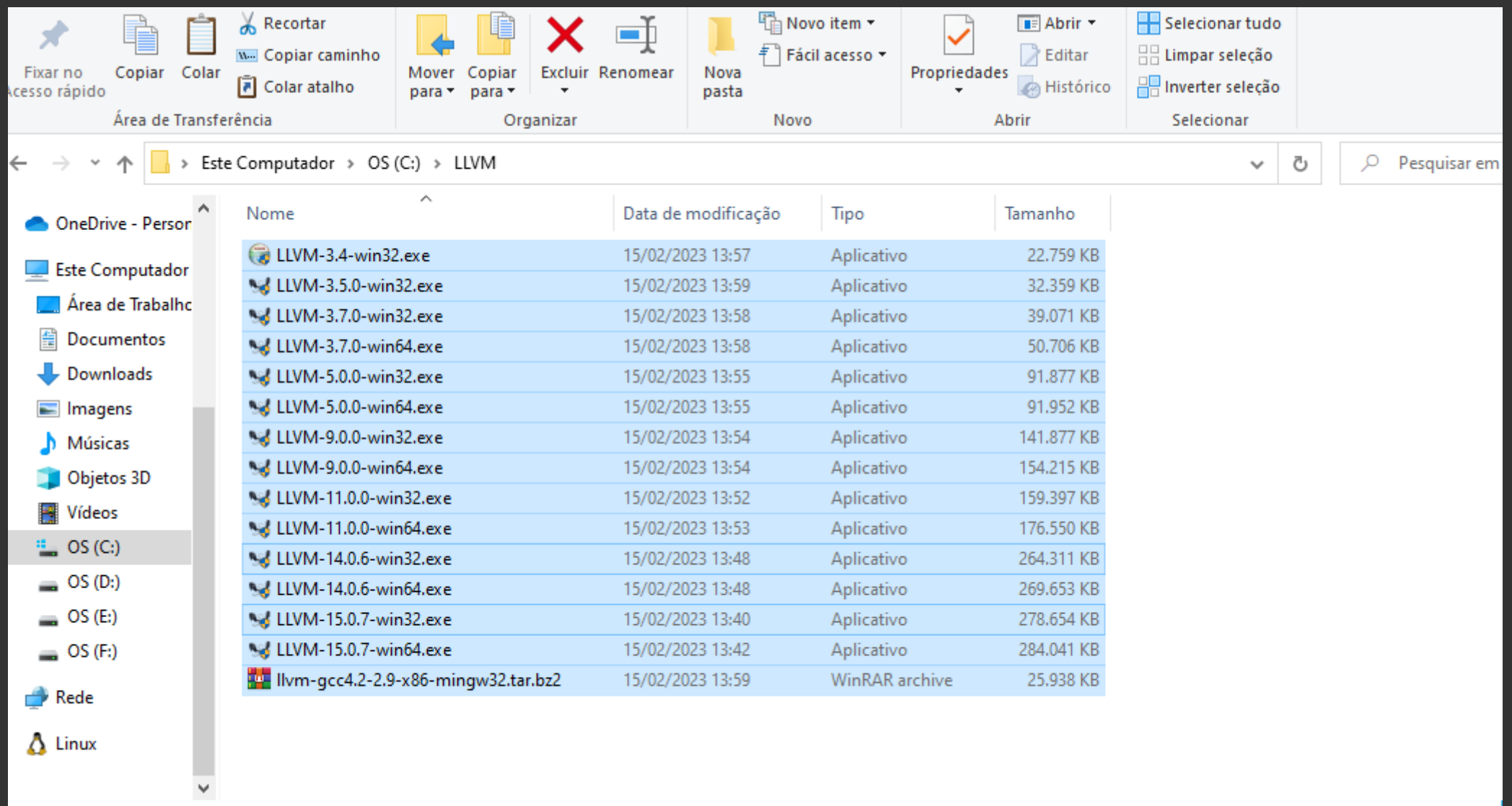
Crie uma pasta chamada LLVM
No diretório c:
Fica assim:
C:\LLVM



Copie todos os arquivos que baixamos para ca



Dentro dessa pasta cria outras com as versões dentro delas



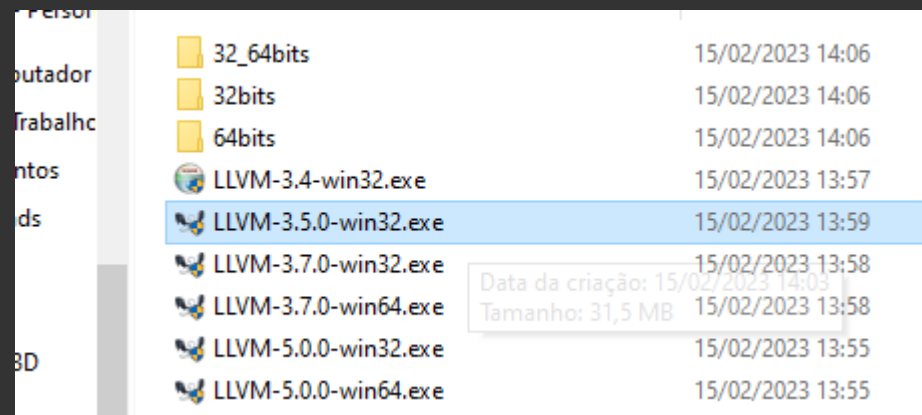
The screenshot shows a Windows File Explorer window with the address bar set to "Este Computador > OS (C:) > LLVM". The left sidebar shows the navigation pane with "OS (C:)" selected. The main pane displays a list of files and folders, organized by version and architecture. The files are listed in a table with columns for Name, Date of modification, Type, and Size.

Nome	Data de modificação	Tipo	Tamanho
LLVM-3.4-win32.exe	15/02/2023 13:57	Aplicativo	22.759 KB
LLVM-3.5.0-win32.exe	15/02/2023 13:59	Aplicativo	32.359 KB
LLVM-3.7.0-win32.exe	15/02/2023 13:58	Aplicativo	39.071 KB
LLVM-3.7.0-win64.exe	15/02/2023 13:58	Aplicativo	50.706 KB
LLVM-5.0.0-win32.exe	15/02/2023 13:55	Aplicativo	91.877 KB
LLVM-5.0.0-win64.exe	15/02/2023 13:55	Aplicativo	91.952 KB
LLVM-9.0.0-win32.exe	15/02/2023 13:54	Aplicativo	141.877 KB
LLVM-9.0.0-win64.exe	15/02/2023 13:54	Aplicativo	154.215 KB
LLVM-11.0.0-win32.exe	15/02/2023 13:52	Aplicativo	159.397 KB
LLVM-11.0.0-win64.exe	15/02/2023 13:53	Aplicativo	176.550 KB
LLVM-14.0.6-win32.exe	15/02/2023 13:48	Aplicativo	264.311 KB
LLVM-14.0.6-win64.exe	15/02/2023 13:48	Aplicativo	269.653 KB
LLVM-15.0.7-win32.exe	15/02/2023 13:40	Aplicativo	278.654 KB
LLVM-15.0.7-win64.exe	15/02/2023 13:42	Aplicativo	284.041 KB
llvm-gcc4.2-2.9-x86-mingw32.tar.bz2	15/02/2023 13:59	WinRAR archive	25.938 KB

Agora vamos instalar cada versão em sua pasta respectiva

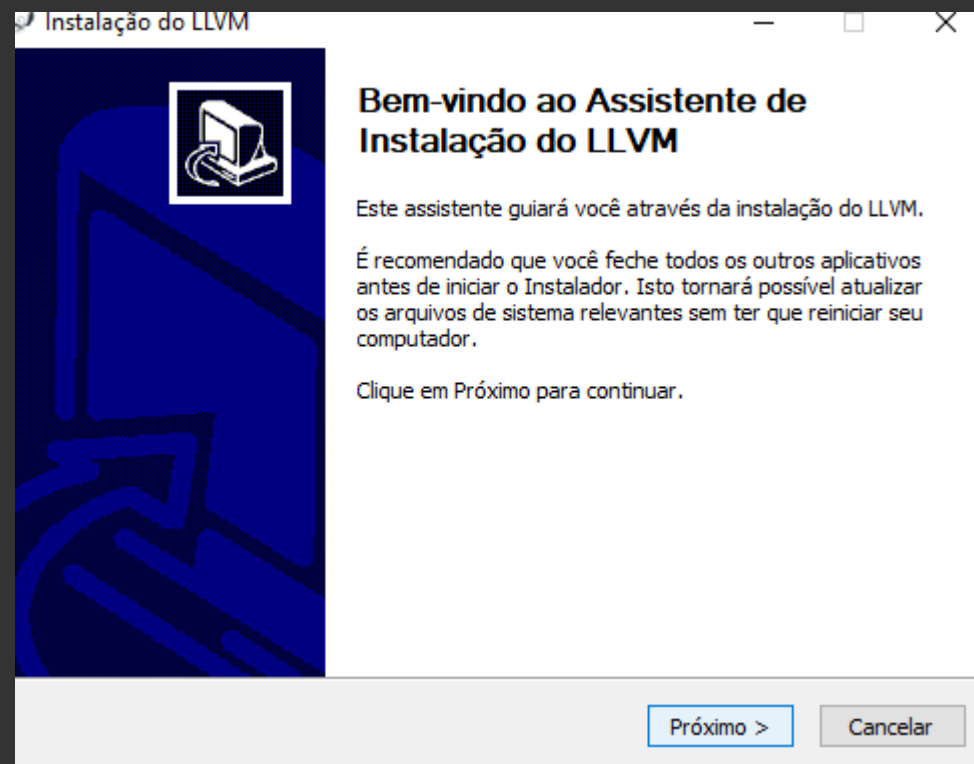
Area de Transferência		Organizar	Novo	Abrir	Selecionar
Este Computador > OS (C:) > LLVM					
Nome	Data de modificação		Tipo	Tamanho	
32_64bits	15/02/2023 14:06		Pasta de arquivos		
32bits	15/02/2023 14:06		Pasta de arquivos		
64bits	15/02/2023 14:06		Pasta de arquivos		
LLVM-3.4-win32.exe	15/02/2023 13:57		Aplicativo	22.759 KB	
LLVM-3.5.0-win32.exe	15/02/2023 13:59		Aplicativo	32.359 KB	
LLVM-3.7.0-win32.exe	15/02/2023 13:58		Aplicativo	39.071 KB	
LLVM-3.7.0-win64.exe	15/02/2023 13:58		Aplicativo	50.706 KB	
LLVM-5.0.0-win32.exe	15/02/2023 13:55		Aplicativo	91.877 KB	
LLVM-5.0.0-win64.exe	15/02/2023 13:55		Aplicativo	91.952 KB	
LLVM-9.0.0-win32.exe	15/02/2023 13:54		Aplicativo	141.877 KB	
LLVM-9.0.0-win64.exe	15/02/2023 13:54		Aplicativo	154.215 KB	
LLVM-11.0.0-win32.exe	15/02/2023 13:52		Aplicativo	159.397 KB	
LLVM-11.0.0-win64.exe	15/02/2023 13:53		Aplicativo	176.550 KB	
LLVM-14.0.6-win32.exe	15/02/2023 13:48		Aplicativo	264.311 KB	
LLVM-14.0.6-win64.exe	15/02/2023 13:48		Aplicativo	269.653 KB	
LLVM-15.0.7-win32.exe	15/02/2023 13:40		Aplicativo	278.654 KB	

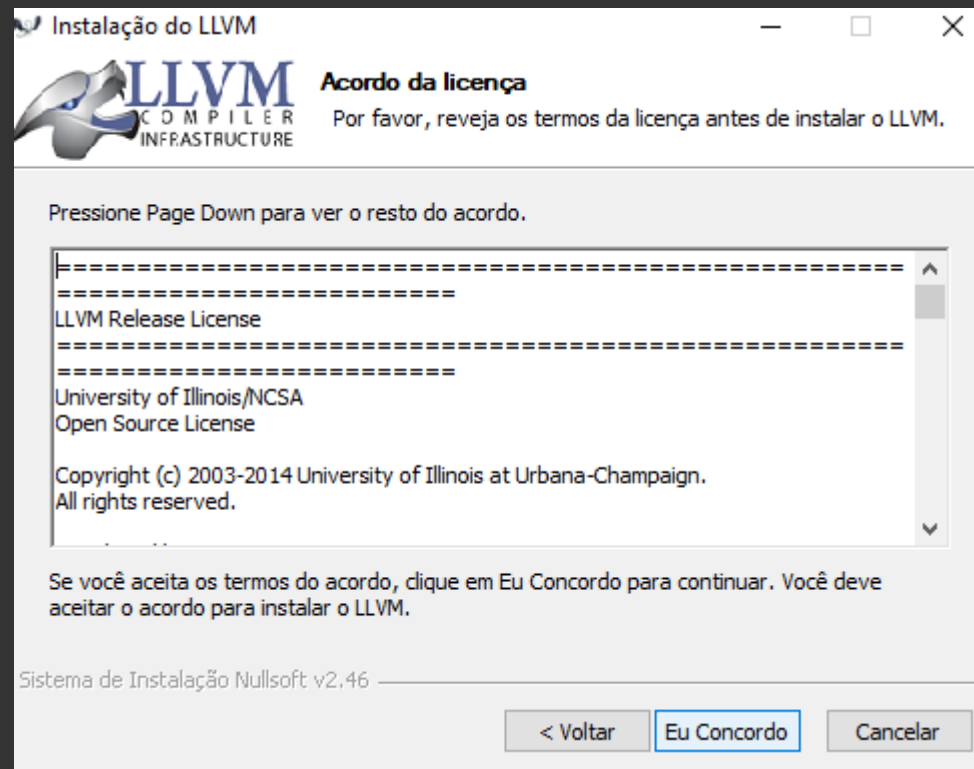
Vamos começar por essa versão e repetir para as outras



