

Instalação do Cygwin

Vá até a homepage do cygwin <http://www.cygwin.com>

Um click

Cygwin

Install Cygwin

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Cygwin/X

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https://www.cygwin.com

Cygwin

Get that [Linux](#) feeling - on Windows

This is the home of the Cygwin project

What...

...is it?

Cygwin is:

- a large collection of GNU and Open Source tools which provide functionality similar to a [Linux distribution](#) on Windows.
- a DLL (cygwin1.dll) which provides substantial POSIX API functionality.

...isn't it?

Cygwin is not:

- a way to run native Linux apps on Windows. You must rebuild your application *from source* if you want it to run on Windows.
- a way to magically make native Windows apps aware of UNIX® functionality like signals, pts, etc. Again, you need to build your apps *from source* if you want to take advantage of Cygwin functionality.

The Cygwin DLL currently works with all recent, commercially released x86 32 bit and 64 bit versions of Windows, starting with Windows XP SP3.

For more information see the [FAQ](#).

Current Cygwin DLL version

The most recent version of the Cygwin DLL is [1.7.32](#). Install it by running [setup-x86.exe](#) (32-bit installation) or [setup-x86_64.exe](#) (64-bit installation).

PT PT 09:28
02/09/2014

Na dúvida use o 32 bits

Um
Click
Se 32bit

Um
Click
Se 64bit

Cygwin Installation cygwin.com/install.html

Cygwin

Get that *Linux* feeling - on Windows

Installing and Updating Cygwin Packages

Installing and Updating Cygwin for 32-bit versions of Windows

Run [setup-x86.exe](#) any time you want to update or install a Cygwin package for 32-bit windows. The [signature](#) for [setup-x86.exe](#) can be used to verify the validity of this binary using [this](#) public key.

Installing and Updating Cygwin for 64-bit versions of Windows

Run [setup-x86_64.exe](#) any time you want to update or install a Cygwin package for 64-bit windows. The [signature](#) for [setup-x86_64.exe](#) can be used to verify the validity of this binary using [this](#) public key.

General installation notes

When installing packages for the first time, `setup*.exe` does not install every package. Only the **minimal base packages** from the Cygwin distribution are installed by default. Clicking on categories and packages in the `setup*.exe` package installation screen will provide you with the ability to control what is installed or updated. Clicking on the "Default" field next to the "All" category will provide you with the opportunity to install every Cygwin package. Be advised that this will download and install hundreds of megabytes to your computer. The best plan is probably to click on individual categories and install either entire categories or packages from the categories themselves.

The latest catalogues of the Cygwin DLLs are numbered 7.x where "x" is currently "7" (e.g. 1.7.5). The 7.x version numbering refers only to the

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Dois
Click
No setup-x86.exe



Cygwin Installation x

https://cygwin.com/install.html

Cygwin

- Install Cygwin
- Update Cygwin
- Search Packages
- Licensing Terms

Cygwin/X

Community

- Reporting Problems
- Mailing Lists
- Newsgroups
- Gold Stars
- Mirror Sites
- Donations

Documentation

- FAQ
- User's Guide
- API Reference
- Acronyms

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Cygwin

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General installation notes

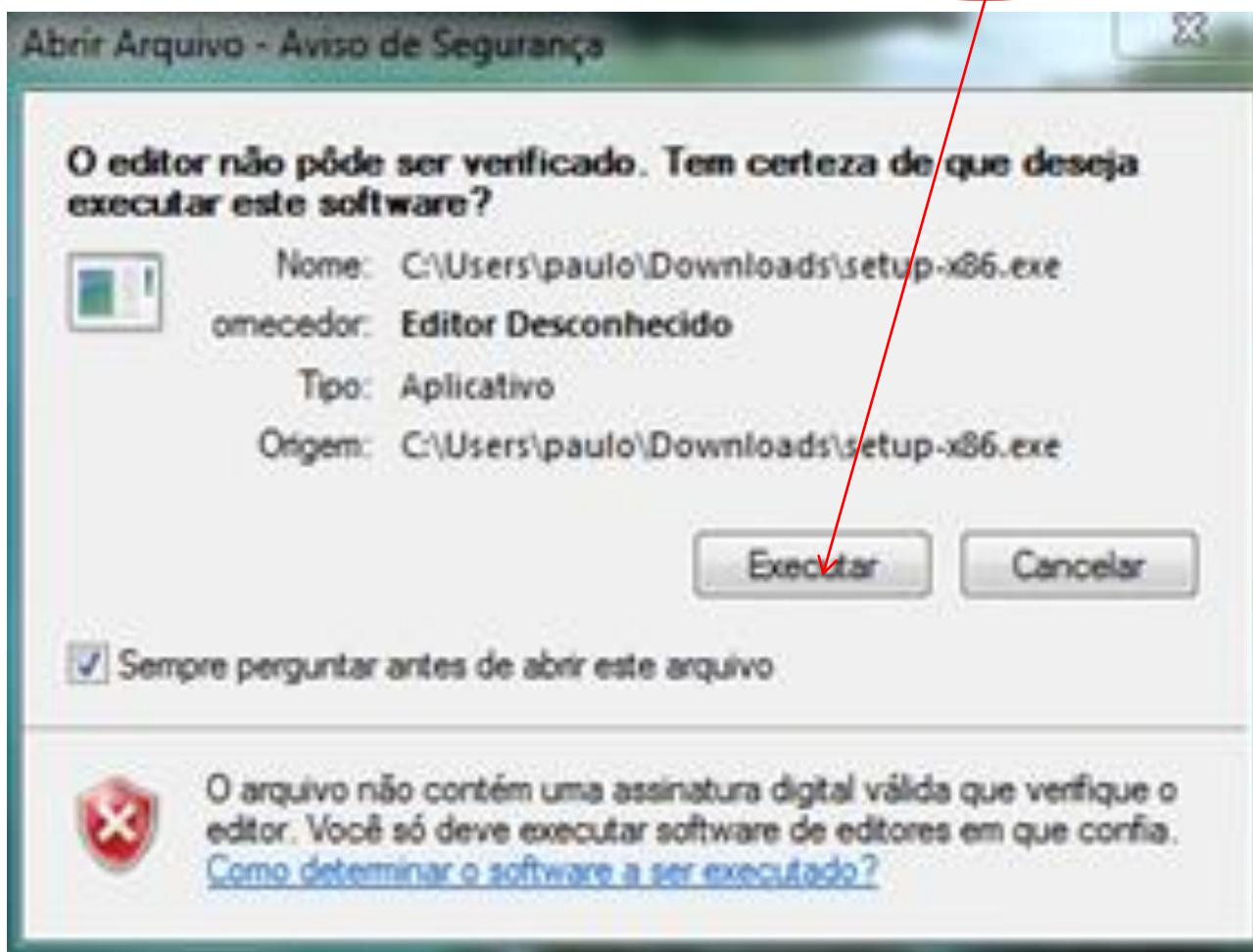
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setup-x86.exe

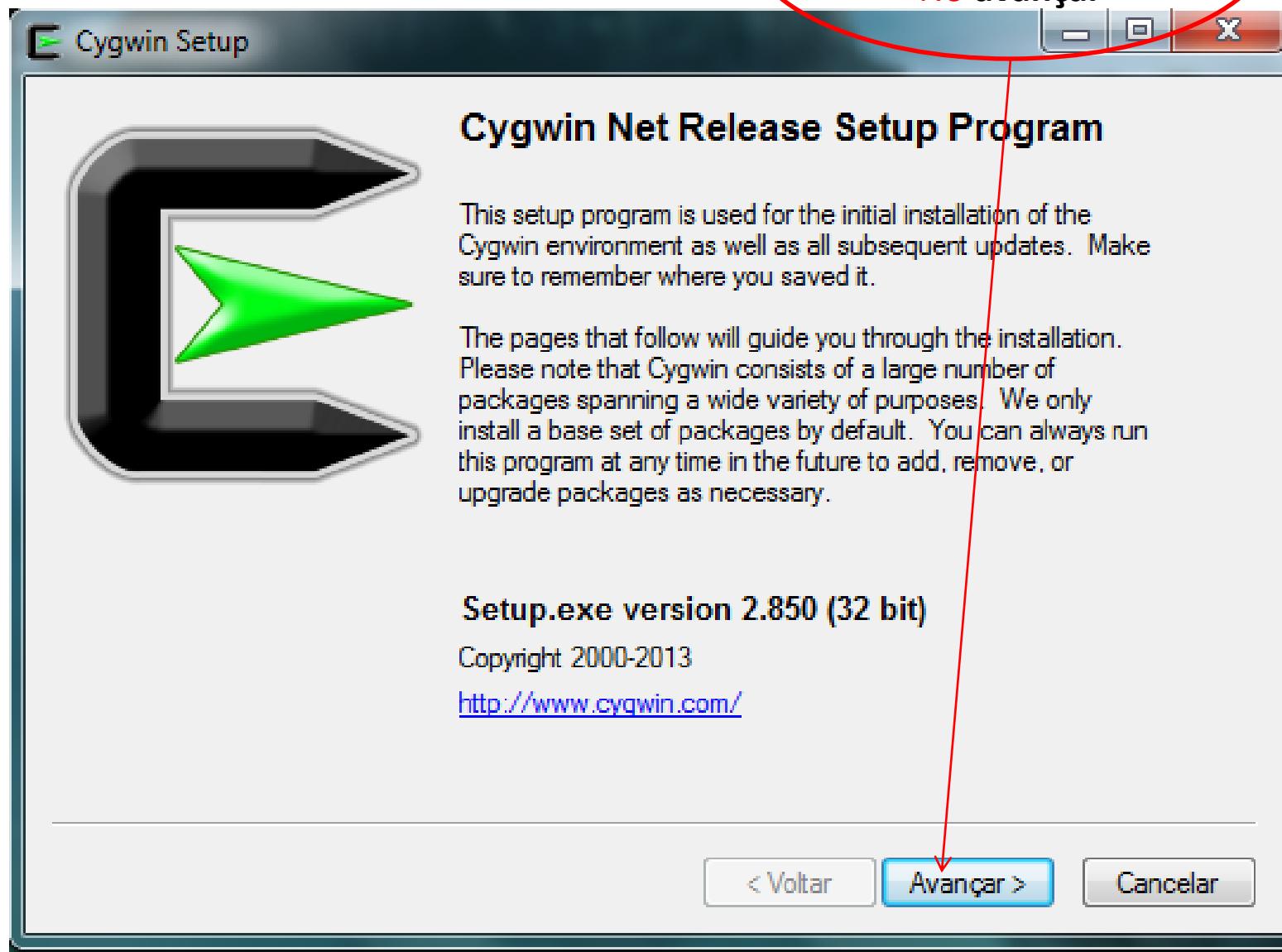
Mostrar todos os downloads... 09:31 02/09/2014

PT

Um
Click
No executar

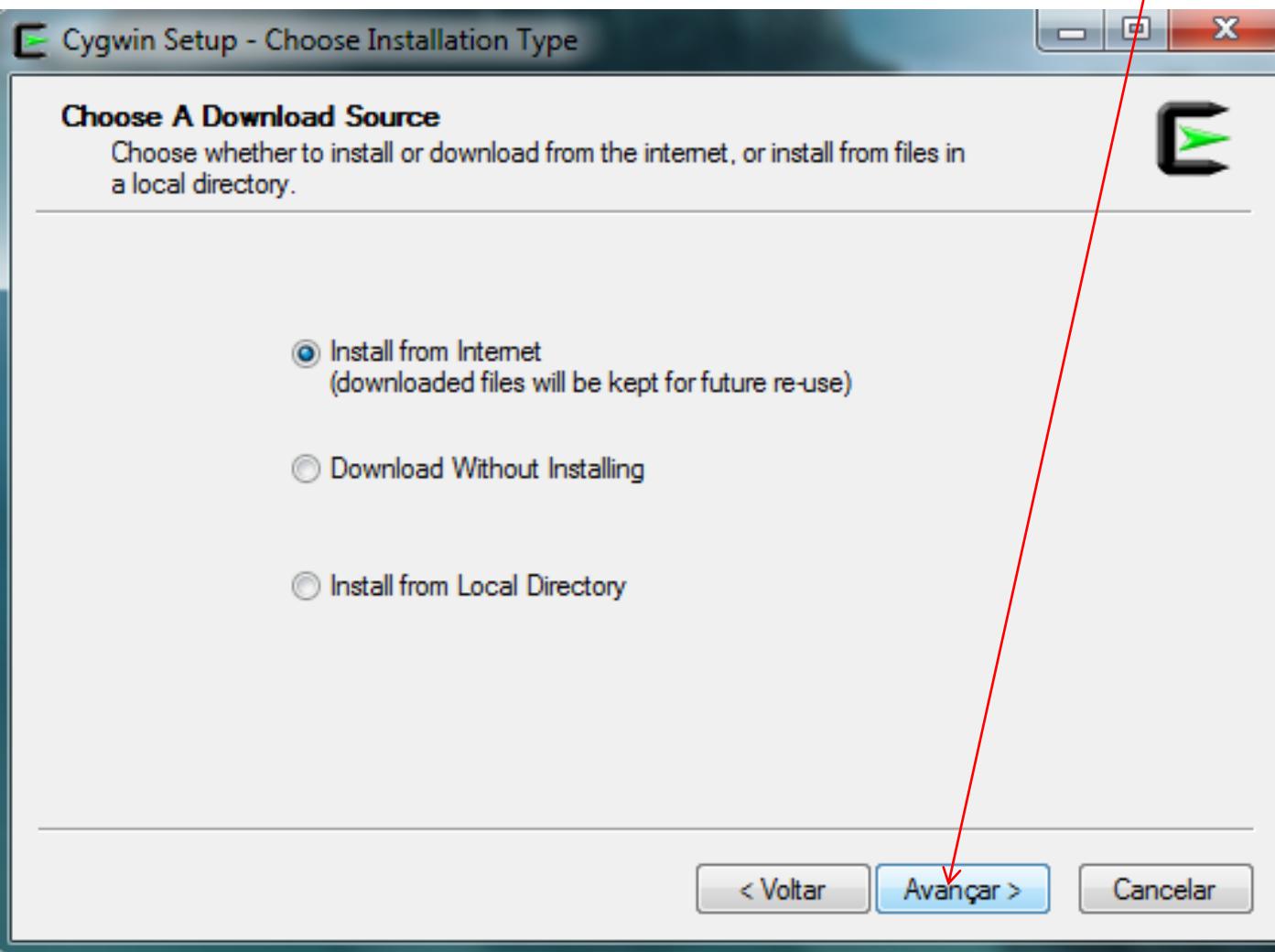


Um
Click
No avançar



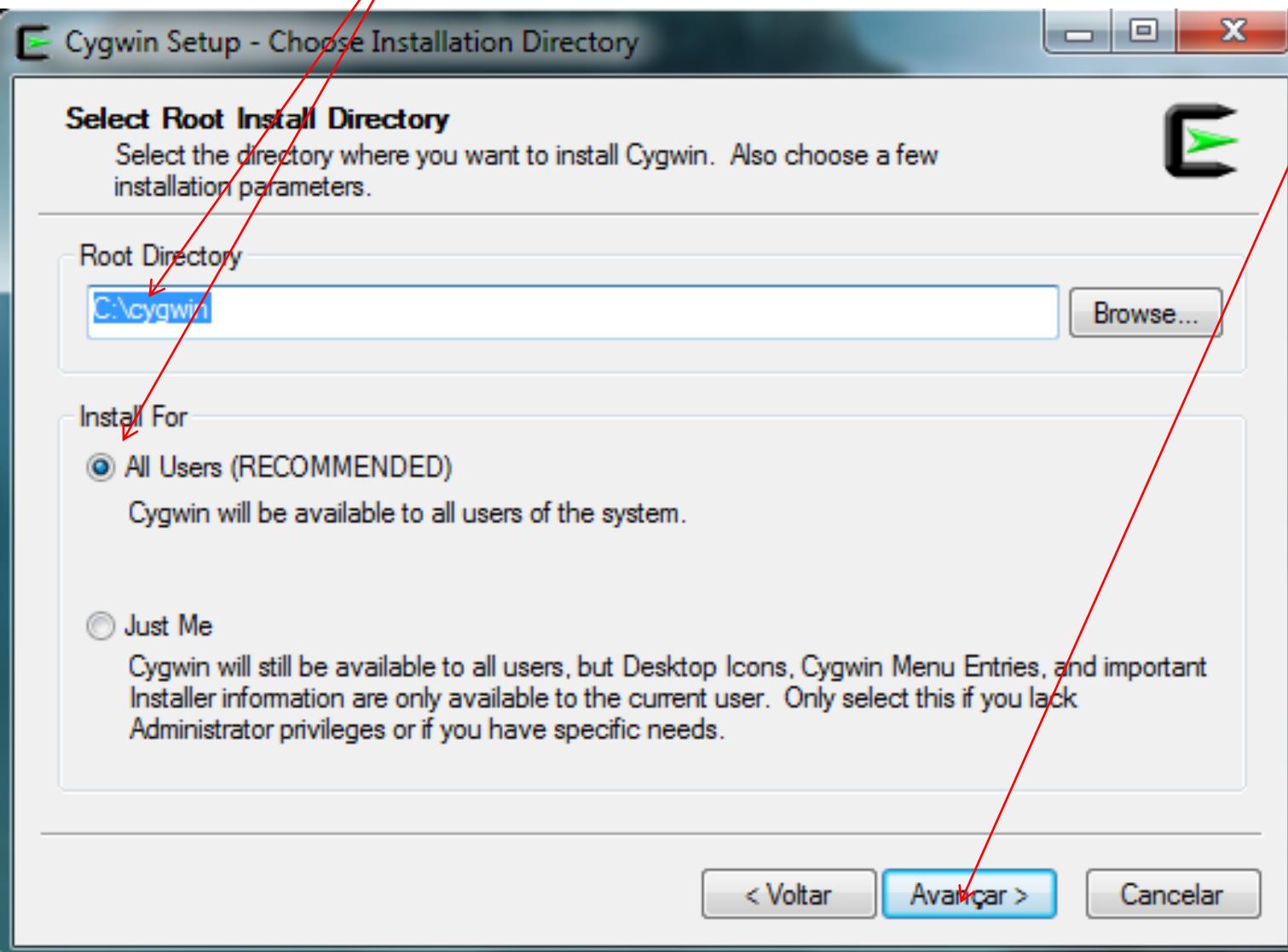
Instala da rede
Baixa os arquivos da internet