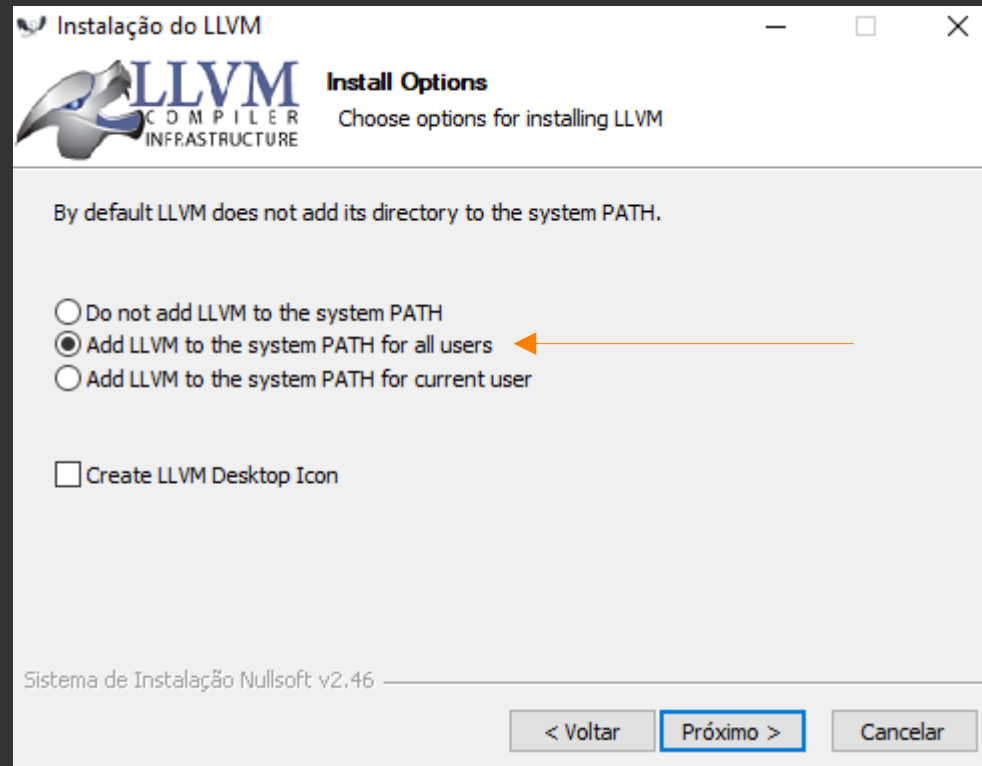
32_64bits	15/02/2023 14:06
32bits	15/02/2023 14:06
64bits	15/02/2023 14:06
LLVM-3.4-win32.exe	15/02/2023 13:57
LLVM-3.5.0-win32.exe	15/02/2023 13:59
LLVM-3.7.0-win32.exe	15/02/2023 13:58
LLVM-3.7.0-win64.exe	15/02/2023 13:58
LLVM-5.0.0-win32.exe	15/02/2023 13:55
LLVM-5.0.0-win64.exe	15/02/2023 13:55

Data da criação: 15/02/2023 14:03
Tamanho: 31,5 MB

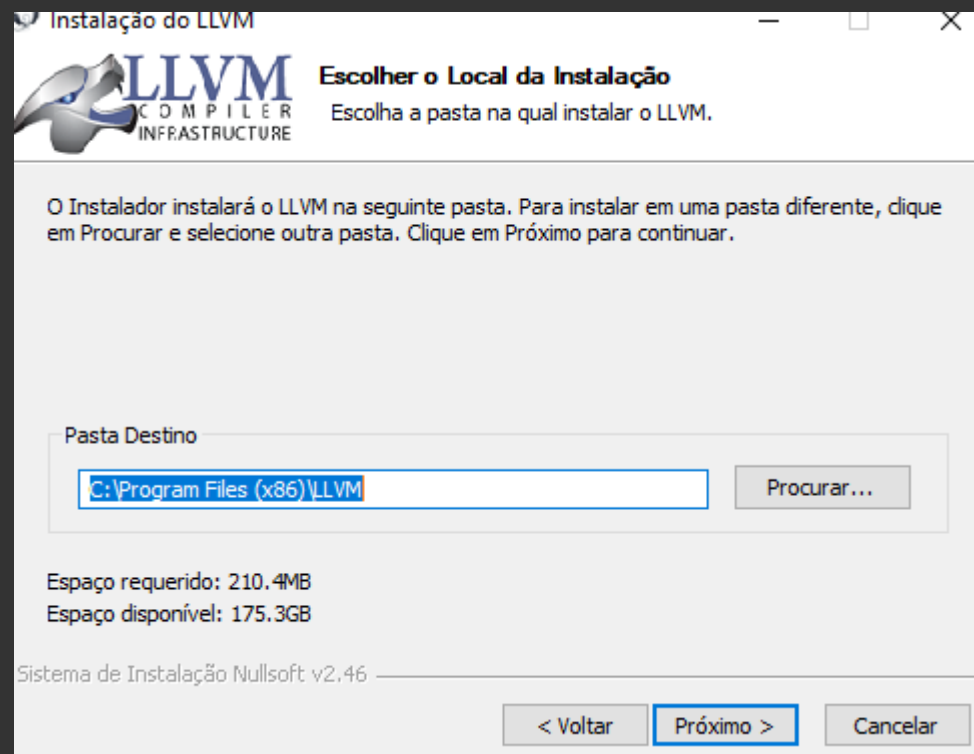




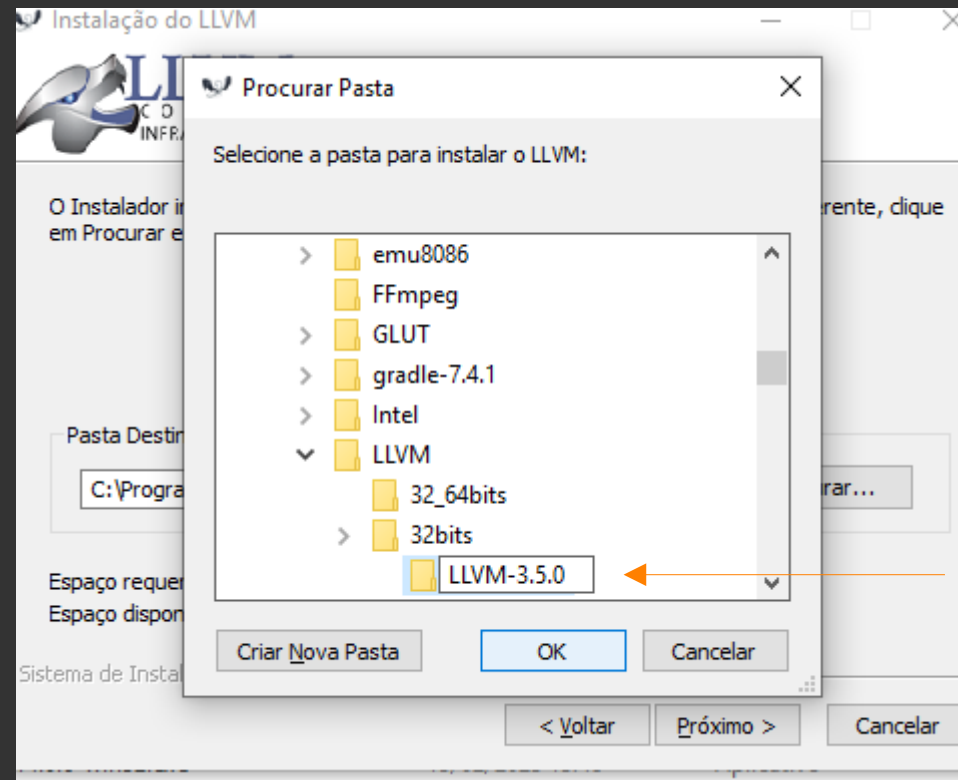
Escolhemos a opção para adicionar ao path para todos os
usuários
E não criar atalho no desktop pois instalaremos muitas
versões



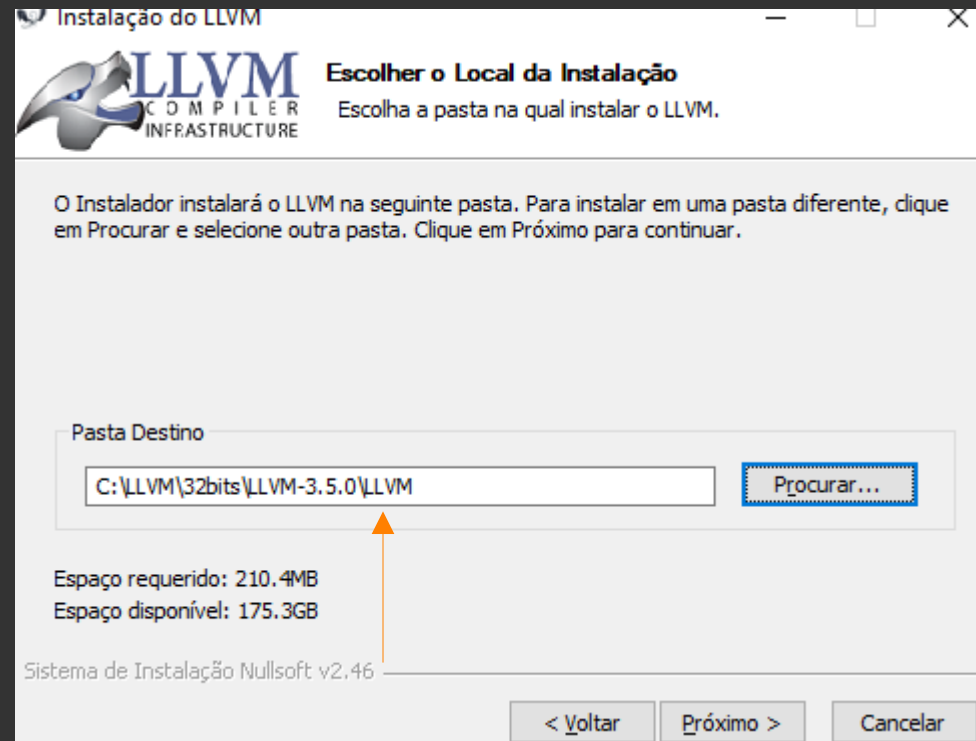
Esse é o padrão de instalação mais vamos trocar

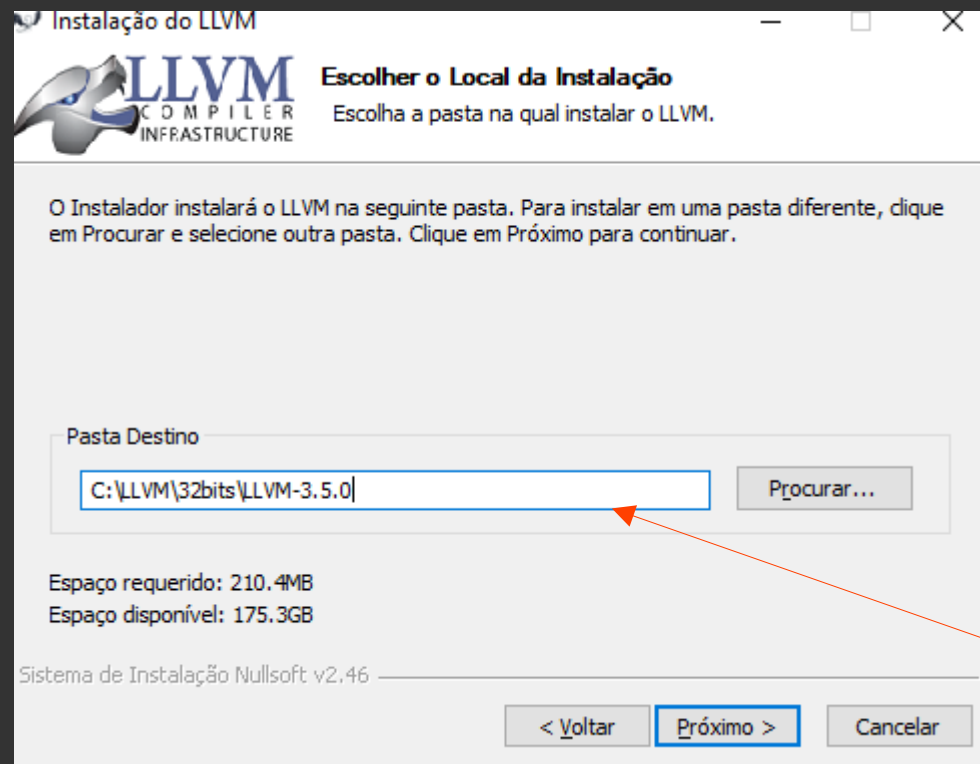


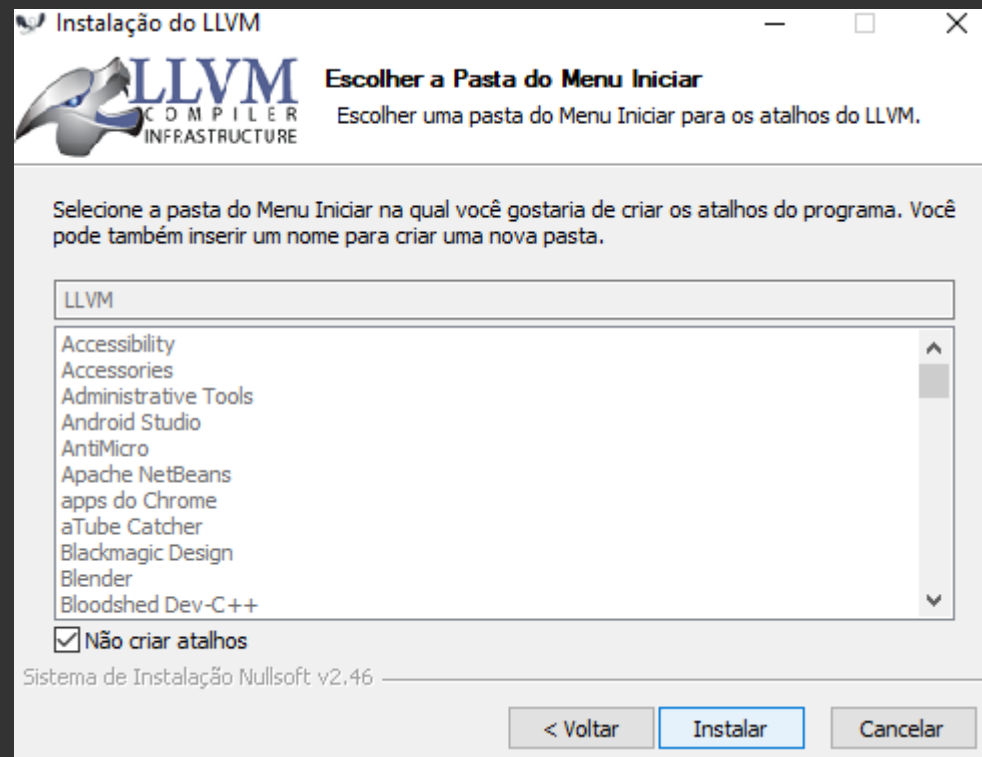
NAVEGAMOS ATÉ A PASTA
E CRIAMOS UMA PASTA COM O NUMERO DA VERSÃO QUE ESTAMOS
INSTALANDO