Um
Click
No avançar



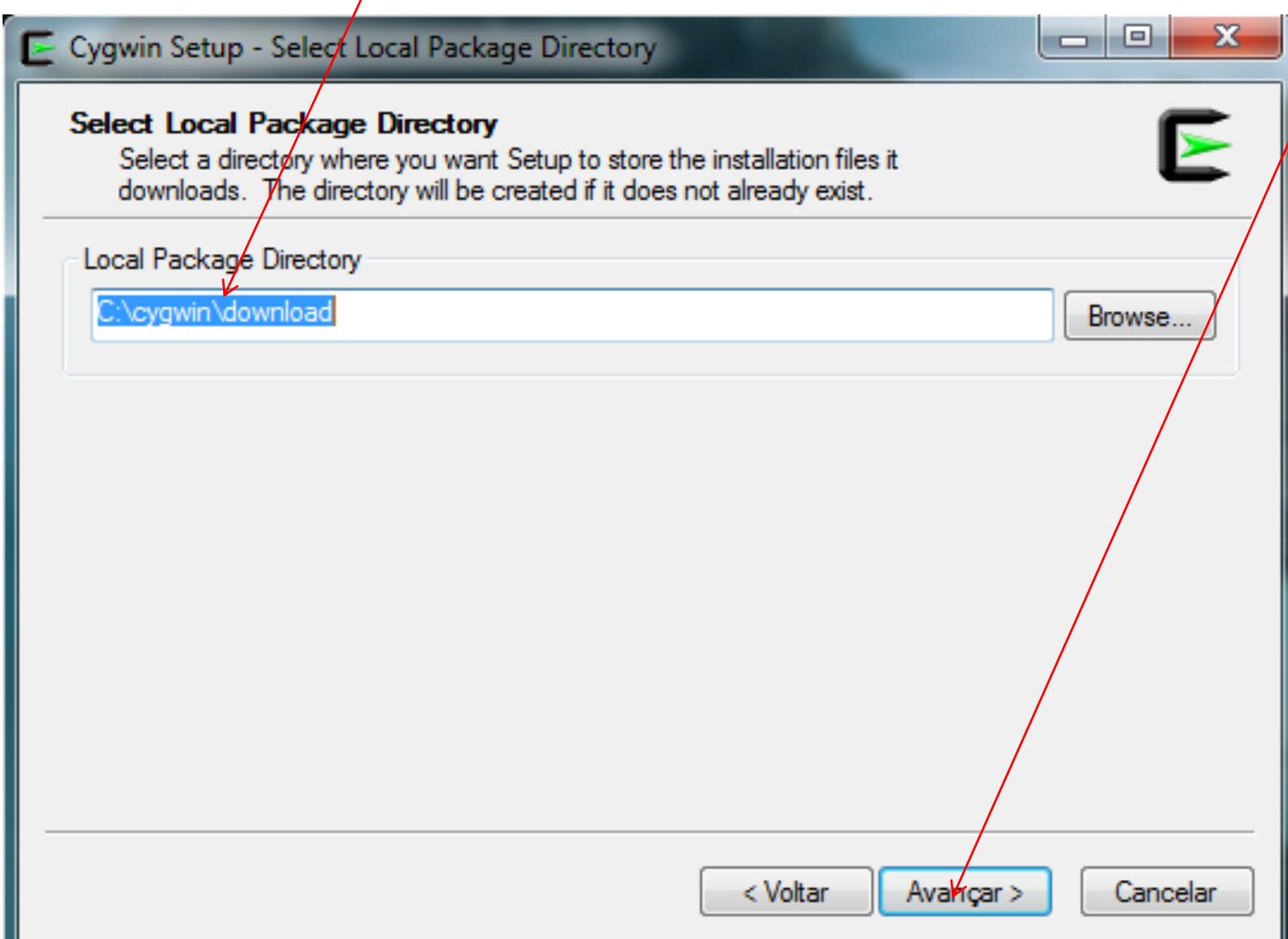
Configuração Pré definida

Um Click No avançar



Local de
Armazenamento
Do arquivo de
instalação

Um
Click
No avançar

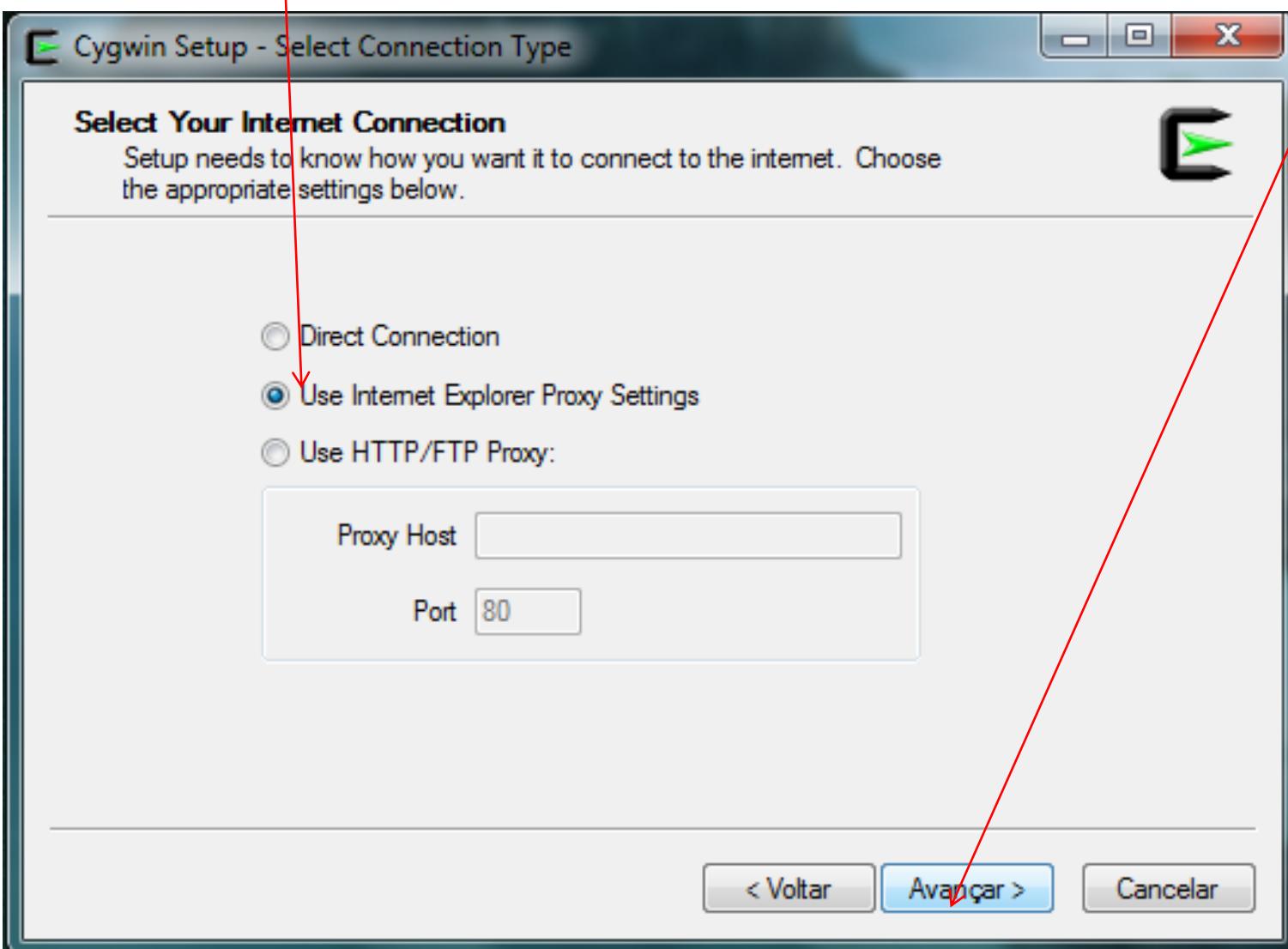


Configuração Pré definida

Localiza o endereço mais próximo para download

Um Click

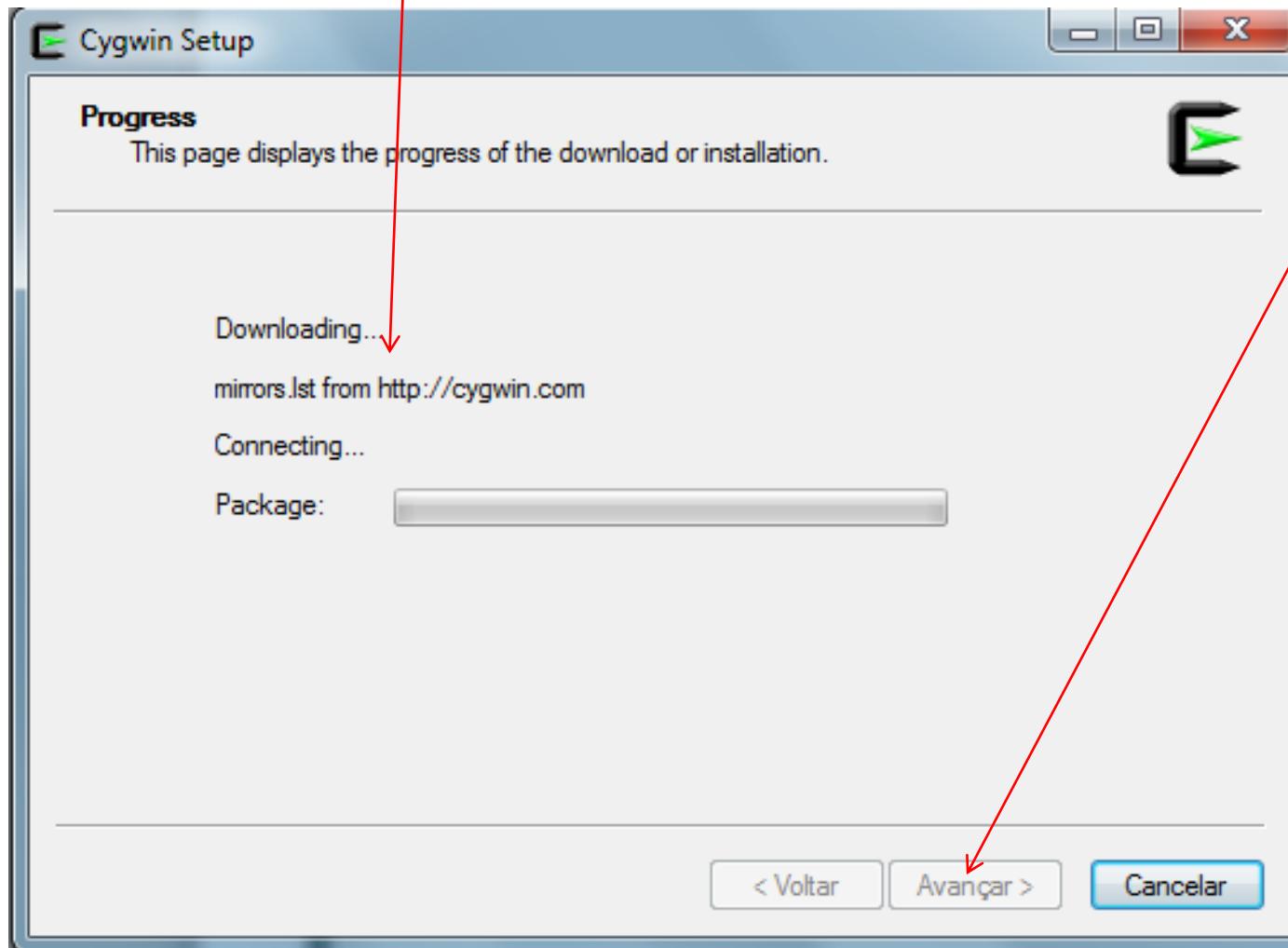
No avançar



Procurando o endereço mais
próximo da rede
Baixa os arquivos da internet

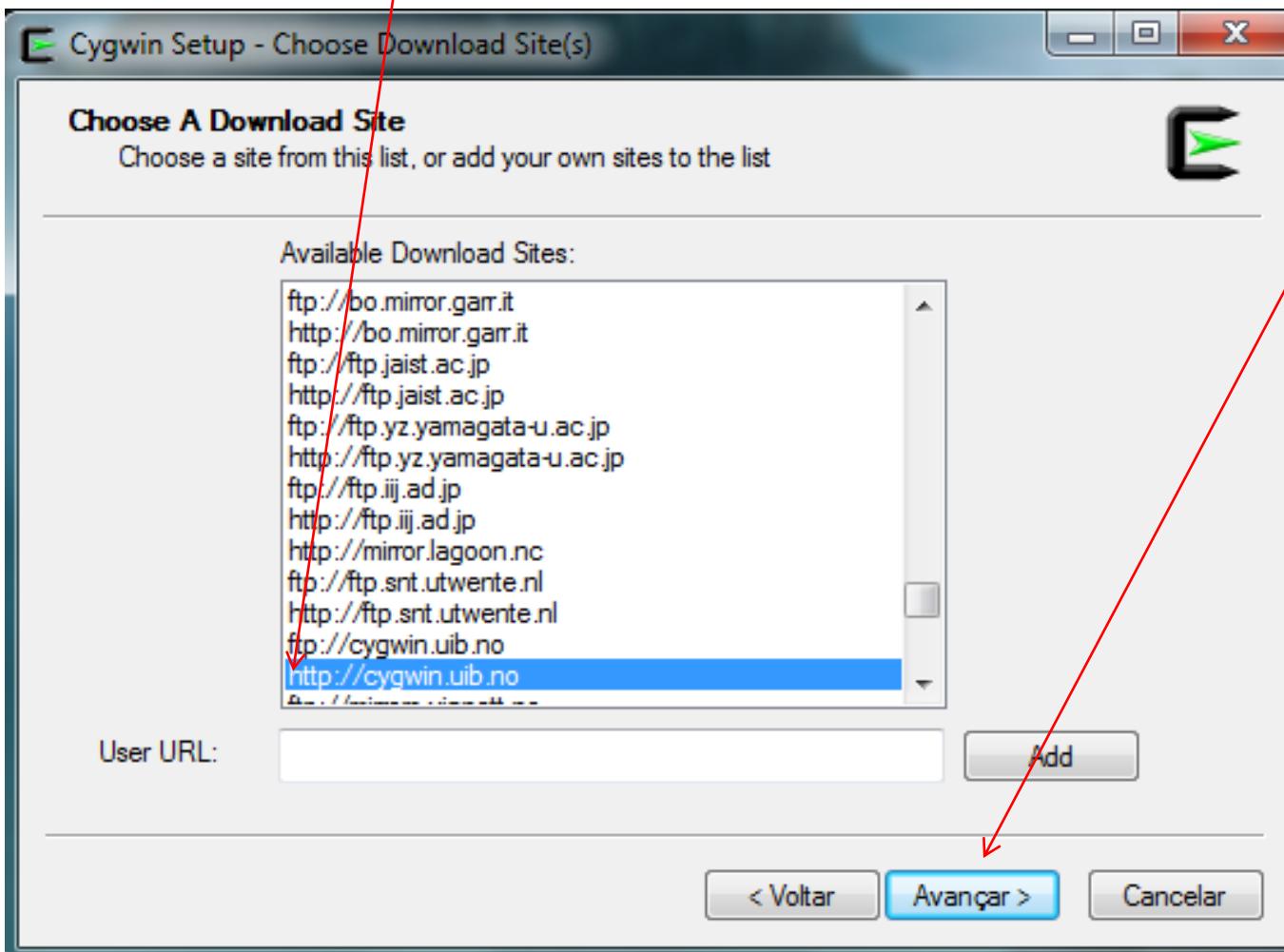
Um
Click

No avançar após a
procura



Localizou os endereços mais próximo da rede
Baixa os arquivos da internet

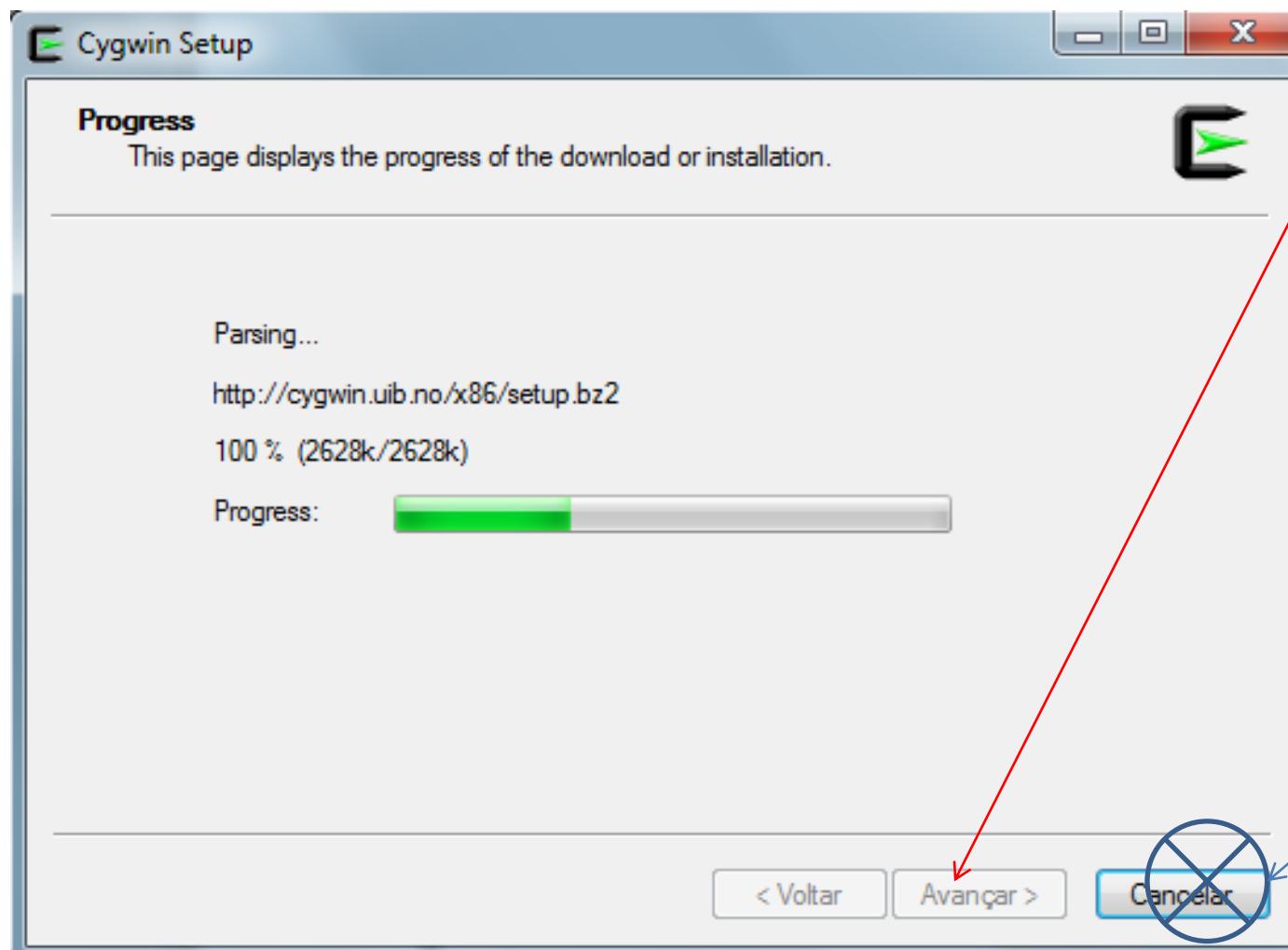
Um Click No avançar



Baixando o arquivo de configuração

Um Click

No avançar após baixar o setup.br2

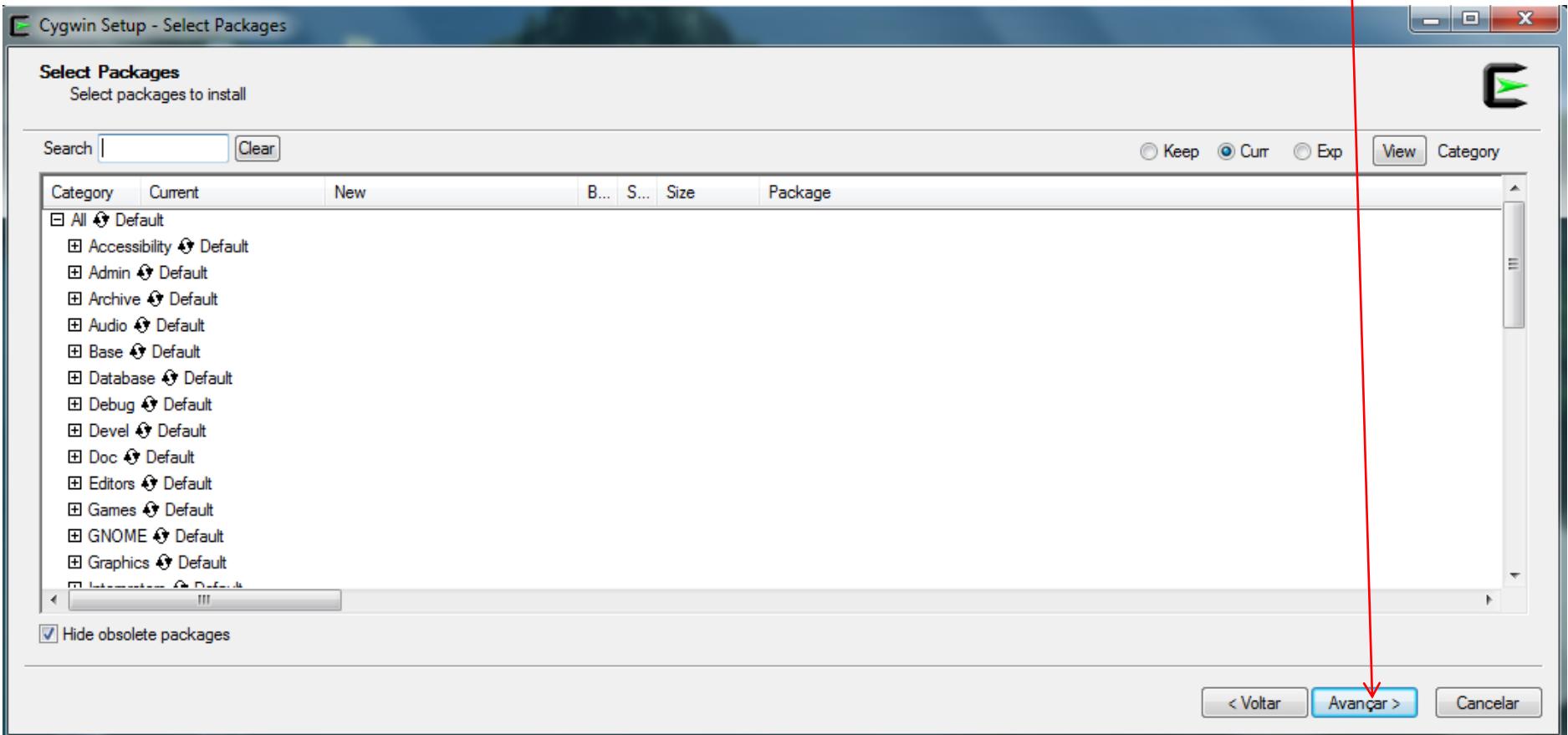


A primeira vez instale tudo default

Um

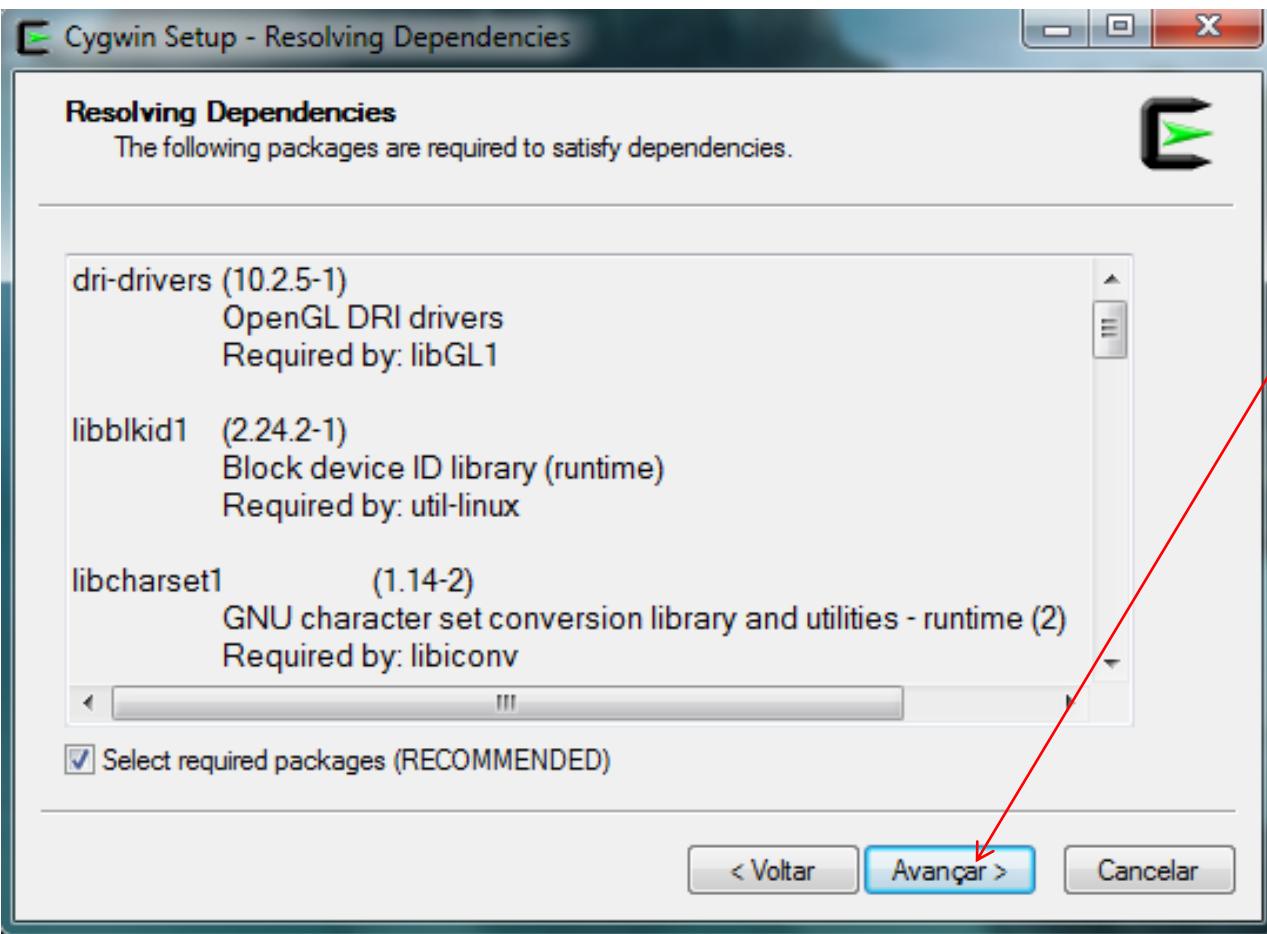
Click

No avançar

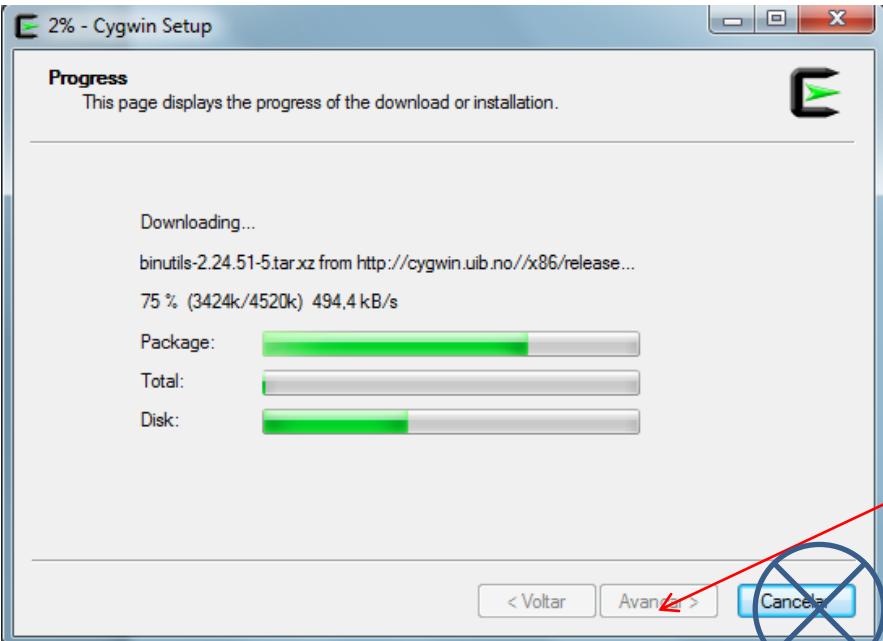


Checando a dependências

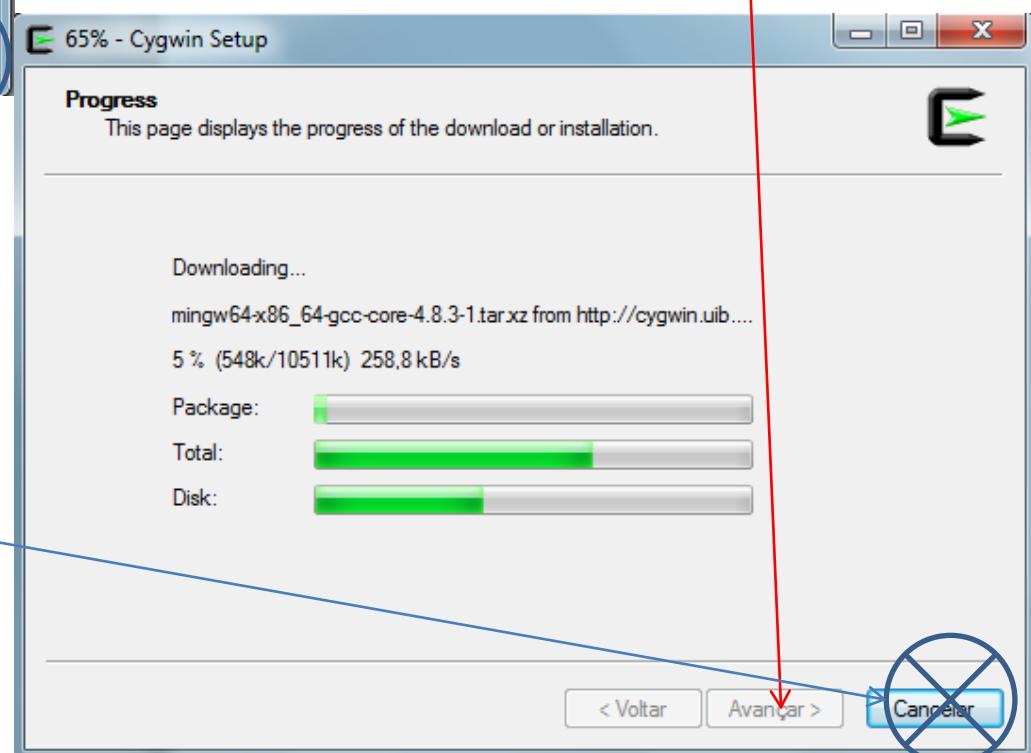
Um
Click
No avançar



Download dos arquivos

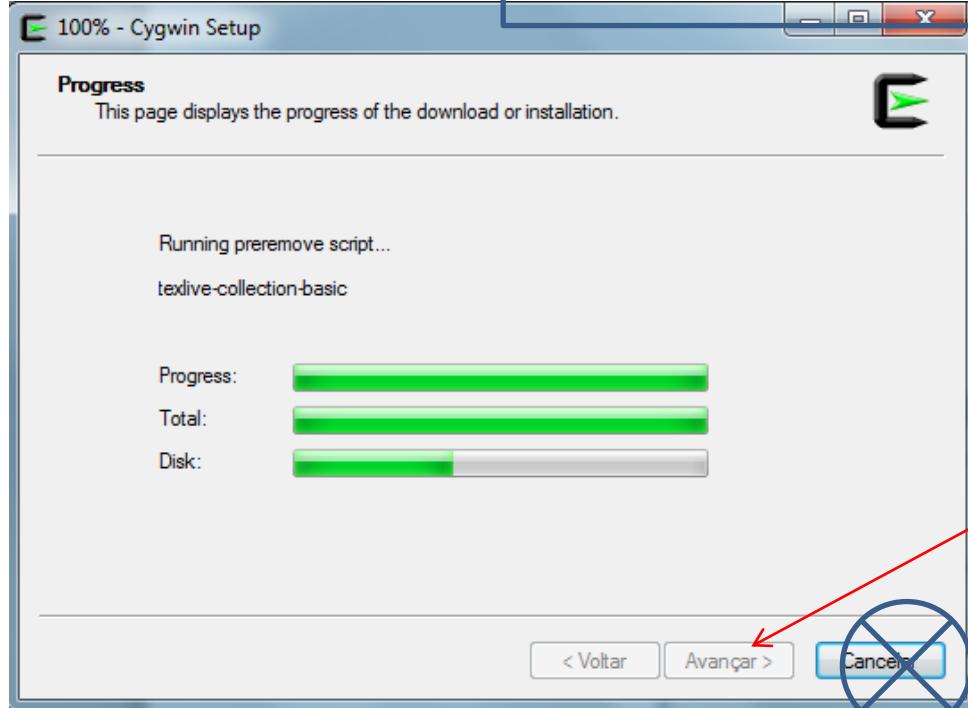


Um Click
No avançar após
terminar o
download

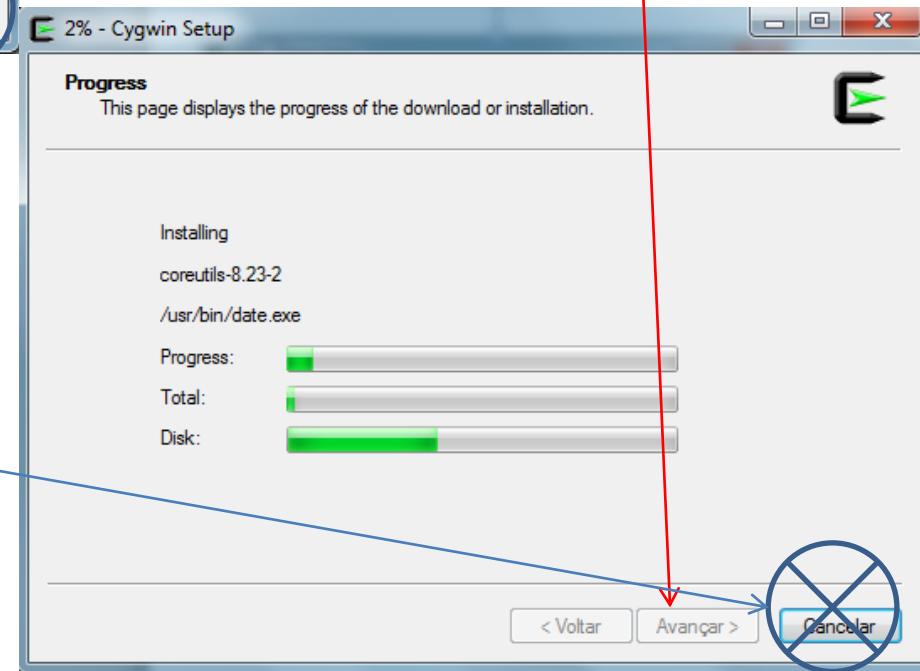


Não cancelar

Instalando os arquivos



Um Click
No avançar após
terminar a
instalação

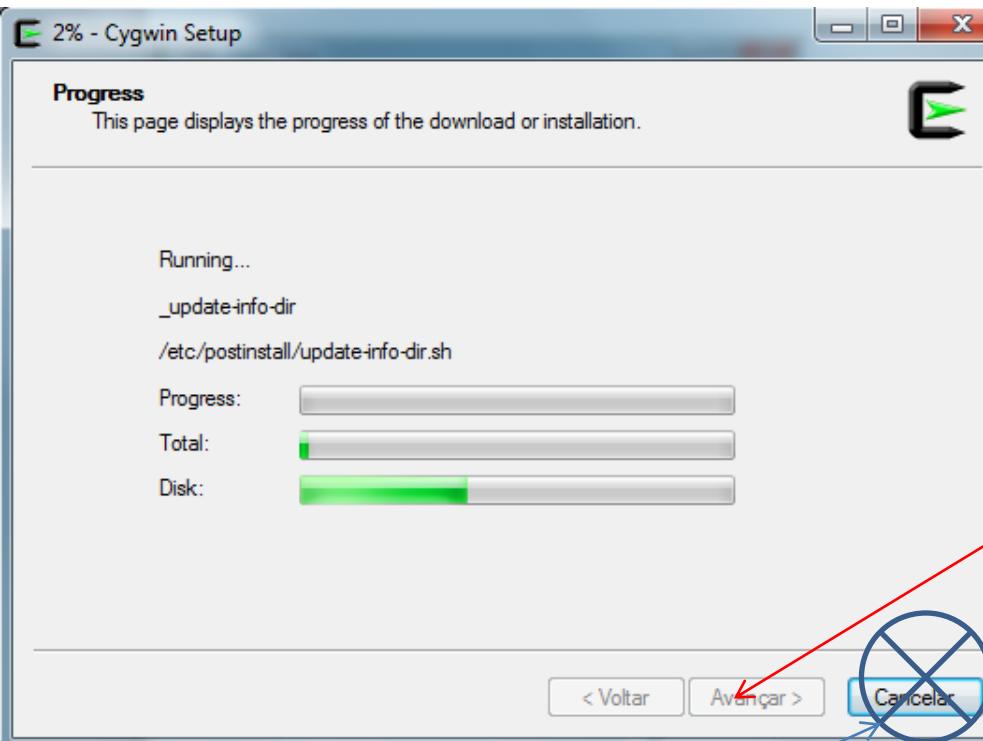


Não cancelar

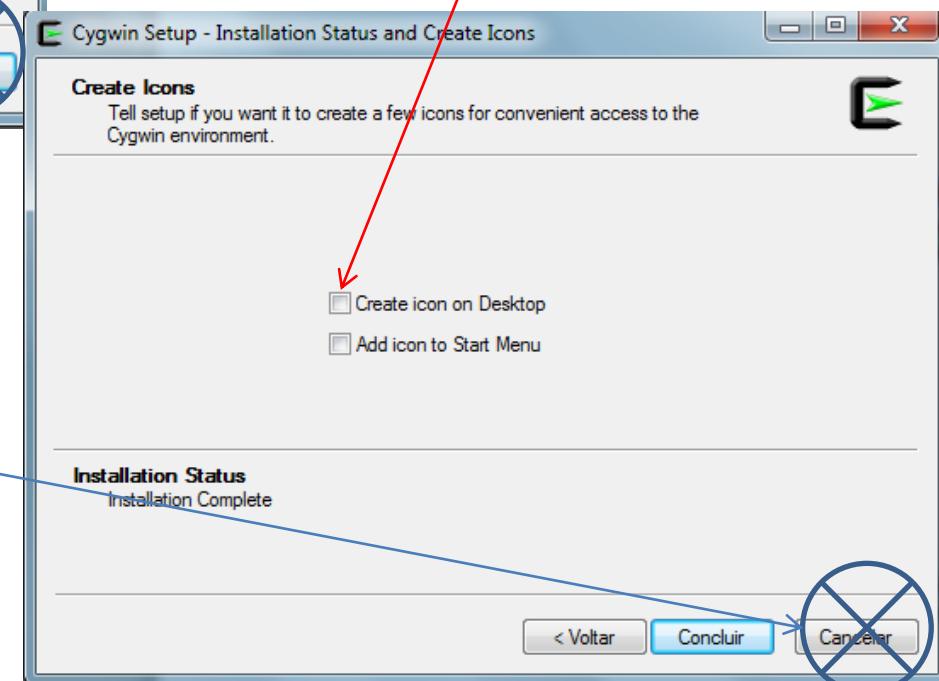
Checando a instalação dos arquivos

Um
Click

No avançar após
terminar a
chegagem

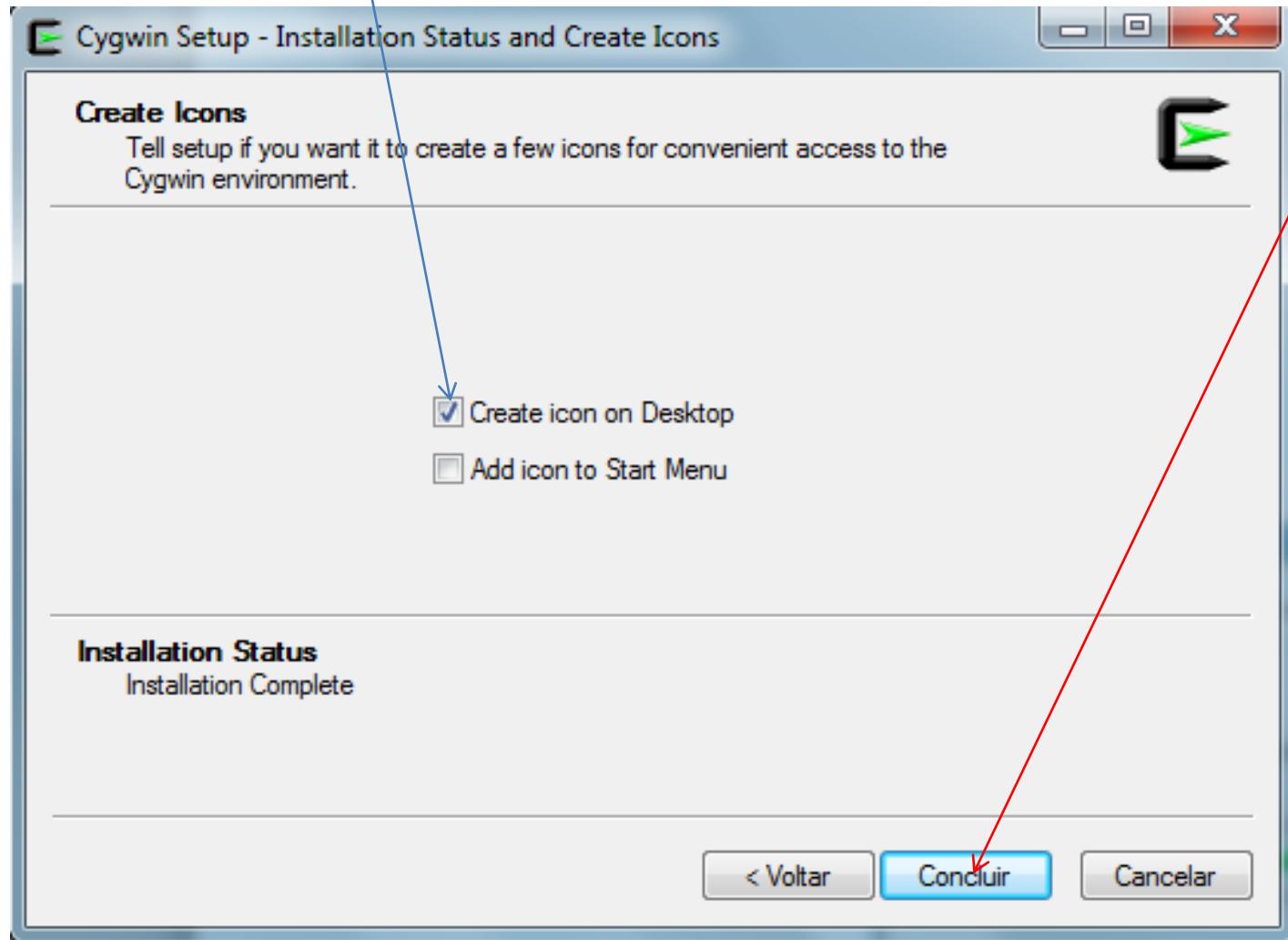


Não cancelar



Finalizando a instalação dos arquivos

Ative a opção de
criar um ícone no
desktop



Um
Click

No avançar após
terminar a
instalação

**Fim da Instalação do
CYGWIN**

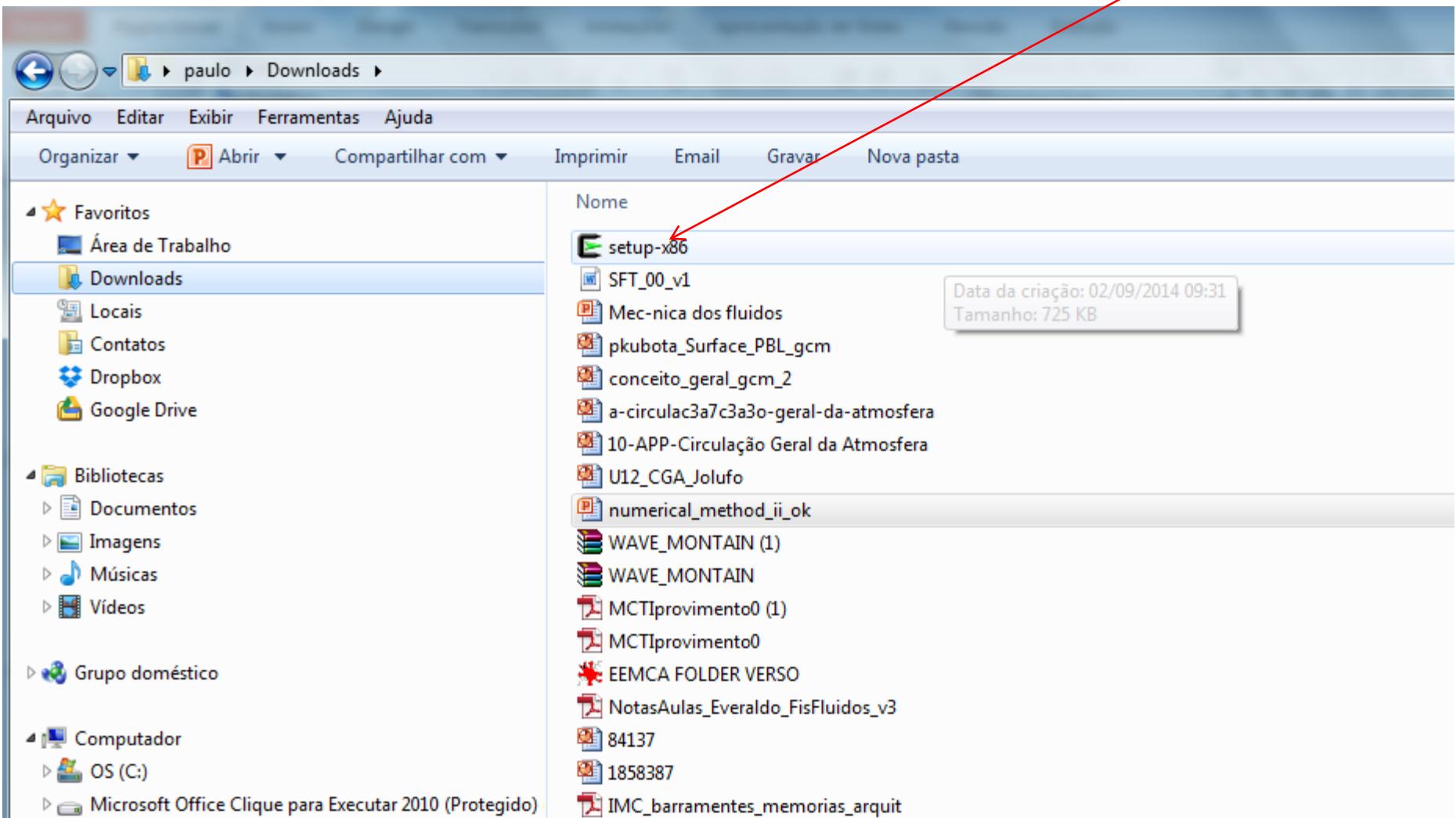
Instalando Mais Pacotes



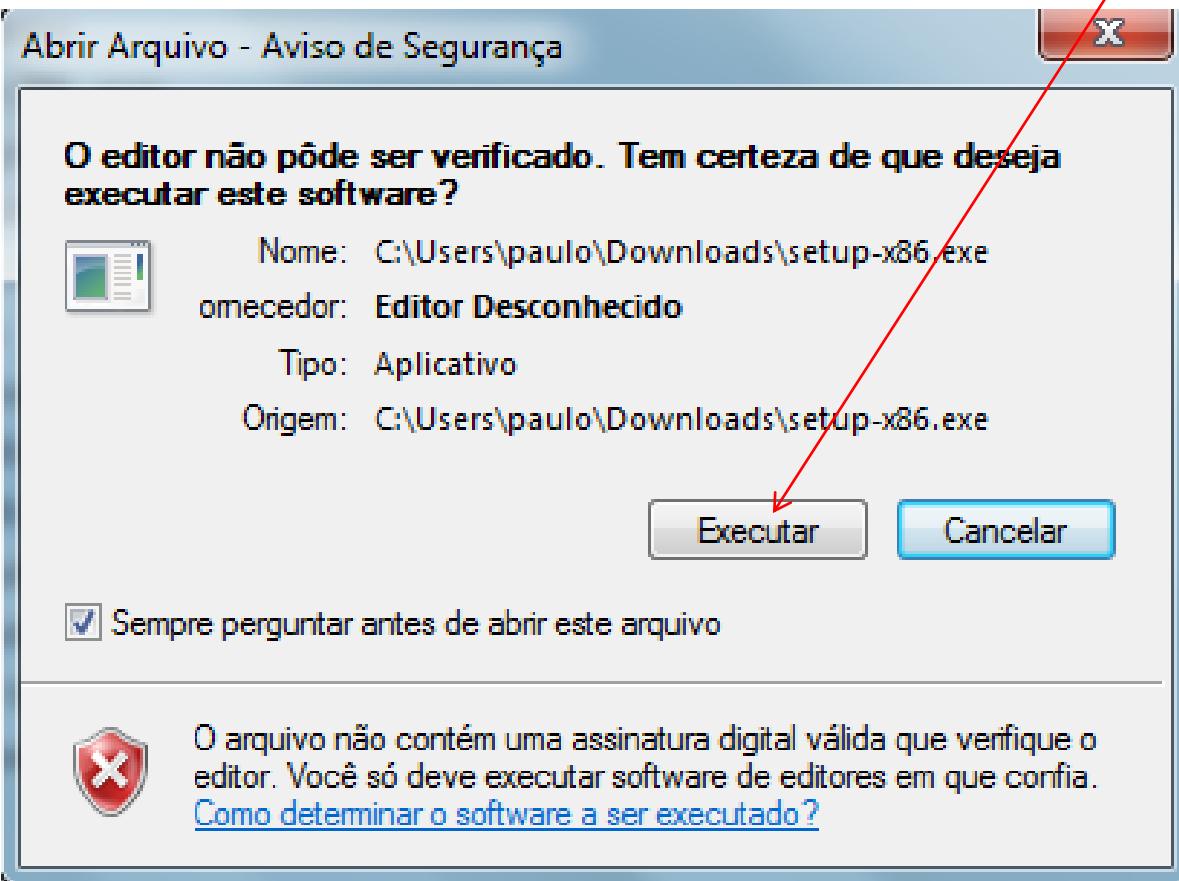
**Para usar o Fortran é
necessário instalar o
gcc**

**Pegue o Setup -x86
que você baixou da
homepage do cygwin e
execute novamente**

Dois
Click



Um
Click
No executar



Cygwin Net Release Setup Program