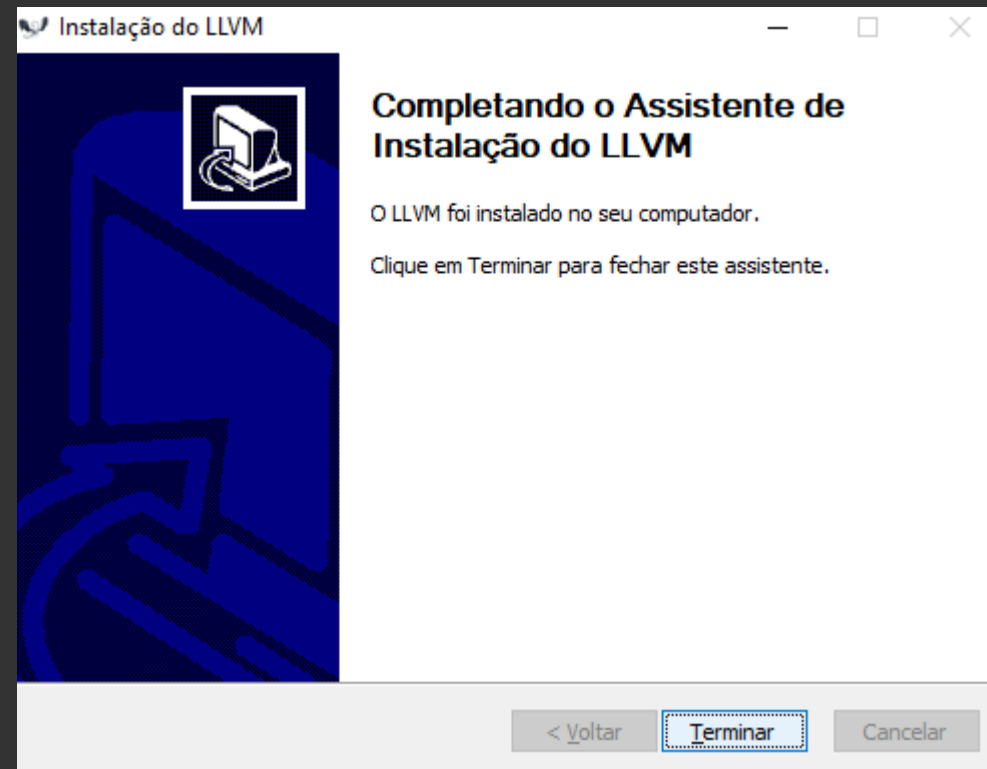
Remova esse llvm do final



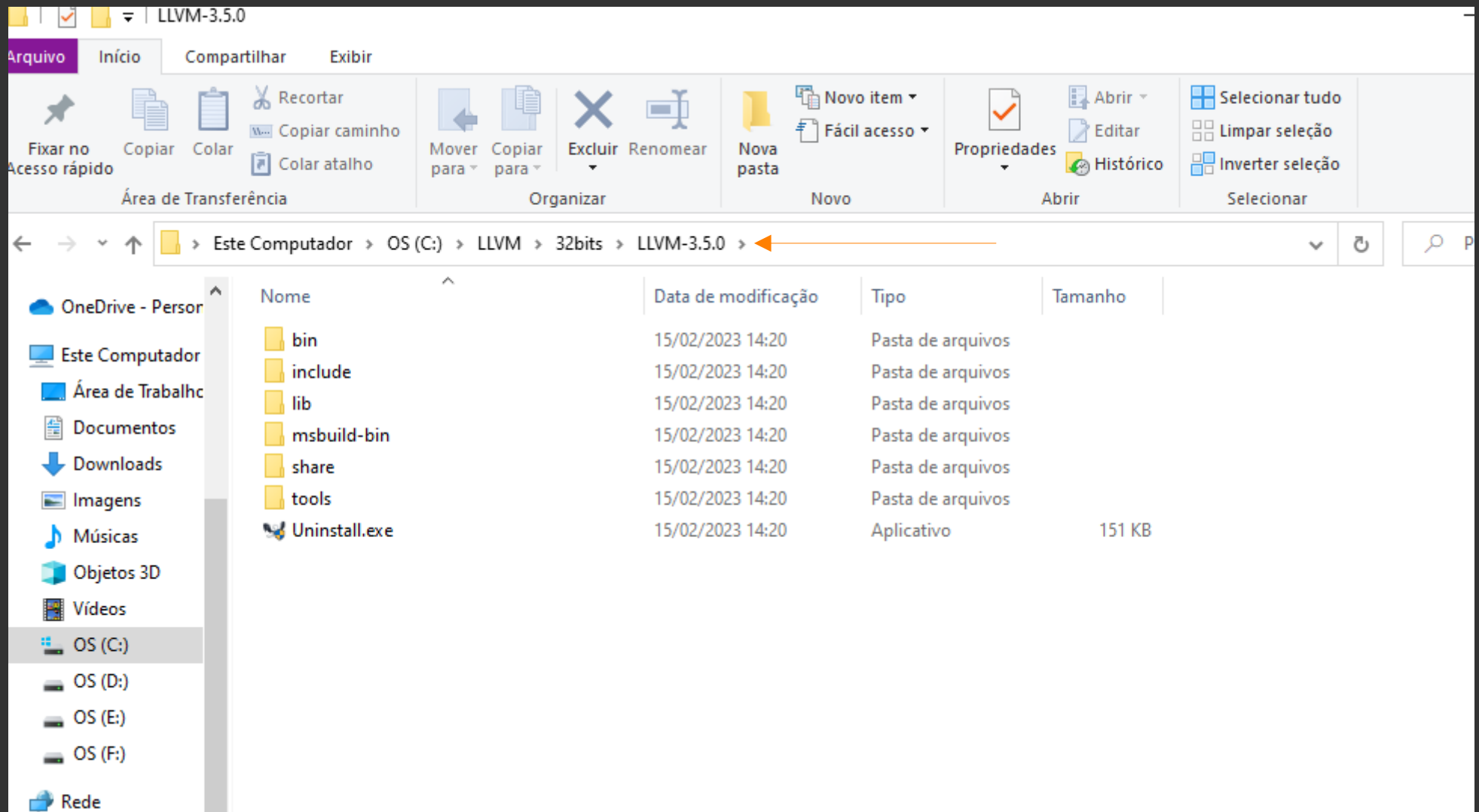






No momento da instalação apareceu o prompt mostrando erro mesmo assim deixei



O caminho e a versão que instalamos

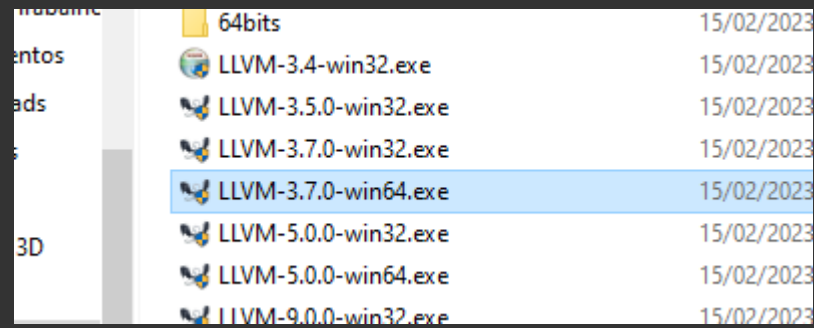


 pwsh in Community × + ▾

Community  `clang --version`
clang version 3.5.0 (217039)
Target: i686-pc-windows-gnu
Thread model: posix

brito   **Community**   |

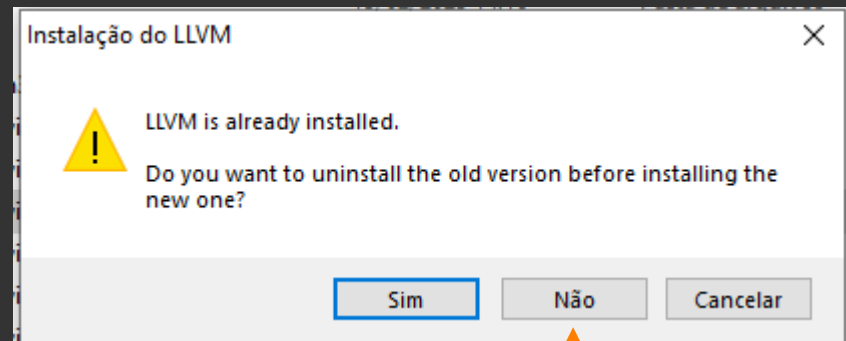
Vamos instalar agora uma versão de 64 bits

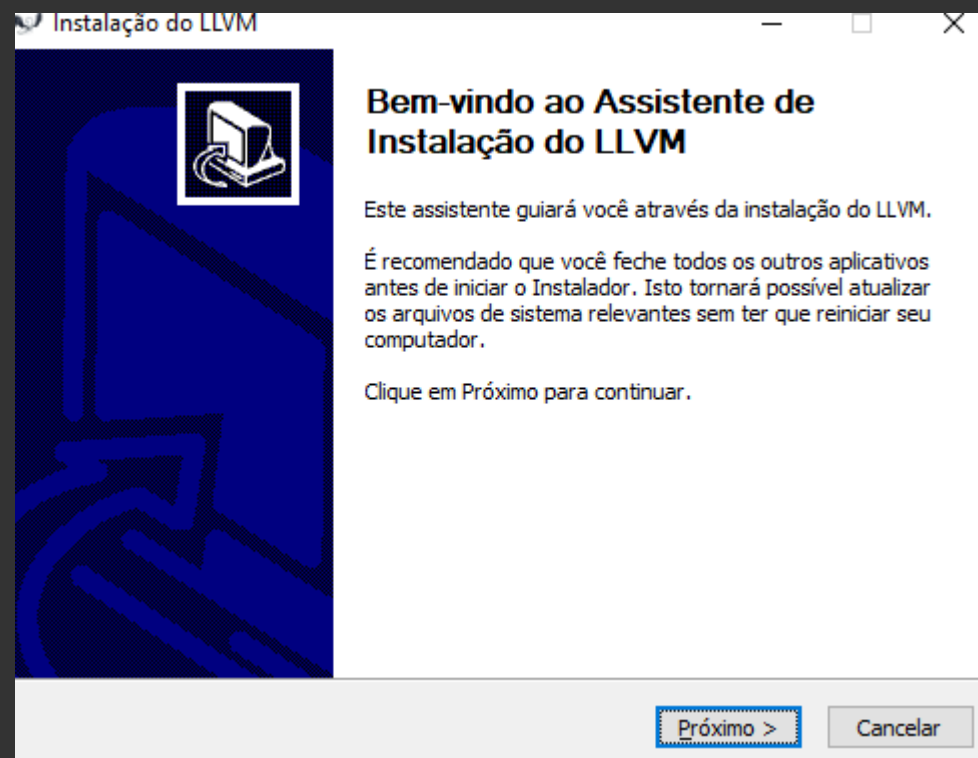


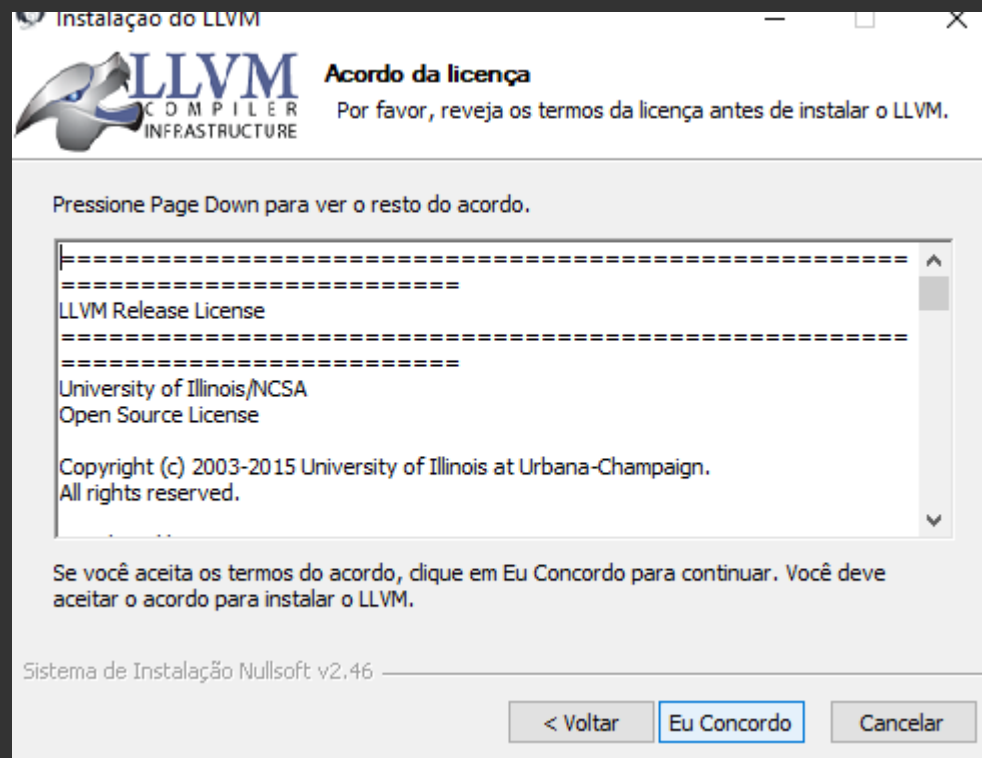
A screenshot of a file explorer window showing a list of LLVM executables. The file 'LLVM-3.7.0-win64.exe' is selected. The list includes a '64bits' folder and several LLVM versions (3.4, 3.5.0, 3.7.0, 5.0.0, 9.0.0) for both win32 and win64 architectures. The date '15/02/2023' is listed for each file.