This setup program is used for the initial installation of the Cygwin environment as well as all subsequent updates. Make sure to remember where you saved it.

The pages that follow will guide you through the installation. Please note that Cygwin consists of a large number of packages spanning a wide variety of purposes. We only install a base set of packages by default. You can always run this program at any time in the future to add, remove, or upgrade packages as necessary.

Setup.exe version 2.850 (32 bit)

Copyright 2000-2013

<http://www.cygwin.com/>

< Voltar

Avançar >

Cancelar

Um

Click

No executar

Um
Click
No executar

Cygwin Setup - Choose Installation Type

Choose A Download Source

Choose whether to install or download from the internet, or install from files in a local directory.

Install from Internet
(downloaded files will be kept for future re-use)

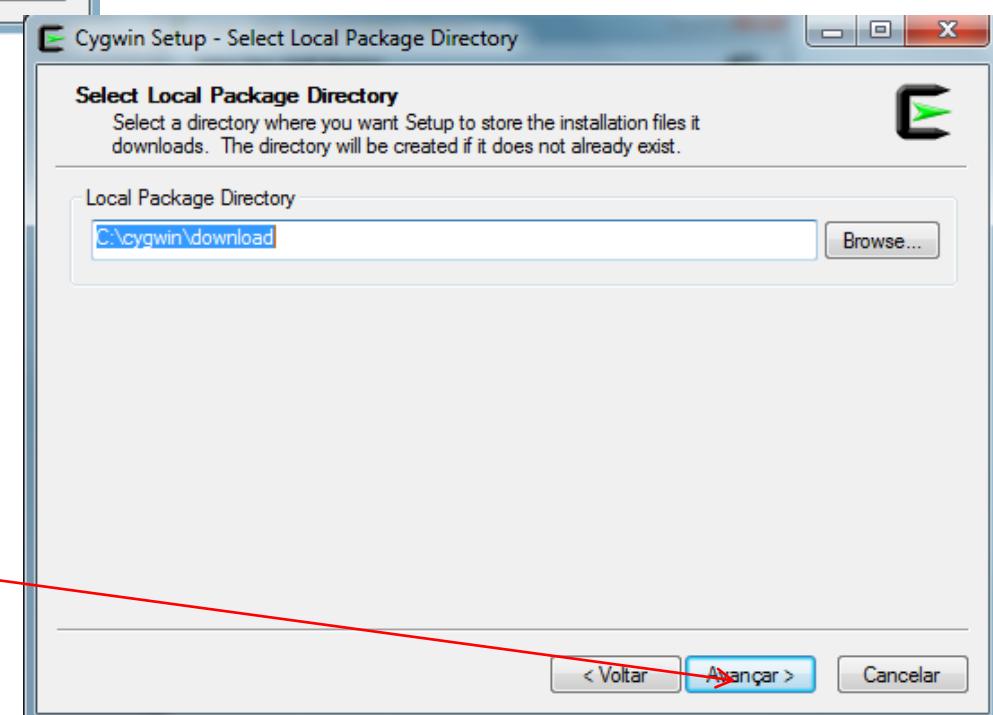
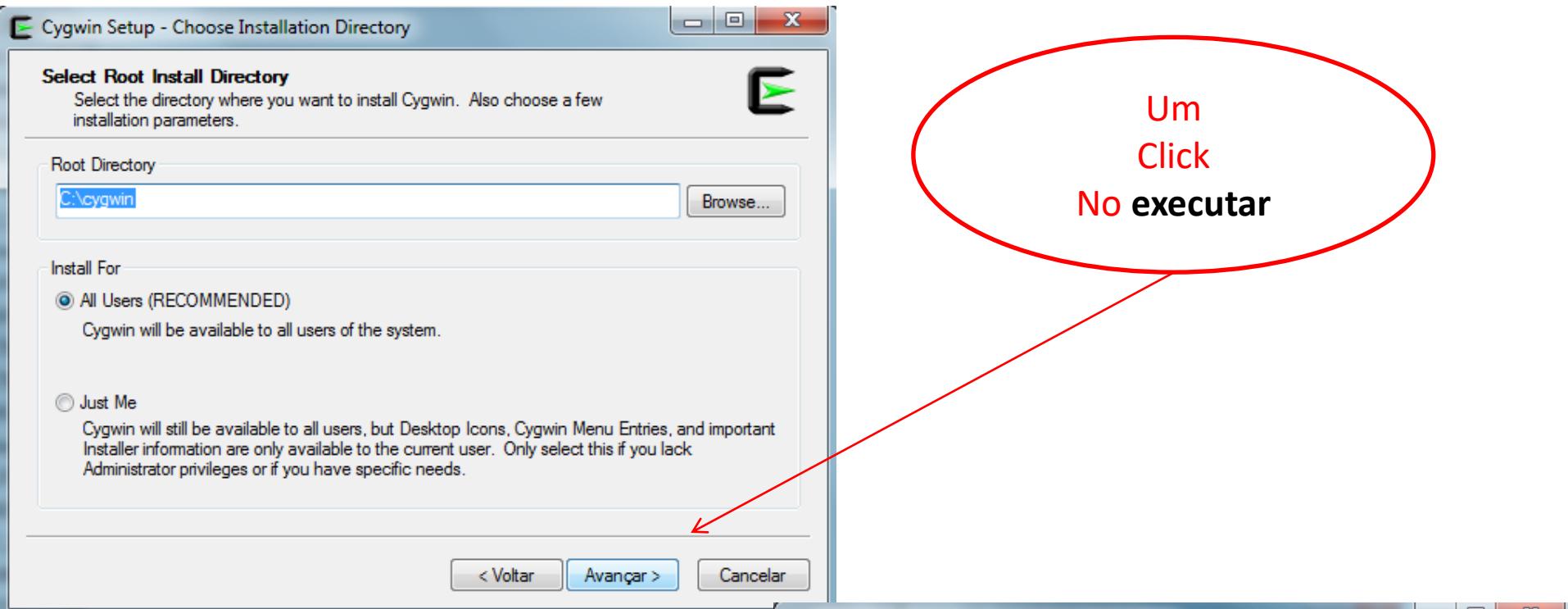
Download Without Installing

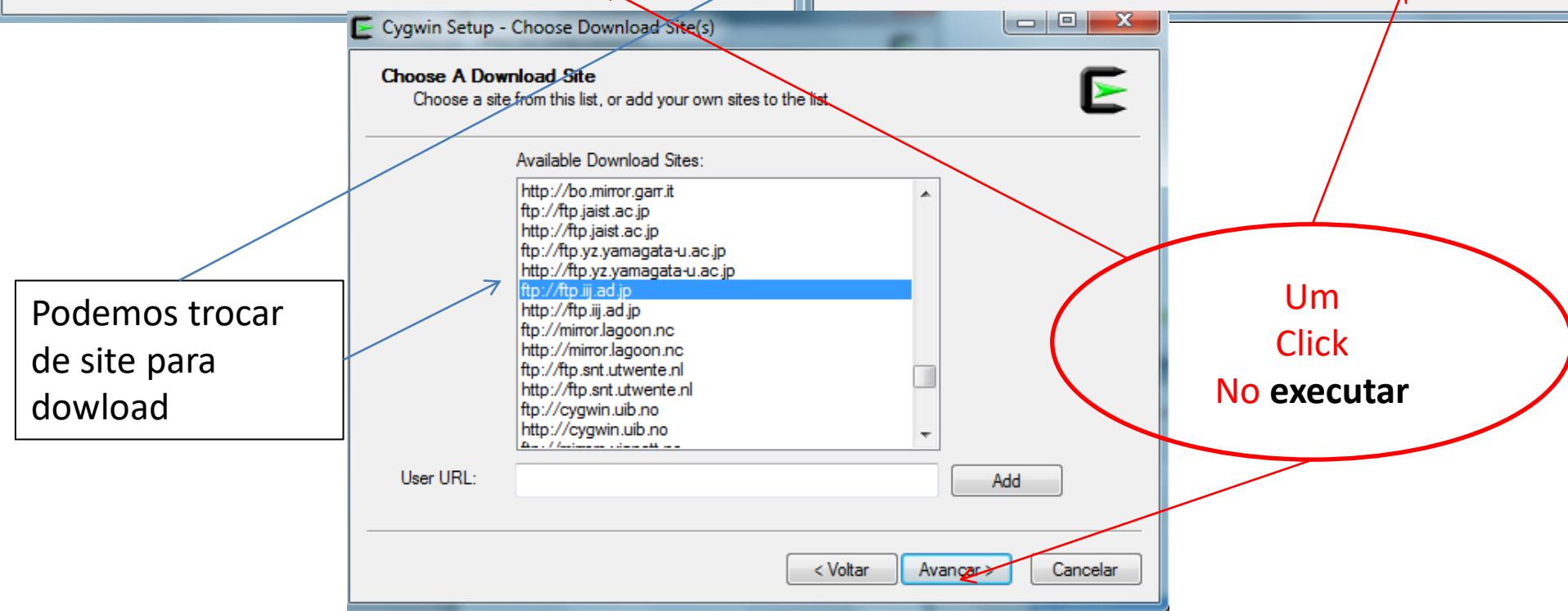
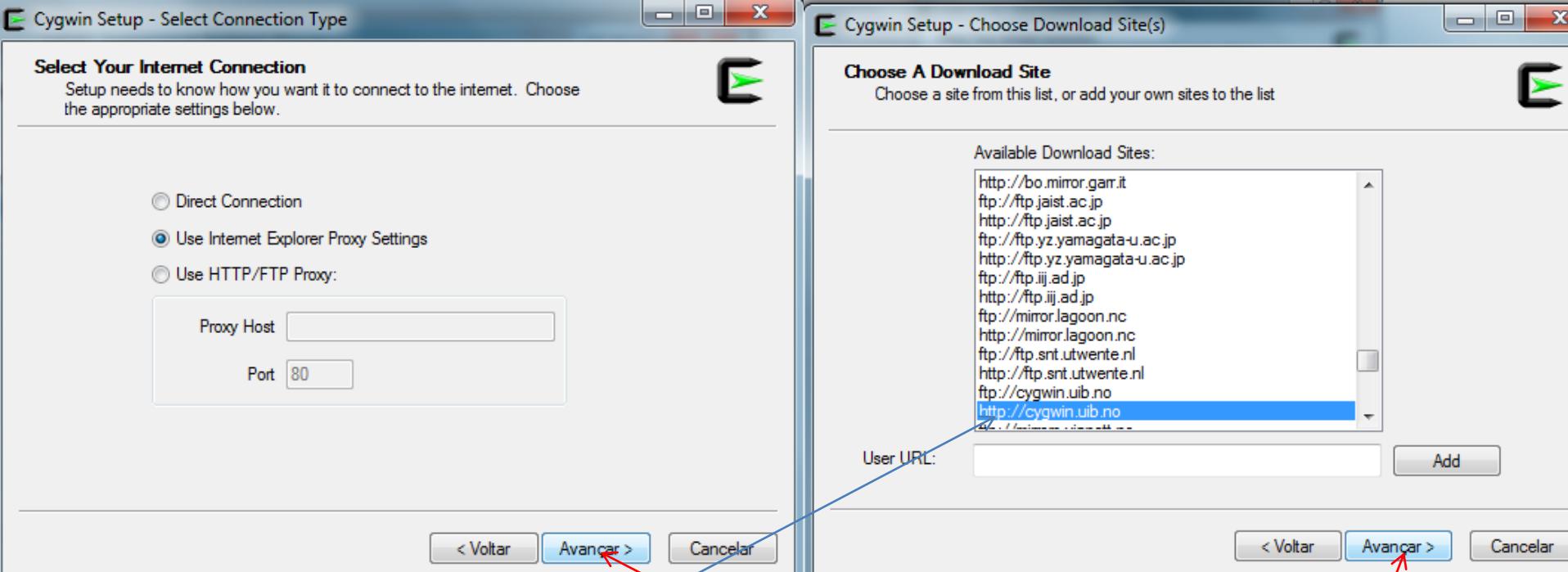
Install from Local Directory