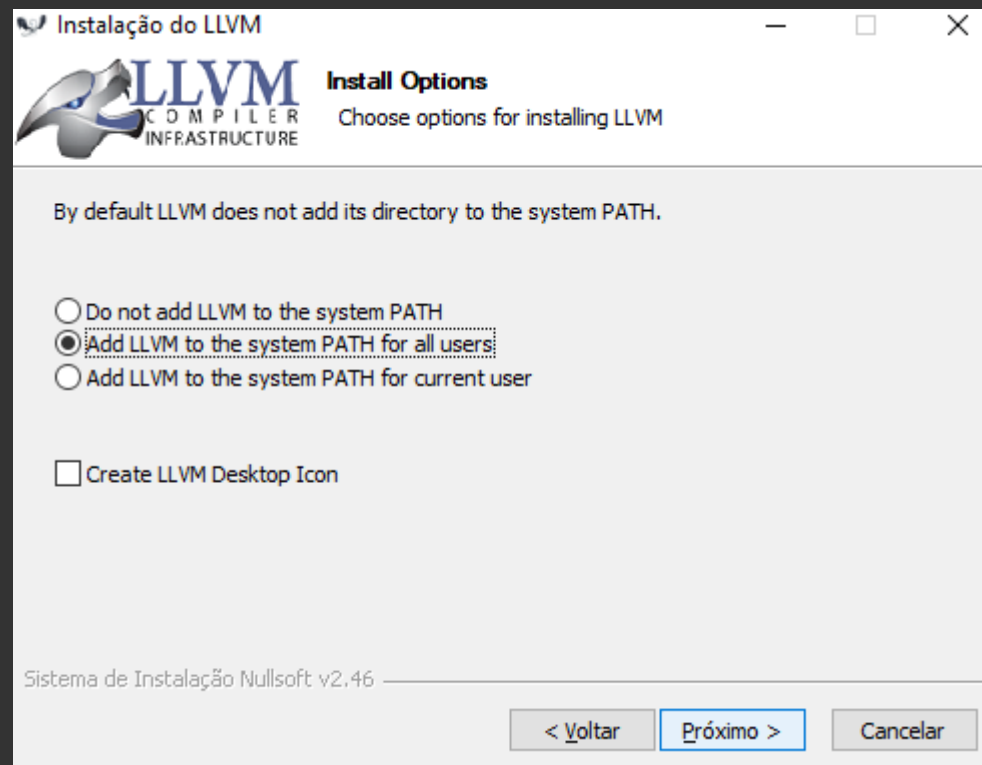
64bits	15/02/2023
LLVM-3.4-win32.exe	15/02/2023
LLVM-3.5.0-win32.exe	15/02/2023
LLVM-3.7.0-win32.exe	15/02/2023
LLVM-3.7.0-win64.exe	15/02/2023
LLVM-5.0.0-win32.exe	15/02/2023
LLVM-5.0.0-win64.exe	15/02/2023
LLVM-9.0.0-win32.exe	15/02/2023

Depois de clicar no instalador surge essa caixa perguntando
se queremos desinstalar a versão anterior
Mas não queremos desinstalar queremos ter multiplas versões
no nosso pc
Click em “Não”

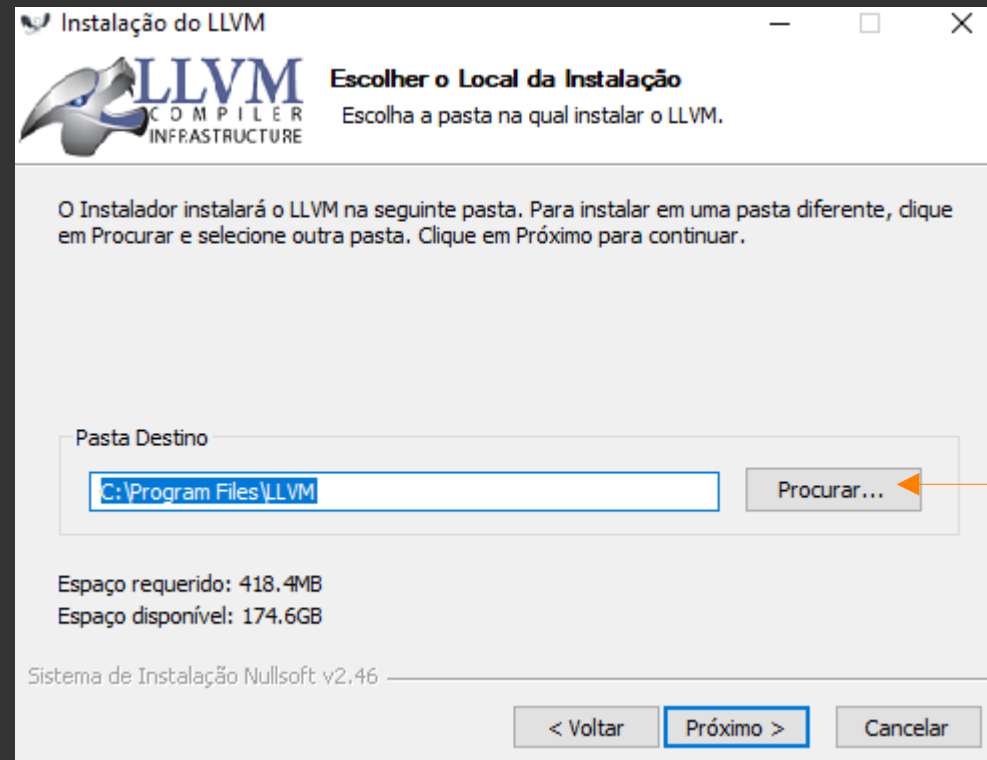


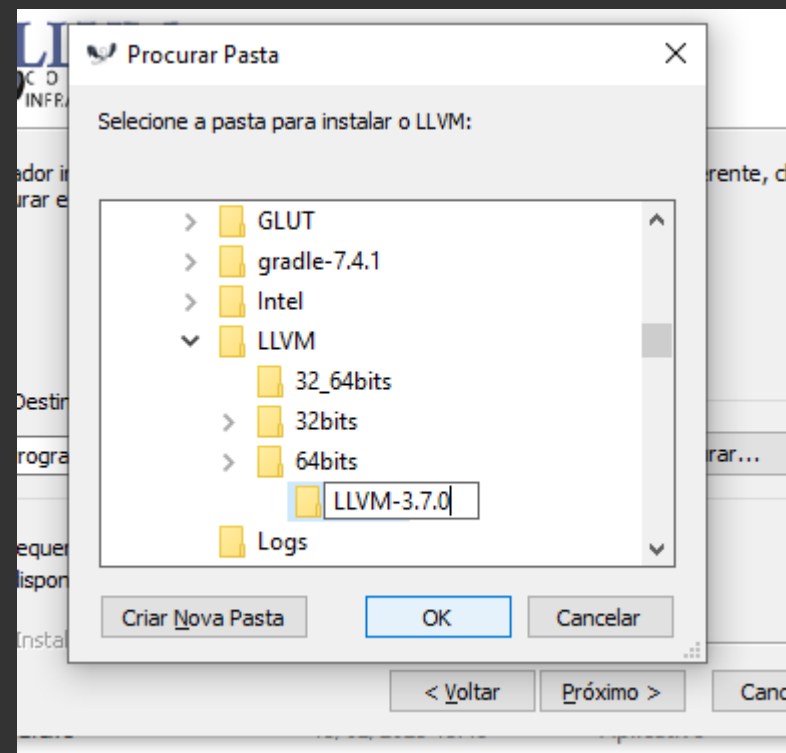




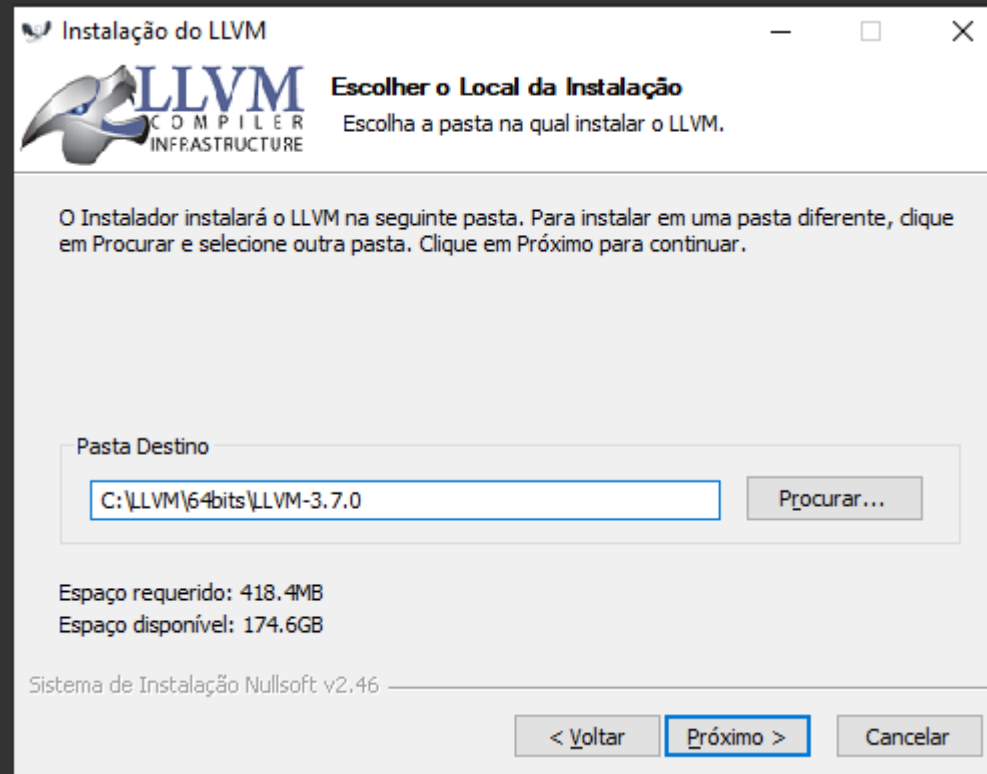


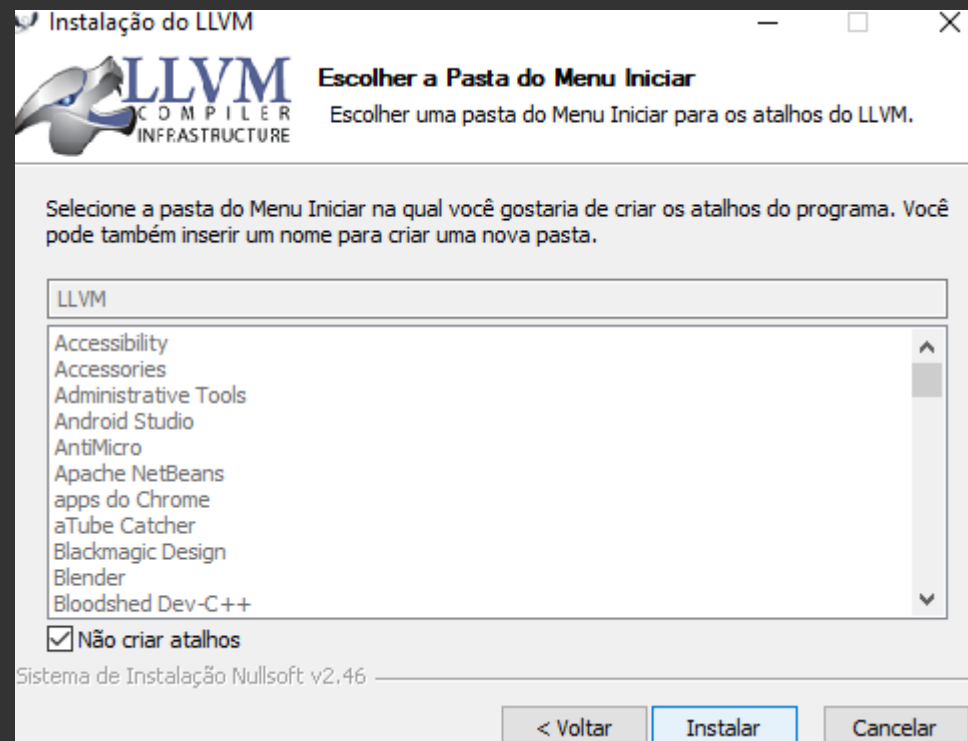
Vamos repetir o processo de instalar na pasta que criamos no c: e dentro dela criar a pasta com o numero dessa versão