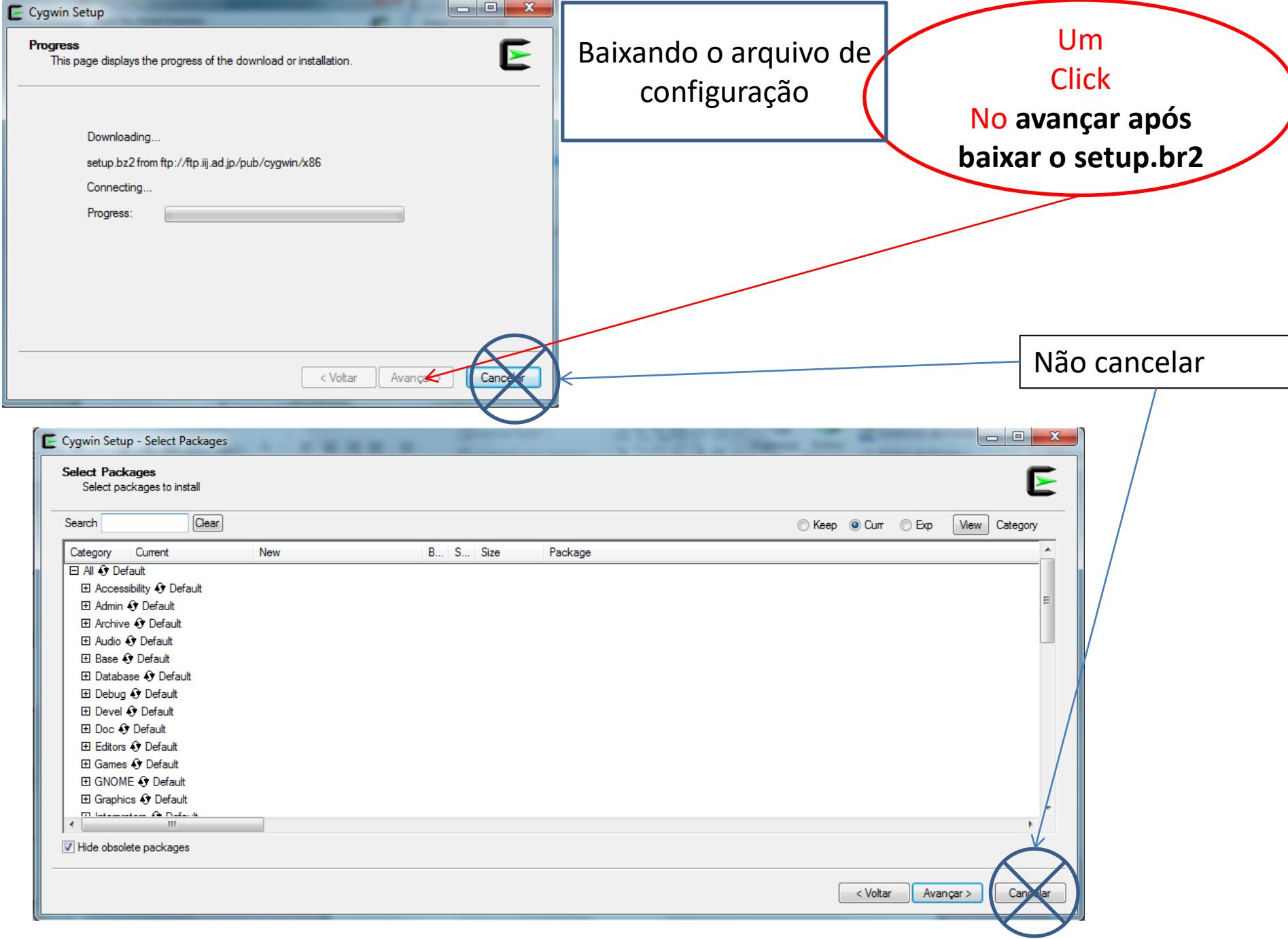
< Voltar

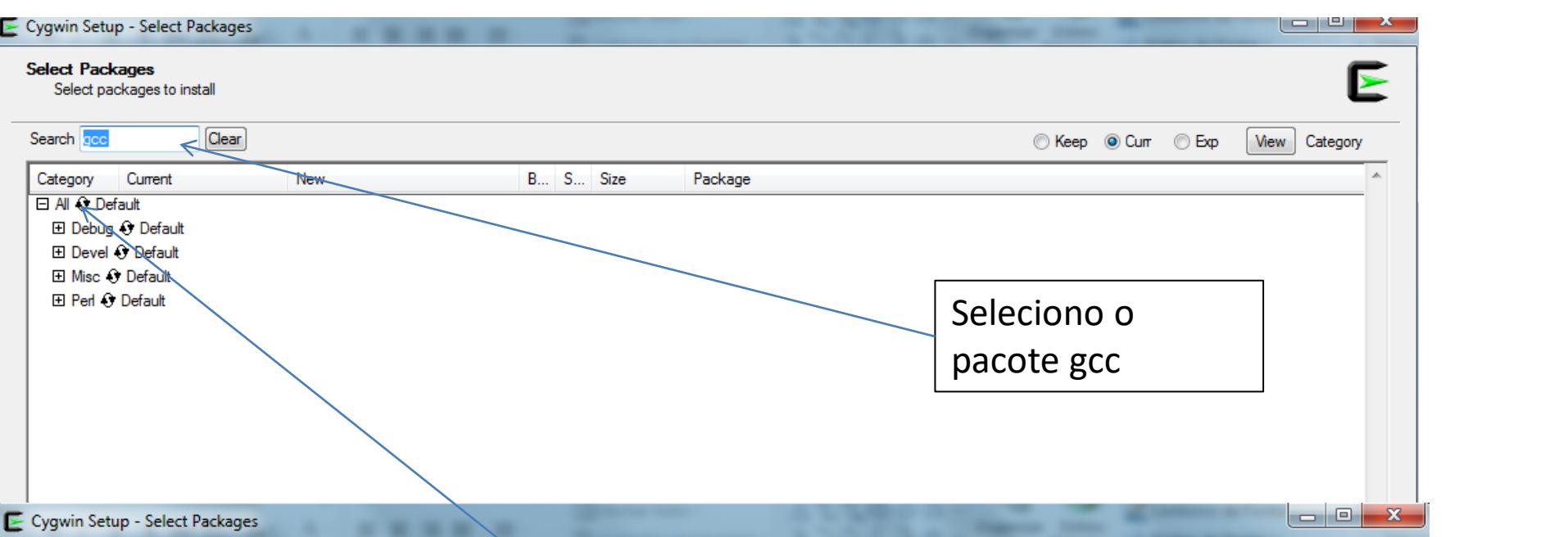
Avançar >

Cancelar

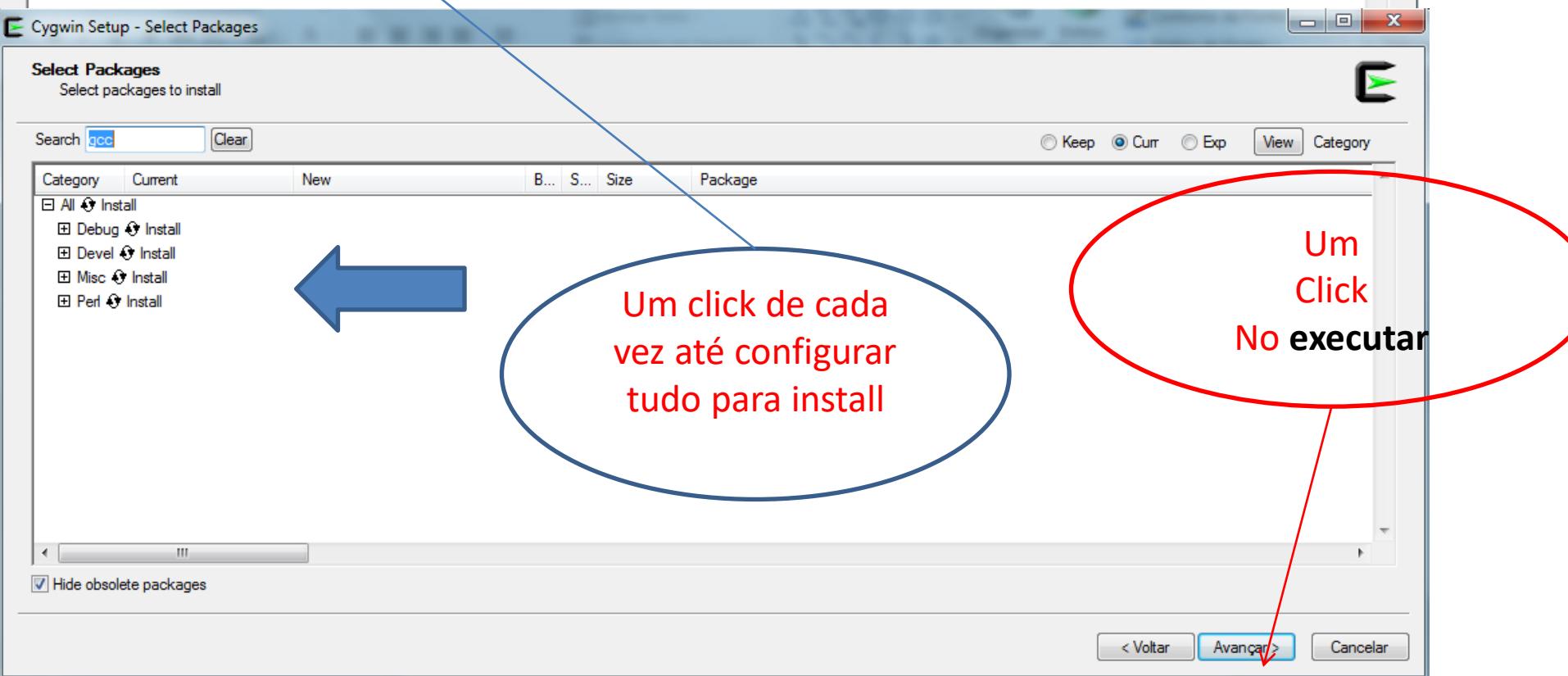


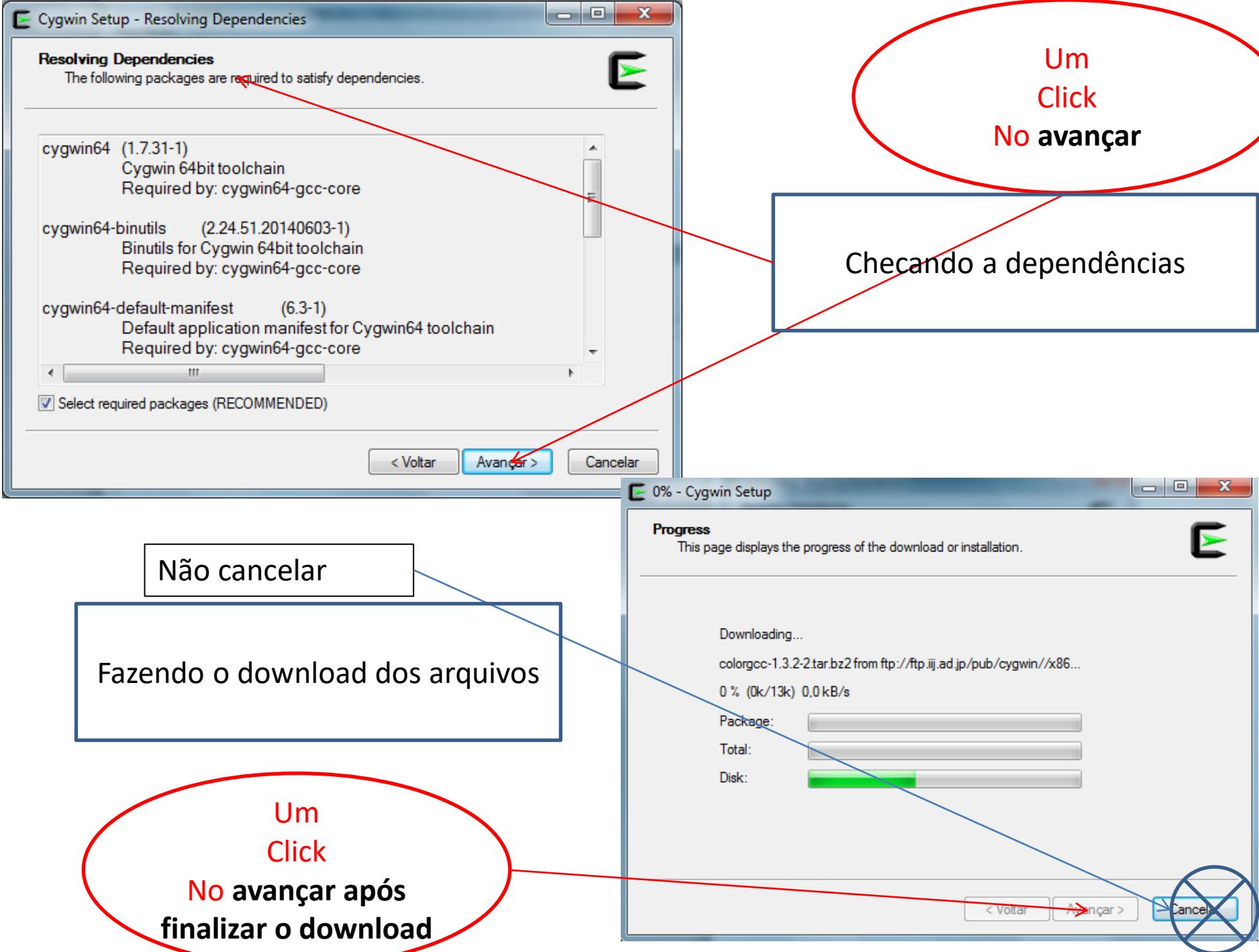




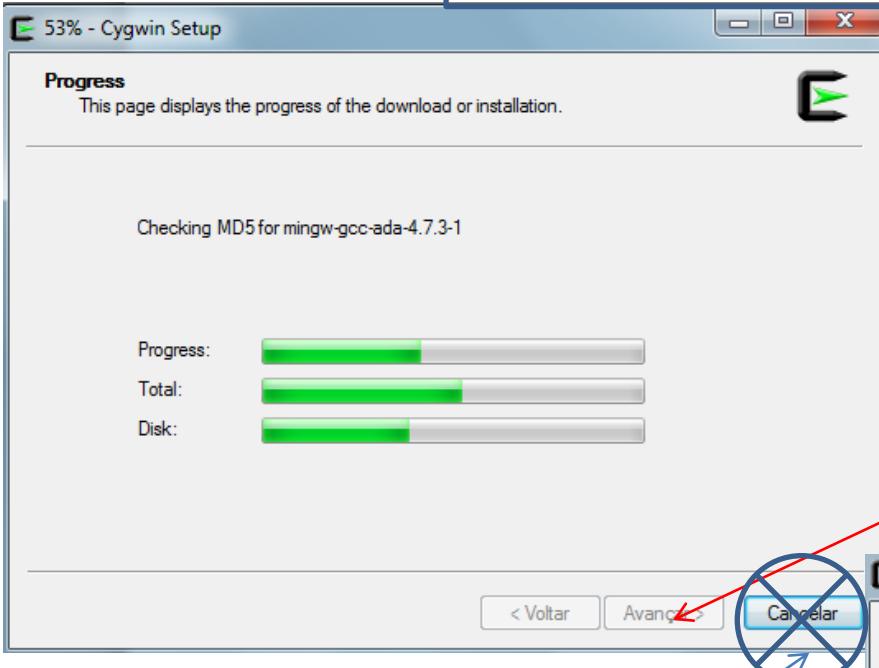


Seleciono o pacote gcc

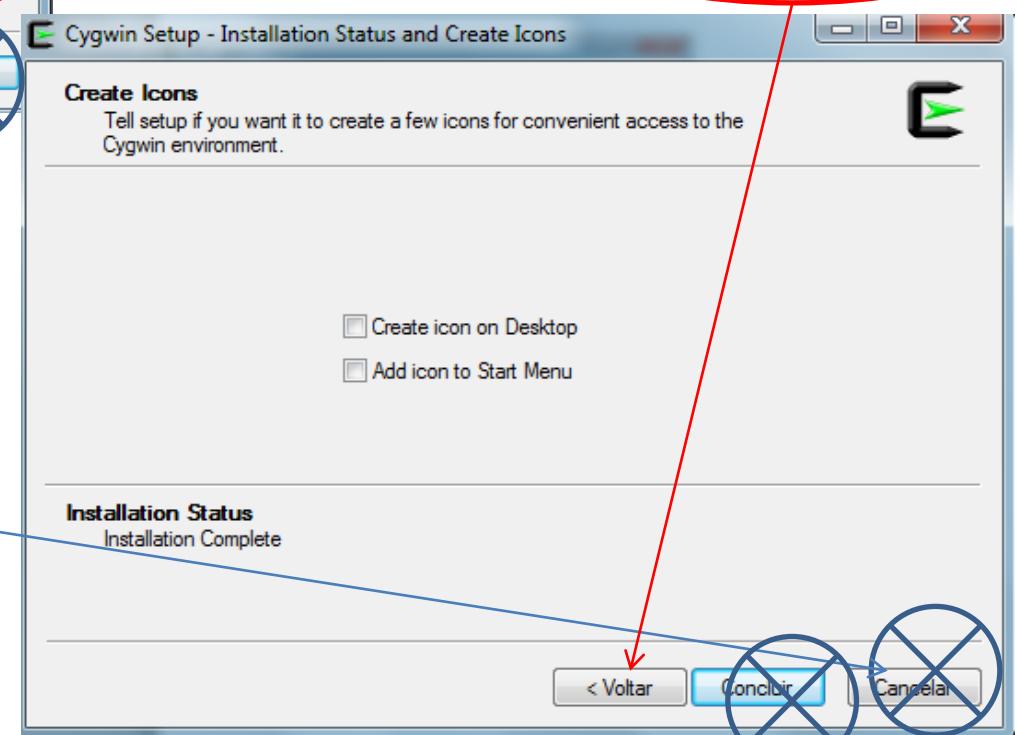




Checando a instalação dos arquivos

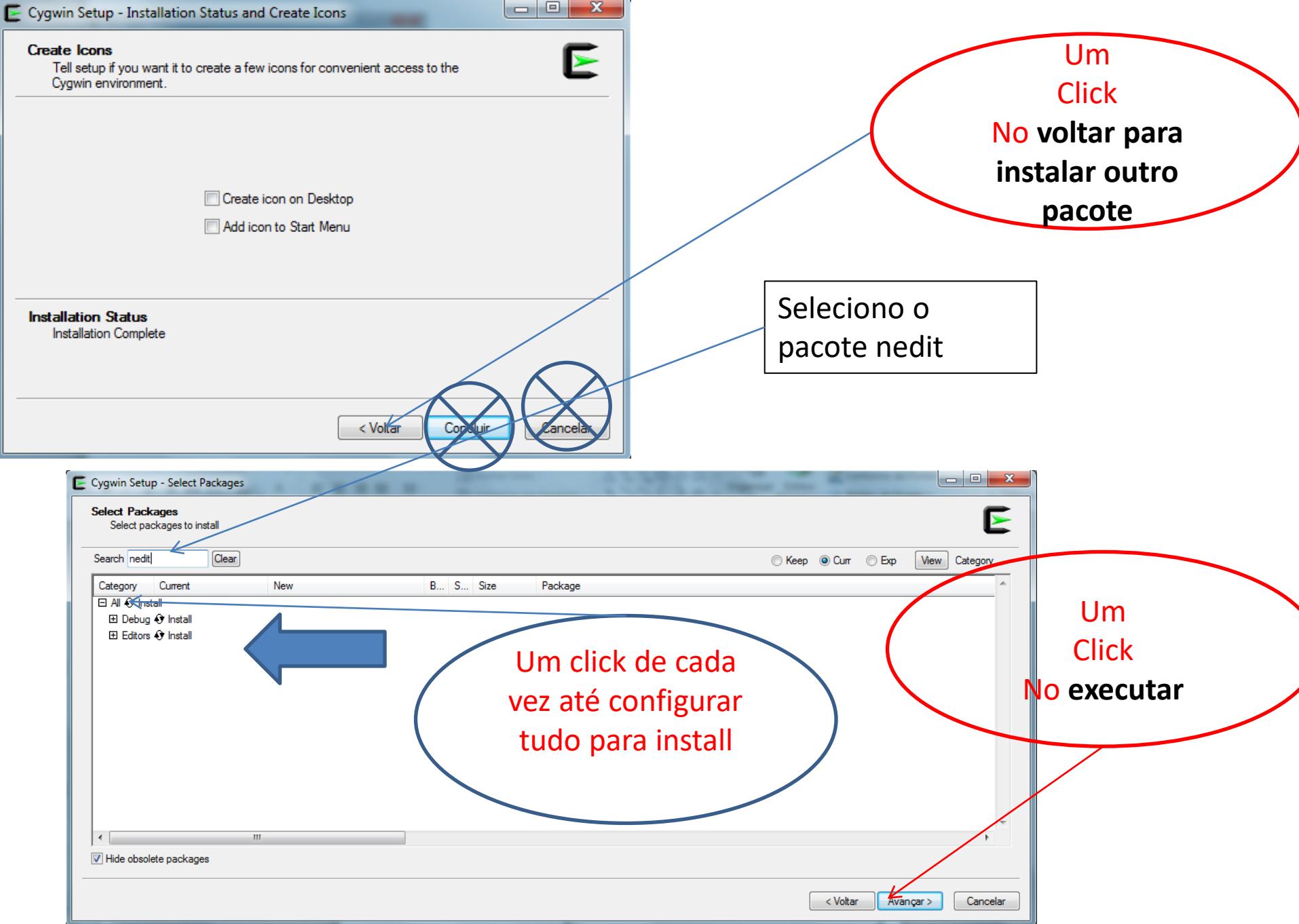


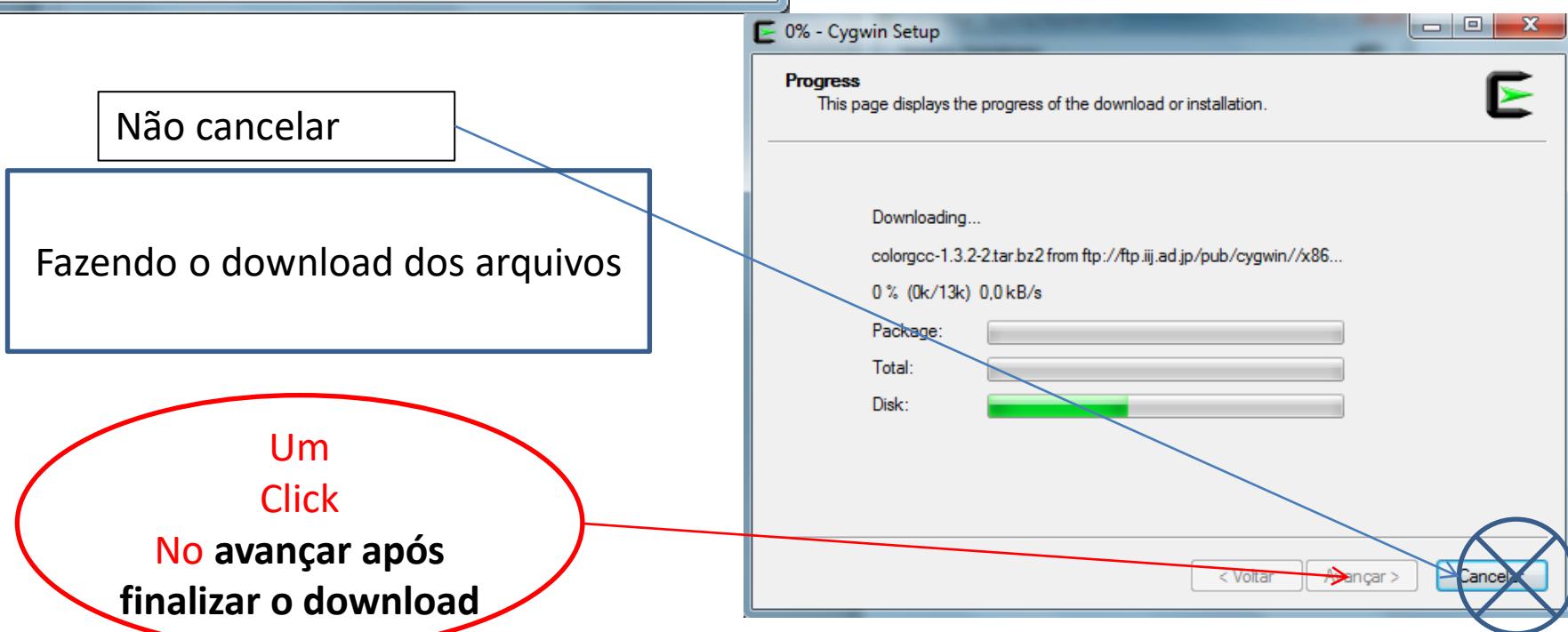
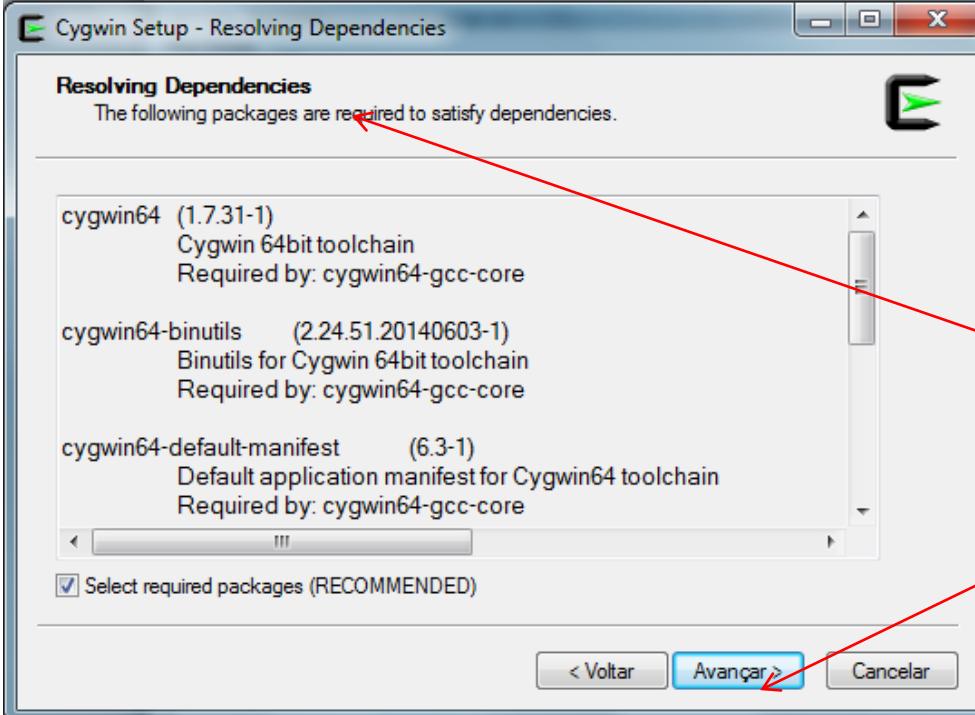
Um Click
No avançar após
terminar a
checagem