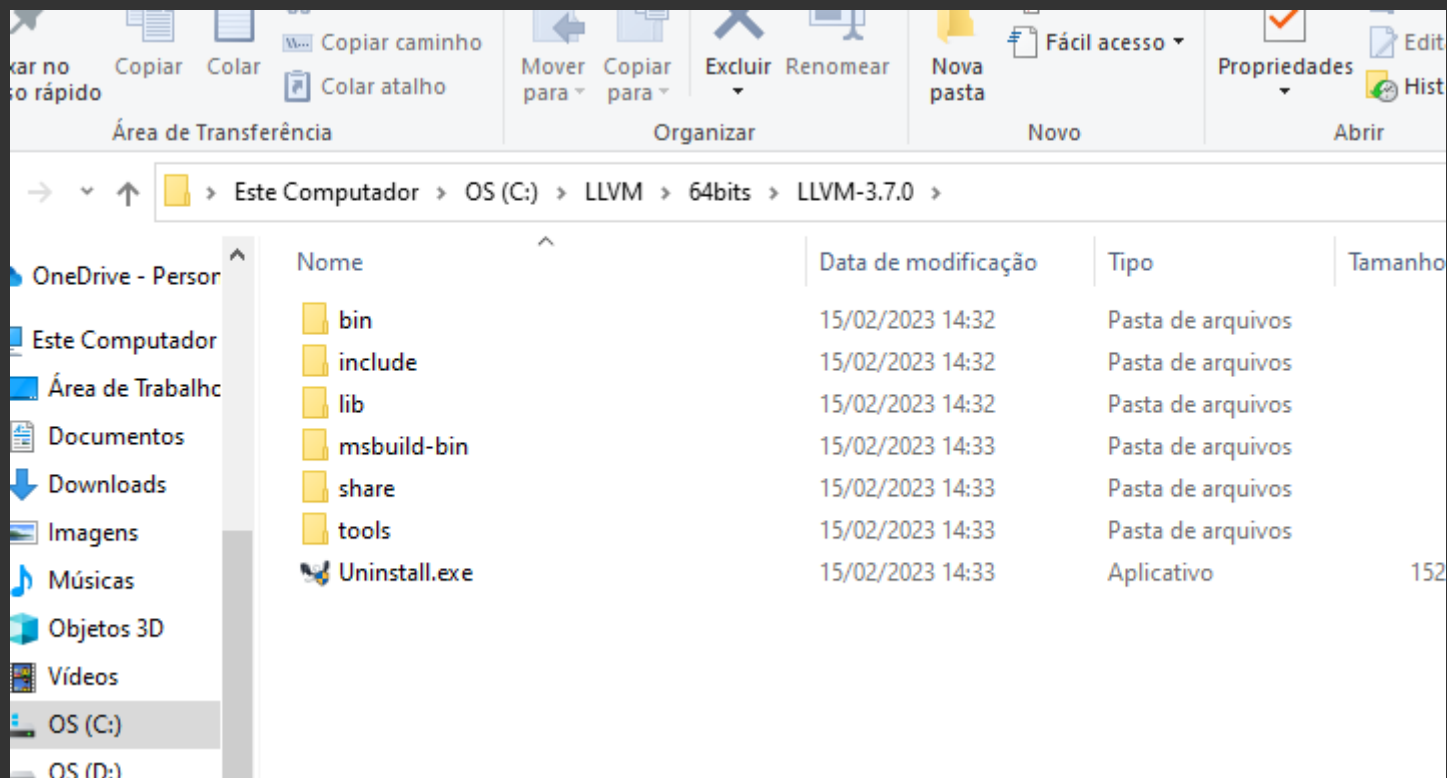




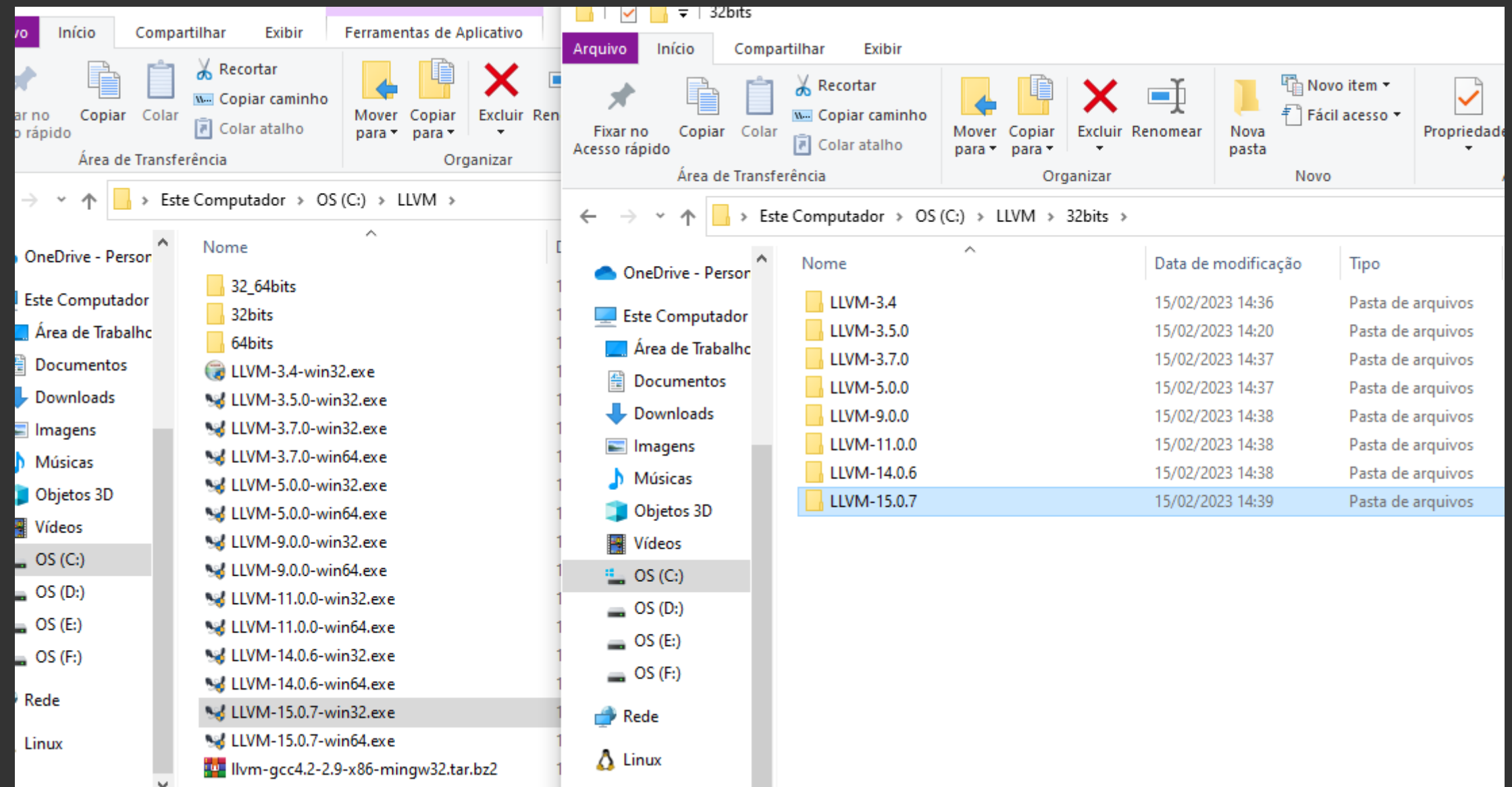
Removemos o llvm do final



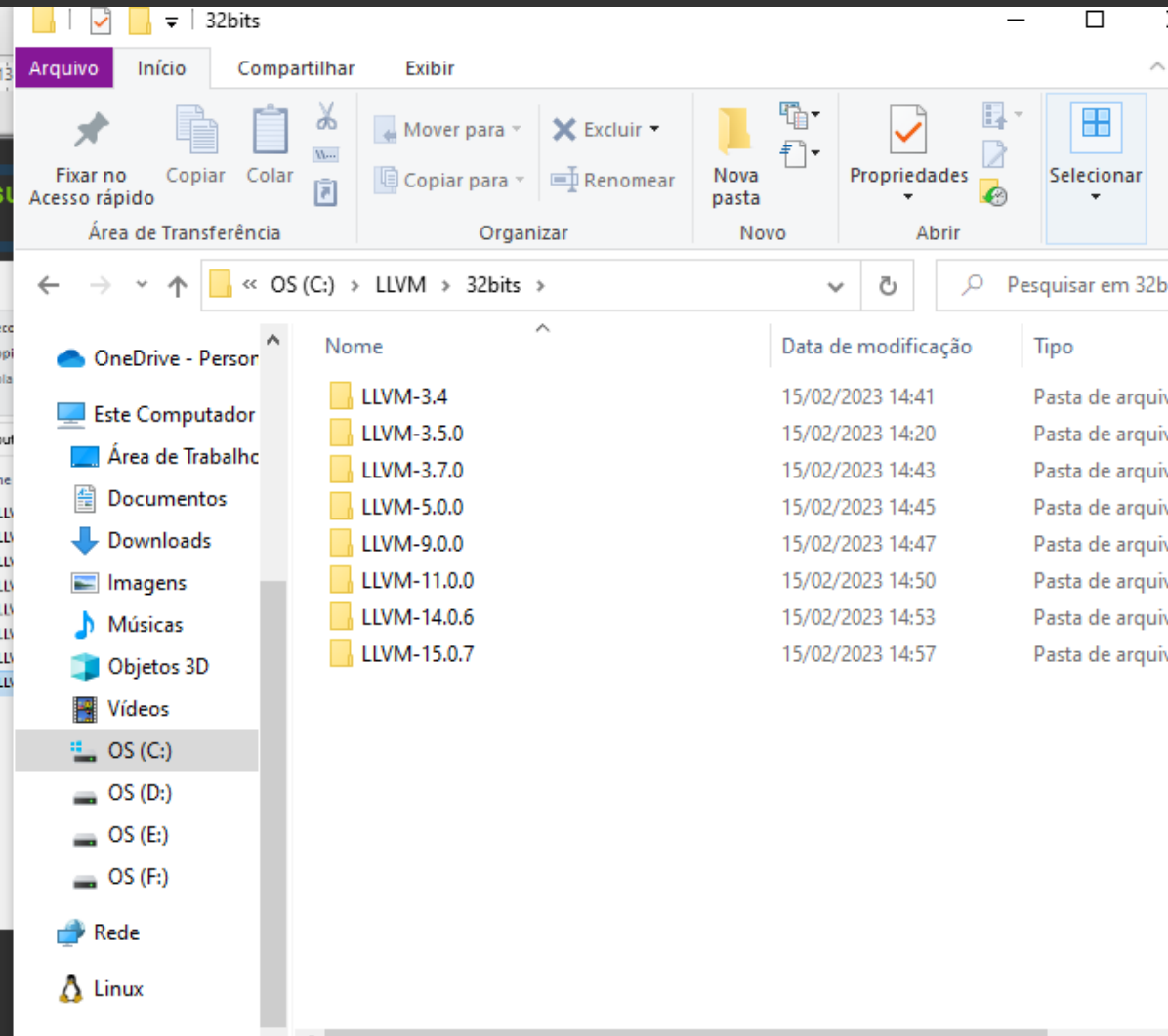
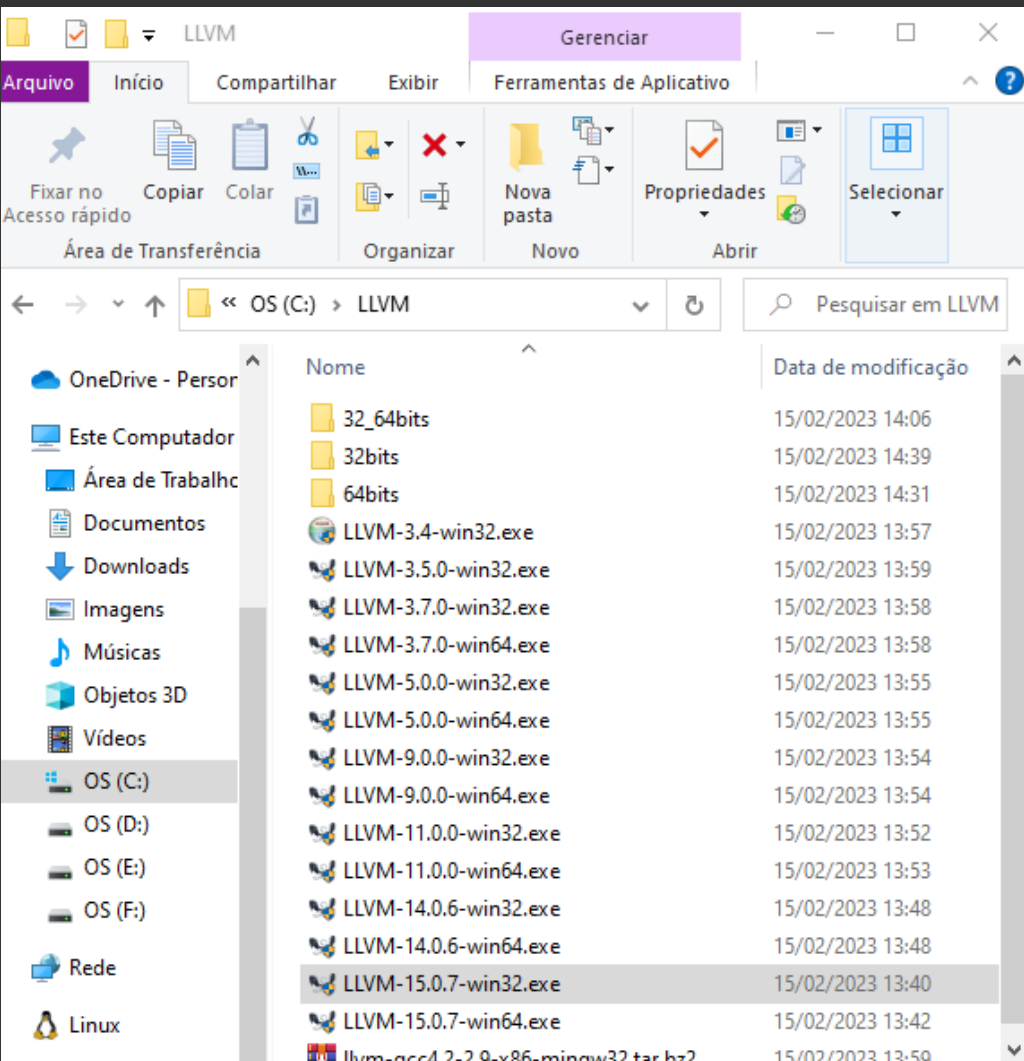




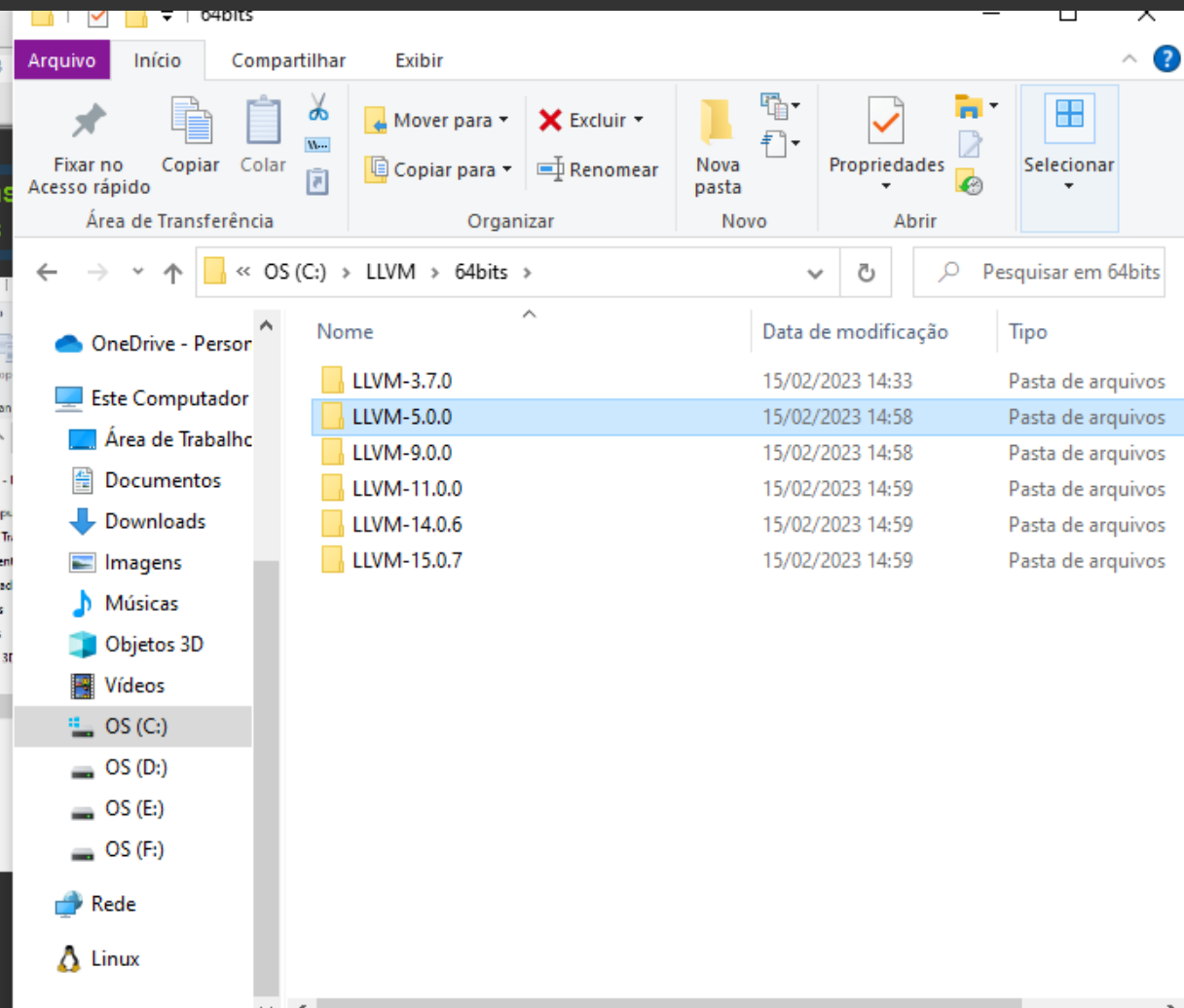
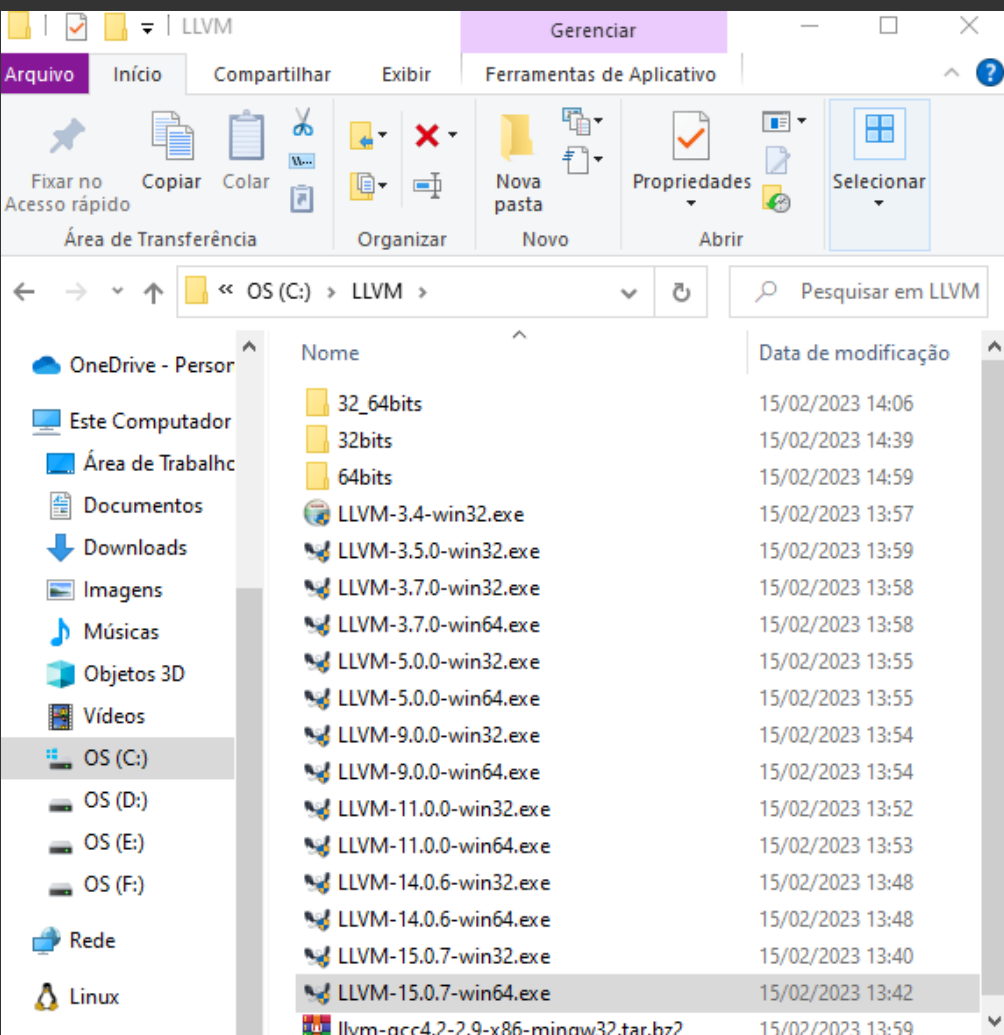
Agora criei as pasta com suas versões de 32bits



Com as versões de 32bits instaladas agora vamos instalar as de 64bits



INSTALANDO AS DE 64BITS



TODAS DE 64 INSTALADAS

LLVM

Gerenciar

Arquivo Início Compartilhar Exibir Ferramentas de Aplicativo

Fixar no Acesso rápido Copiar Colar Organizar Novo Propriedades Abrir Selecionar

Área de Transferência

« OS (C:) » LLVM

Pesquisar em LLVM

Nome	Data de modificação
32_64bits	15/02/2023 14:06
32bits	15/02/2023 14:39
64bits	15/02/2023 14:59
LLVM-3.4-win32.exe	15/02/2023 13:57
LLVM-3.5.0-win32.exe	15/02/2023 13:59
LLVM-3.7.0-win32.exe	15/02/2023 13:58
LLVM-3.7.0-win64.exe	15/02/2023 13:58
LLVM-5.0.0-win32.exe	15/02/2023 13:55
LLVM-5.0.0-win64.exe	15/02/2023 13:55
LLVM-9.0.0-win32.exe	15/02/2023 13:54
LLVM-9.0.0-win64.exe	15/02/2023 13:54
LLVM-11.0.0-win32.exe	15/02/2023 13:52
LLVM-11.0.0-win64.exe	15/02/2023 13:53
LLVM-14.0.6-win32.exe	15/02/2023 13:48
LLVM-14.0.6-win64.exe	15/02/2023 13:48
LLVM-15.0.7-win32.exe	15/02/2023 13:40
LLVM-15.0.7-win64.exe	15/02/2023 13:42

64bits

Arquivo Início Compartilhar Exibir

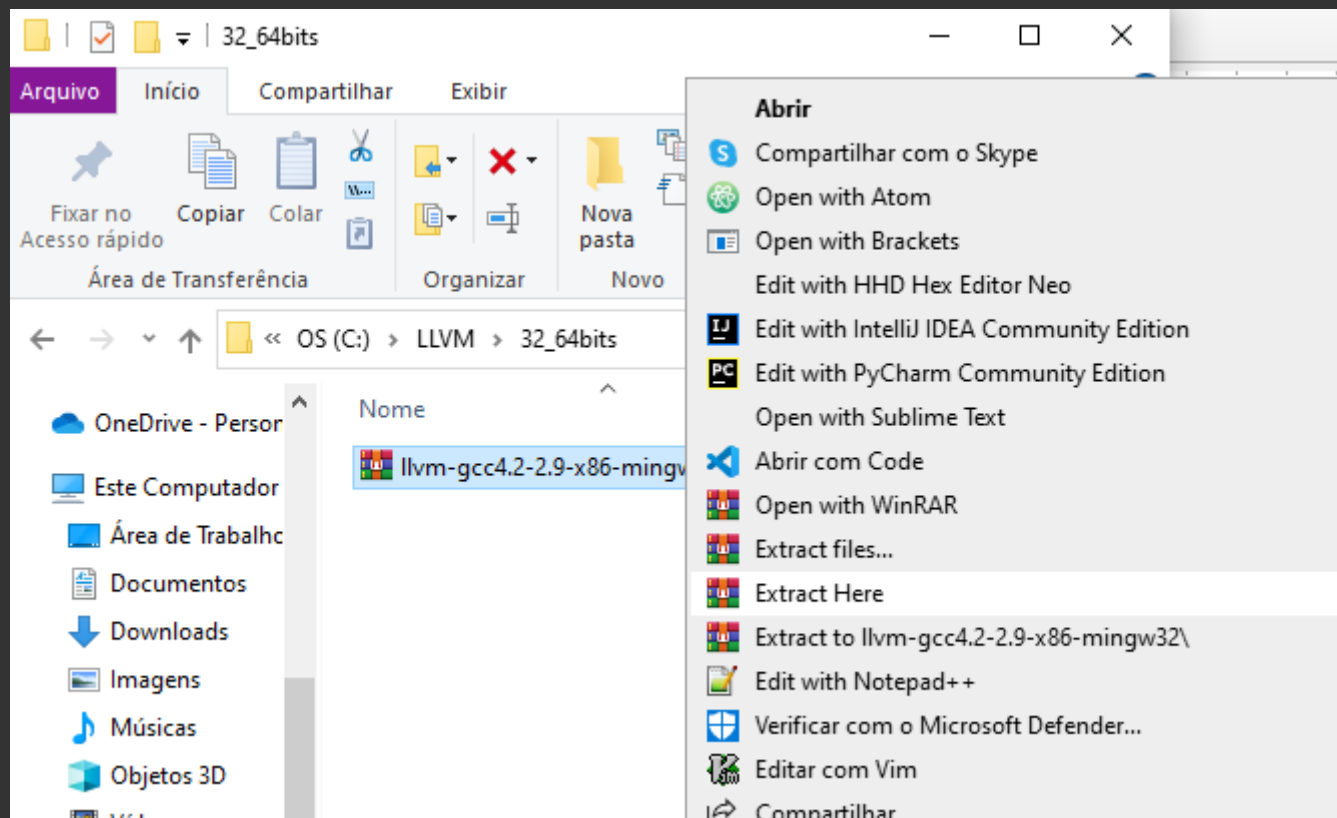
Fixar no Acesso rápido Copiar Colar Organizar Novo Propriedades Abrir Selecionar

Área de Transferência

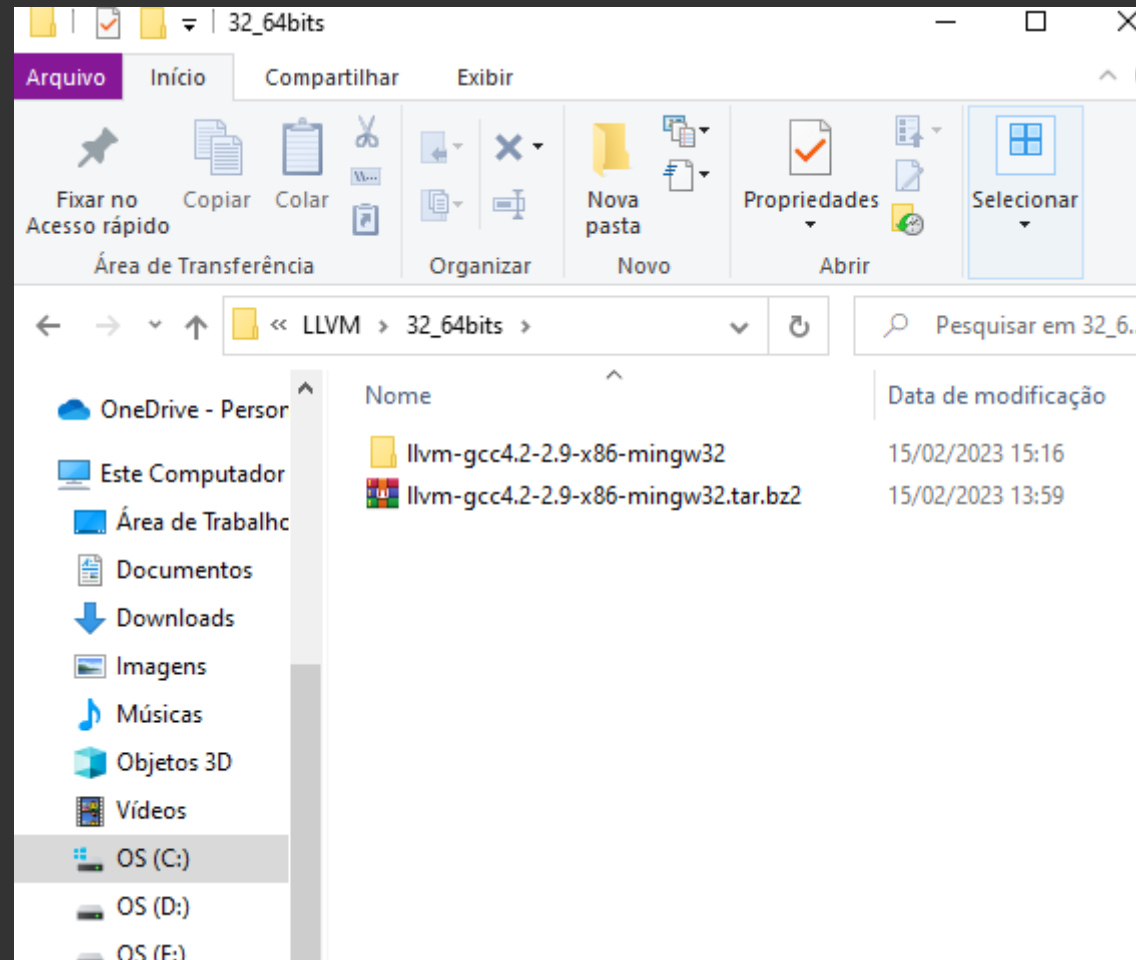
« OS (C:) » LLVM » 64bits »

Pesquisar em 64bits

Nome	Data de modificação	Tipo
LLVM-3.7.0	15/02/2023 14:33	Pasta de arquivos
LLVM-5.0.0	15/02/2023 15:02	Pasta de arquivos
LLVM-9.0.0	15/02/2023 15:05	Pasta de arquivos
LLVM-11.0.0	15/02/2023 15:08	Pasta de arquivos
LLVM-14.0.6	15/02/2023 15:11	Pasta de arquivos
LLVM-15.0.7	15/02/2023 15:14	Pasta de arquivos



Essa eu só extrai e deixei ai não sei se devemos
adicionar os binarios ao path



Temos duas as variaveis adicionas ao path

Community clang --version
clang version 3.5.0 (217039)
Target: i686-pc-windows-gnu
Thread model: posix
brito Community

Propriedades do Sistema

Variáveis de Ambiente

in pwsh at 15:18:29

Editar a variável de ambiente

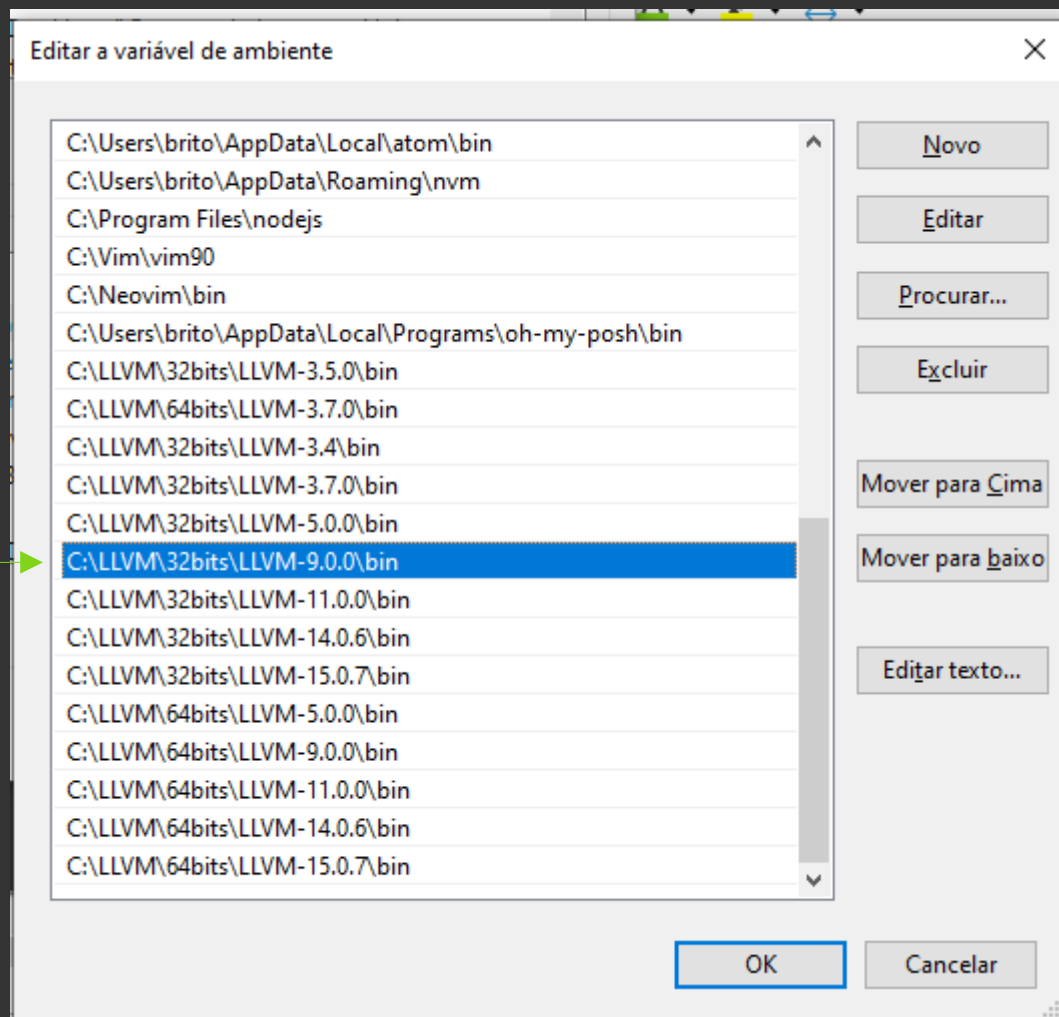
Variável	Valor
NVM_HOME	C:\Users\brito\AppData\Roaming\nvm
NVM_SYMLINK	C:\Program Files\nodejs
OneDrive	C:\Users\brito\OneDrive
OneDriveConsumer	C:\Users\brito\OneDrive
Path	C:\Users\brito\scoop\shims;C:\Users\brito\AppData\Local\Progra...
POSH_THEMES_PATH	C:\Users\brito\AppData\Local\Programs\oh-my-posh\themes
PvCharm Community Edition	C:\Program Files\JetBrains\PvCharm Community Edition

Variável	Valor
ChocolateyInstall	C:\ProgramData\chocolatey
ComSpec	C:\WINDOWS\system32\cmd.exe
DriverData	C:\Windows\System32\DriverData
JAVA_HOME	C:\Program Files\Java\jdk-8.0.602\bin
M2_HOME	C:\apache-maven-3.6.3\bin
NUMBER_OF_PROCESSORS	4
NVM_HOME	C:\Users\brito\AppData\Roaming\nvm

C:\Users\brito\AppData\Local\atom\bin
C:\Users\brito\AppData\Roaming\nvm
C:\Program Files\nodejs
C:\Vim\vim90
C:\Neovim\bin
C:\Users\brito\AppData\Local\Programs\oh-my-posh\bin
C:\LLVM\32bits\LLVM-3.5.0\bin
C:\LLVM\64bits\LLVM-3.7.0\bin
C:\LLVM\32bits\LLVM-3.4\bin
C:\LLVM\32bits\LLVM-3.7.0\bin
C:\LLVM\32bits\LLVM-5.0.0\bin
C:\LLVM\32bits\LLVM-9.0.0\bin
C:\LLVM\32bits\LLVM-11.0.0\bin
C:\LLVM\32bits\LLVM-14.0.6\bin
C:\LLVM\32bits\LLVM-15.0.7\bin
C:\LLVM\64bits\LLVM-5.0.0\bin
C:\LLVM\64bits\LLVM-9.0.0\bin
C:\LLVM\64bits\LLVM-11.0.0\bin
C:\LLVM\64bits\LLVM-14.0.6\bin
C:\LLVM\64bits\LLVM-15.0.7\bin

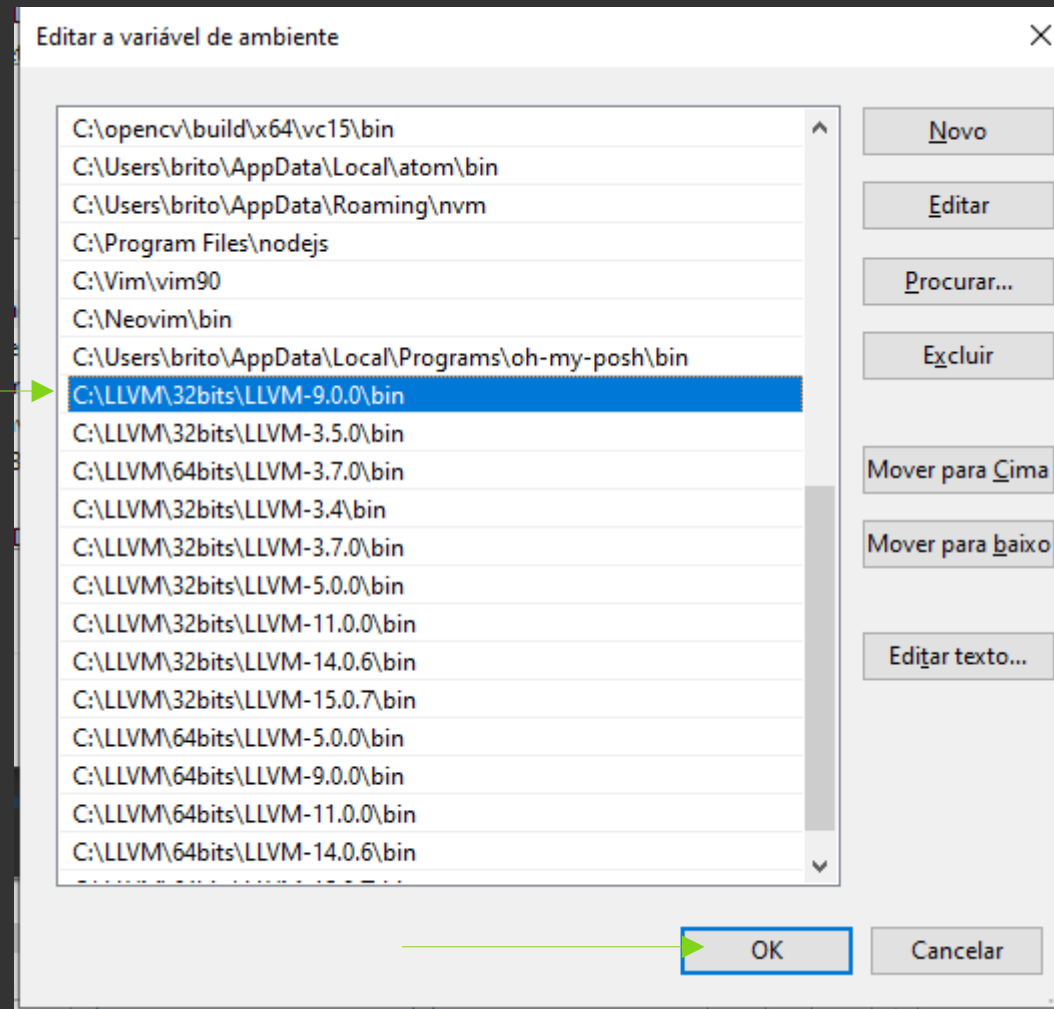
Quando pedimos a versão aparece só a primeira, pois a ordem de busca é de cima pra baixo
Sendo assim se você olhar vai ver que a primeira variavel é a 3.5.0

Mas podemos mudar isso colocando a versão que queremos acima de todas as outras

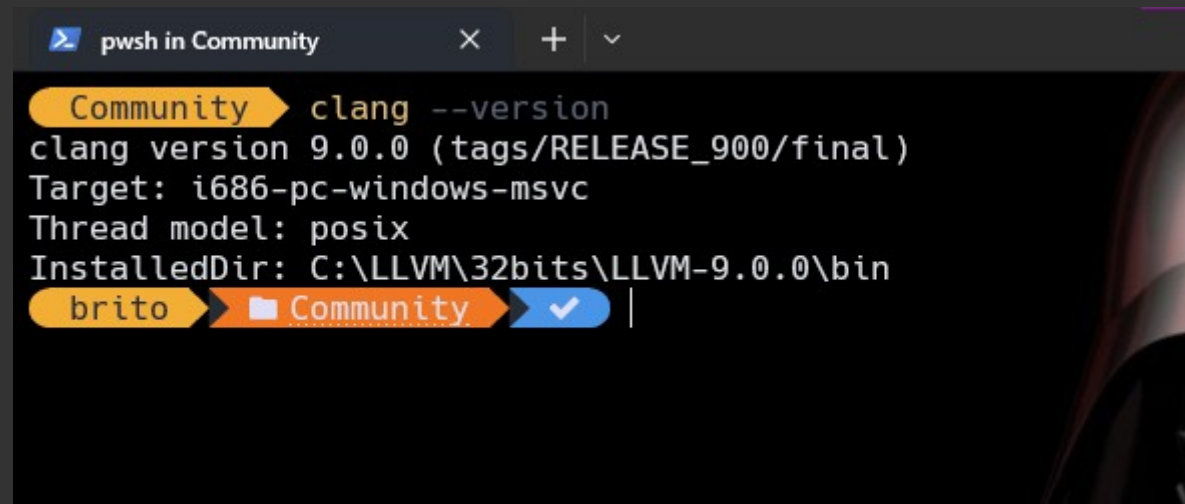


Movendo essa versão para cima de todas as outras

Confirme tudo e vai no terminal testar

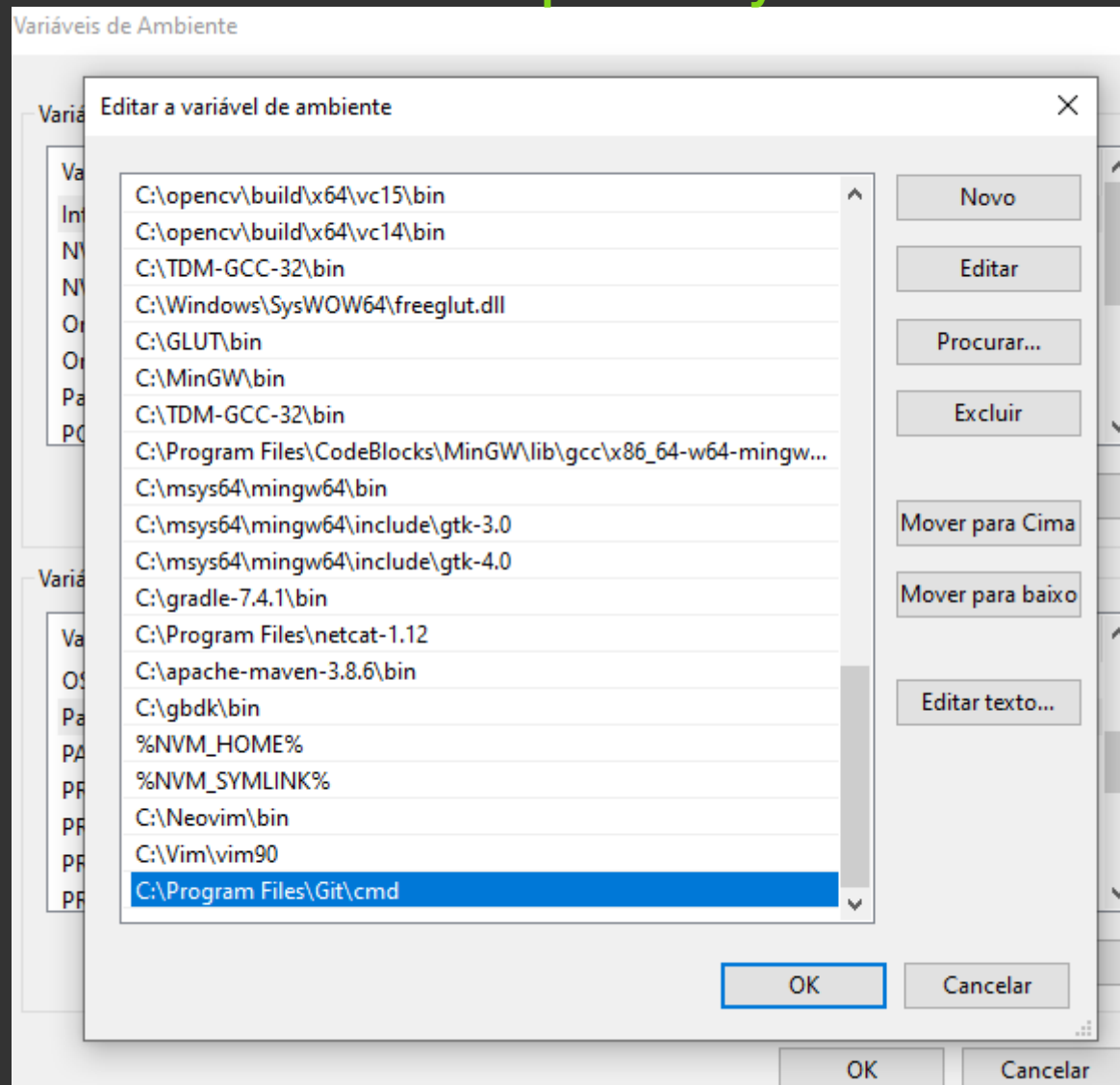


E necessario fechar e abrir o terminal novamente para confirmar as alterações

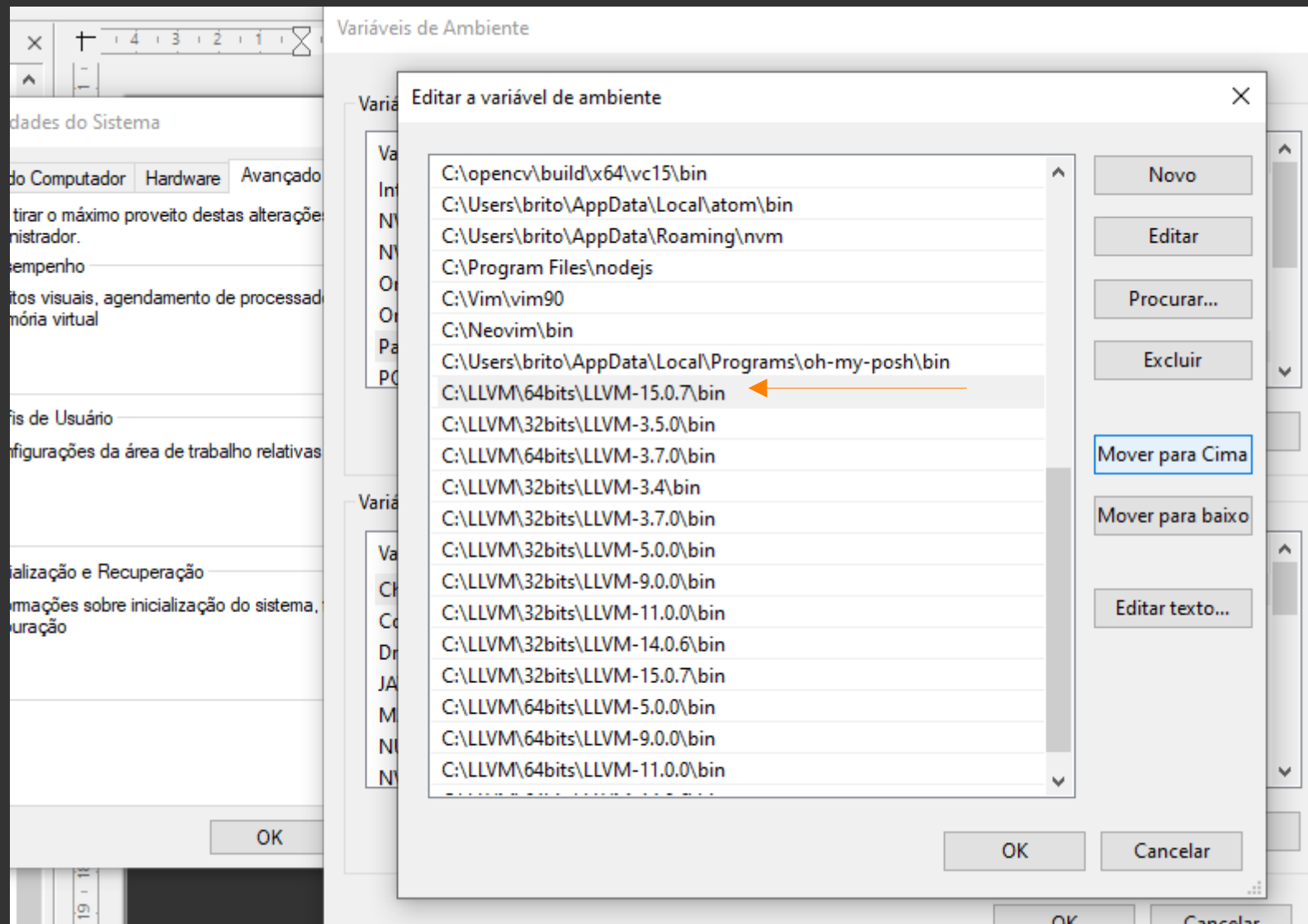


```
pwsh in Community
Community clang --version
clang version 9.0.0 (tags/RELEASE_900/final)
Target: i686-pc-windows-msvc
Thread model: posix
InstalledDir: C:\LLVM\32bits\LLVM-9.0.0\bin
brito Community ✓ |
```

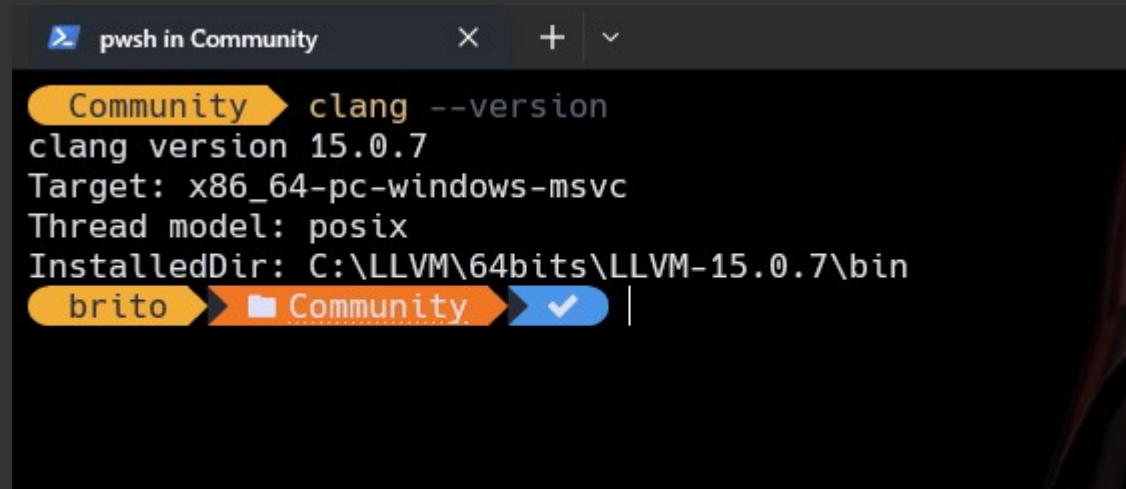
Nas variaveis do systema elas não estão
Se apresentar algum erro mais tarde tentar primeiro
inseririlas aqui no systema



Deixei assim mas podemos
Mudar a qualquer momento



Outra dica importante é ter varias versões do Mingw instaladas



```
pwsh in Community X + v
Community clang --version
clang version 15.0.7
Target: x86_64-pc-windows-msvc
Thread model: posix
InstalledDir: C:\LLVM\64bits\LLVM-15.0.7\bin
brito Community ✓
```

brito

📁 llvm

✓

in pwsh at 15:40:48

llvm

ls

Diretório: C:\llvm

Mode	LastWriteTime		Length	Name
----	-----		-----	----
d-----	15/02/2023	14:39		32bits
d-----	15/02/2023	15:16		32_64bits
d-----	15/02/2023	14:59		64bits
-a----	15/02/2023	13:52	163221740	LLVM-11.0.0-win32.exe
-a----	15/02/2023	13:53	180786207	LLVM-11.0.0-win64.exe
-a----	15/02/2023	13:48	270653942	LLVM-14.0.6-win32.exe
-a----	15/02/2023	13:48	276124398	LLVM-14.0.6-win64.exe
-a----	15/02/2023	13:40	285340840	LLVM-15.0.7-win32.exe
-a----	15/02/2023	13:42	290857976	LLVM-15.0.7-win64.exe
-a----	15/02/2023	13:57	23304447	LLVM-3.4-win32.exe
-a----	15/02/2023	13:59	33135174	LLVM-3.5.0-win32.exe
-a----	15/02/2023	13:58	40008084	LLVM-3.7.0-win32.exe
-a----	15/02/2023	13:58	51922282	LLVM-3.7.0-win64.exe
-a----	15/02/2023	13:55	94081624	LLVM-5.0.0-win32.exe
-a----	15/02/2023	13:55	94158609	LLVM-5.0.0-win64.exe
-a----	15/02/2023	13:54	145281242	LLVM-9.0.0-win32.exe
-a----	15/02/2023	13:54	157915277	LLVM-9.0.0-win64.exe

brito

📁 llvm

✓

in pwsh at 15:42:07

FAZENDO UM EXEMPLO

```
-a---- 24/08/2022 17:06 15399705 UM03001_emWin5.pdf
-a---- 01/09/2022 23:21 253 v8.txt
```

F:\ mkdir TESTE-CLANG

Diretório: F:\

Mode	LastWriteTime	Length	Name
----	-----	-----	----
d----	15/02/2023 15:54		TESTE-CLANG

```
F:\ cd teste-clang
teste-clang vim teste.c
teste-clang ls
```

Diretório: F:\teste-clang

Mode	LastWriteTime	Length	Name
----	-----	-----	----
-a----	15/02/2023 15:56	115	c teste.c

```
teste-clang clang --version
clang version 15.0.7
Target: x86_64-pc-windows-msvc
Thread model: posix
InstalledDir: C:\LLVM\64bits\LLVM-15.0.7\bin
teste-clang clang -o teste.exe teste.c
```


Diretório: F:\teste-clang

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
-a----	15/02/2023 15:56	115	c teste.c

teste-clang clang --version

clang version 15.0.7

Target: x86_64-pc-windows-msvc

Thread model: posix

InstalledDir: C:\LLVM\64bits\LLVM-15.0.7\bin

teste-clang clang -o teste.exe teste.c

teste.c:2:5: error: cannot combine with previous 'int' declaration specifier

int int main(int argc, char *argv[])

^

1 error generated.

teste-clang vim teste.c



36°C Pred ens... ^ □ 4x 16:00

"teste.c" 6L, 115B

Diretório: F:\

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
d-----	15/02/2023 15:54		TESTE-CLANG

```
F:\> cd teste-clang
teste-clang> vim teste.c
teste-clang> ls
```

Diretório: F:\teste-clang

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
-a----	15/02/2023 15:56	115	c teste.c

```
teste-clang> clang --version
```

clang version 15.0.7

Target: x86_64-pc-windows-msvc

Thread model: posix

InstalledDir: C:\LLVM\64bits\LLVM-15.0.7\bin

```
teste-clang> clang -o teste.exe teste.c
```

teste.c:2:5: error: cannot combine with previous 'int' declaration specifier
int int main(int argc, char *argv[])
 ^

1 error generated.

```
teste-clang> vim teste.c
```

teste-clang clang --version

clang version 15.0.7

Target: x86_64-pc-windows-msvc

Thread model: posix

InstalledDir: C:\LLVM\64bits\LLVM-15.0.7\bin

teste-clang clang -o teste.exe teste.c

teste.c:2:5: error: cannot combine with previous 'int' declaration specifier

int int main(int argc, char *argv[])

^

1 error generated.

teste-clang vim teste.c

teste-clang clang -o teste.exe teste.c

teste-clang ls

Diretório: F:\teste-clang

Mode	LastWriteTime	Length	Name
----	-----	-----	----
-a----	15/02/2023 15:58	111	c teste.c
-a----	15/02/2023 15:58	123904	□ teste.exe

teste-clang teste.exe

teste.exe : 0 termo 'teste.exe' não é reconhecido como nome de cmdlet, função, arquivo de script ou programa operável. Verifique a grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho está correto e tente novamente.

No linha:1 caractere:1

+ teste.exe

+ ~~~~~

+ CategoryInfo : ObjectNotFound: (teste.exe:String) [], CommandNotFoundException

+ FullyQualifiedErrorId : CommandNotFoundException


```
teste.c:2:5: error: cannot combine with previous 'int' declaration specifier
int int main(int argc, char *argv[])
  ^
```

1 error generated.

```
teste-clang vim teste.c
teste-clang clang -o teste.exe teste.c
teste-clang ls
```

Diretório: F:\teste-clang

Mode	LastWriteTime	Length	Name
----	-----	-----	----
-a----	15/02/2023 15:58	111	c teste.c
-a----	15/02/2023 15:58	123904	□ teste.exe

```
teste-clang teste.exe
teste.exe : 0 termo 'teste.exe' não é reconhecido como nome de cmdlet, função, arquivo de script ou programa operável. Verifique a
grafia do nome ou, se um caminho tiver sido incluído, veja se o caminho está correto e tente novamente.
```

No linha:1 caractere:1

+ teste.exe

+ ~~~~~

```
+ CategoryInfo          : ObjectNotFound: (teste.exe:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException
```

Suggestion [3,General]: 0 comando teste.exe não foi encontrado, mas existe no local atual. Por padrão, o Windows PowerShell não carrega comandos do local atual. Se você confia nesse comando, digite: ".\teste.exe". Consulte "get-help about_Command_Precedence" para obter mais detalhes.

```
teste-clang ./teste.exe
```

OLA MUNDAO DE DEUS

```
brito teste-clang
```

in pwsh at 15:58:56

ESSE É O ARQUIVO NO VIM