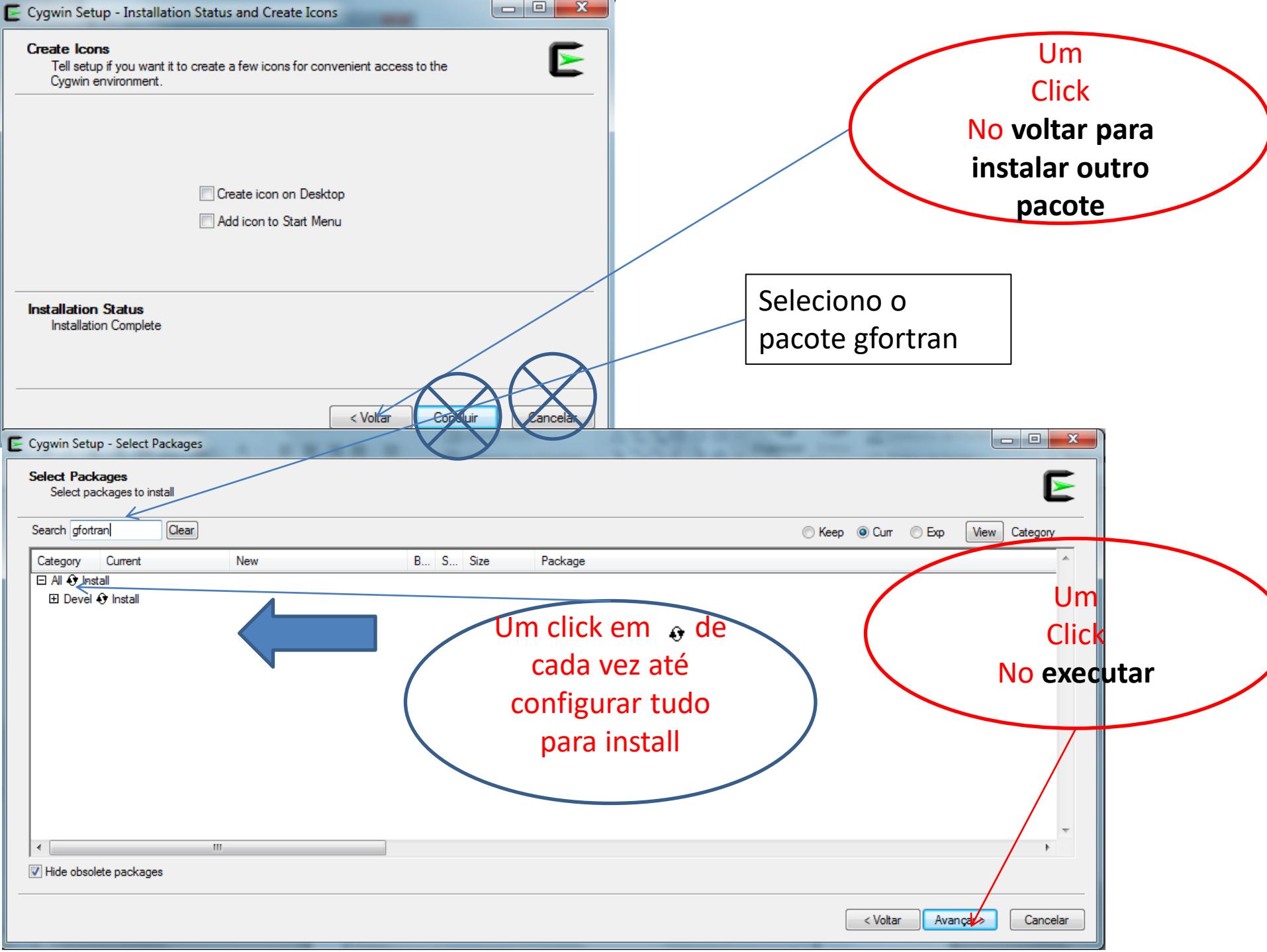


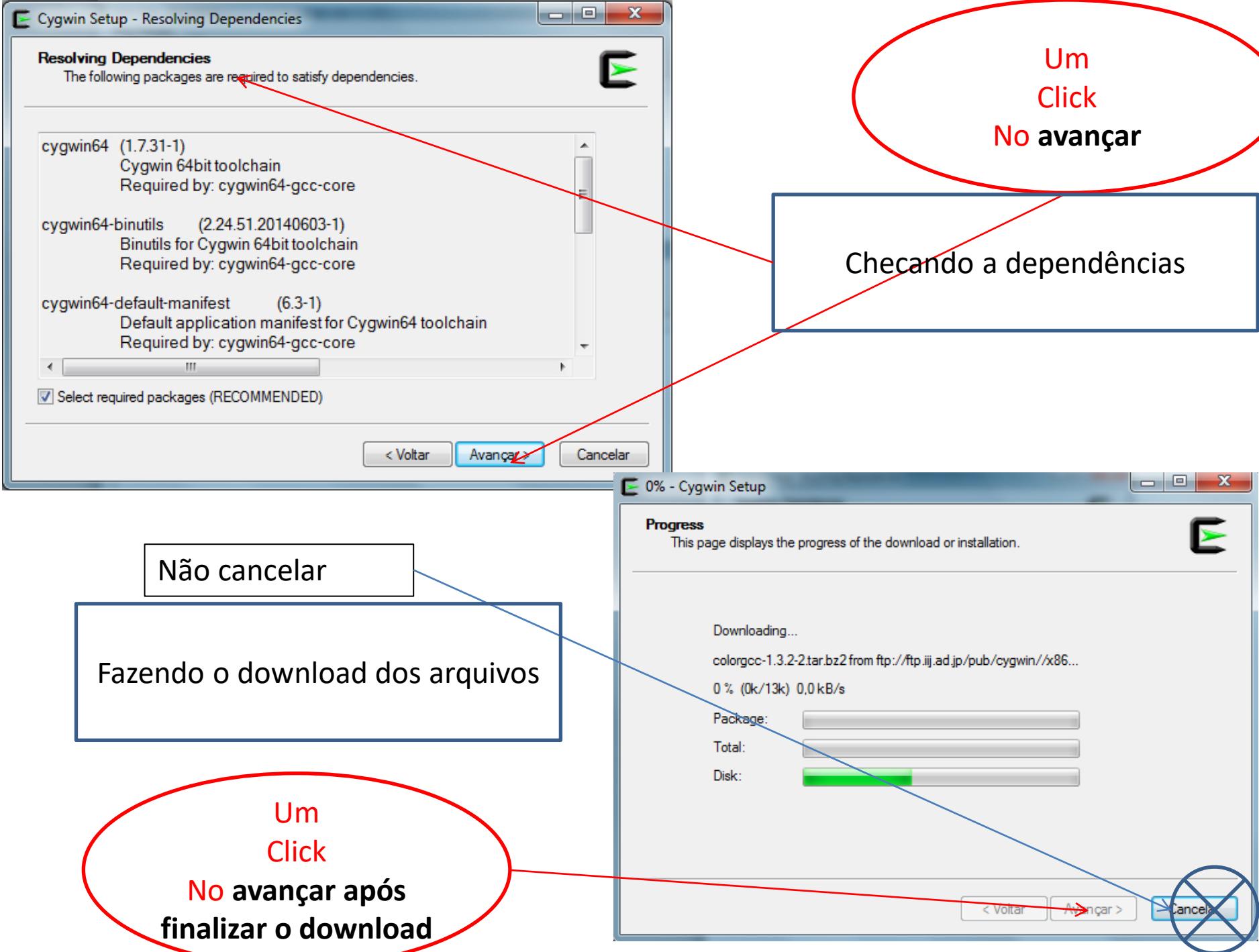
Não cancelar

Um Click
No voltar para
instalar outro
pacote



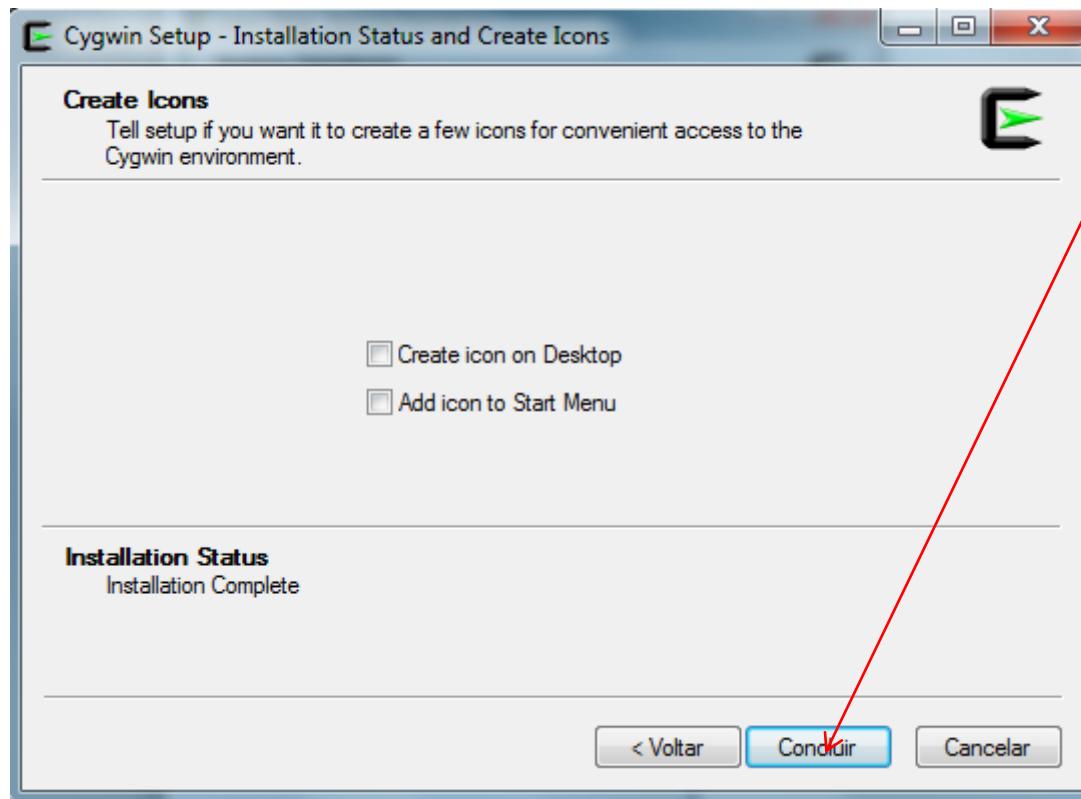






Um
Click

No concluir para
finalizar a instalação



Configuração do CYGWIN

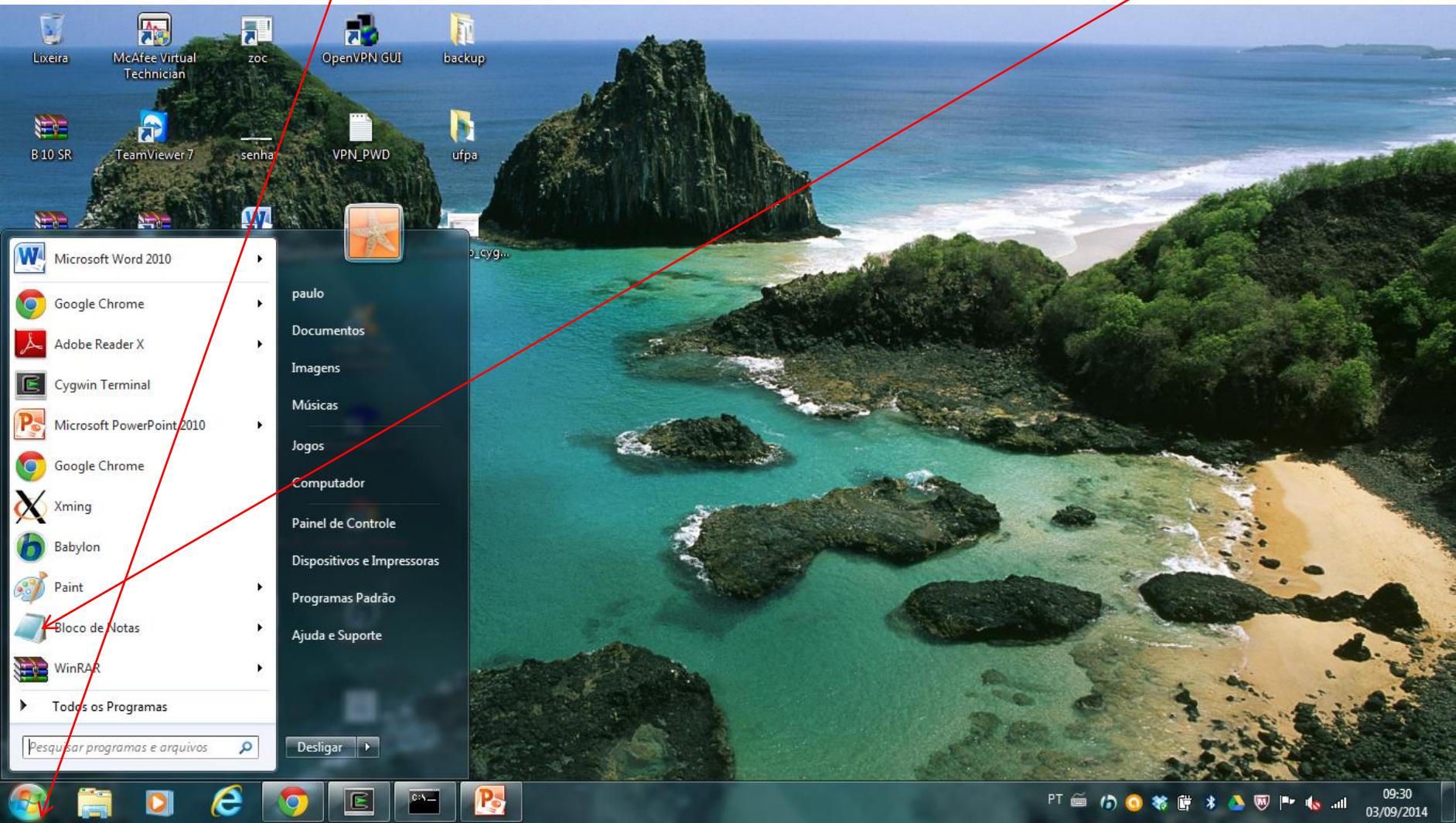
```
sed '$a\ export DISPLAY=localhost:0.0' .bashrc > .bashrc2 ;cp .bashrc2 .bashrc
```

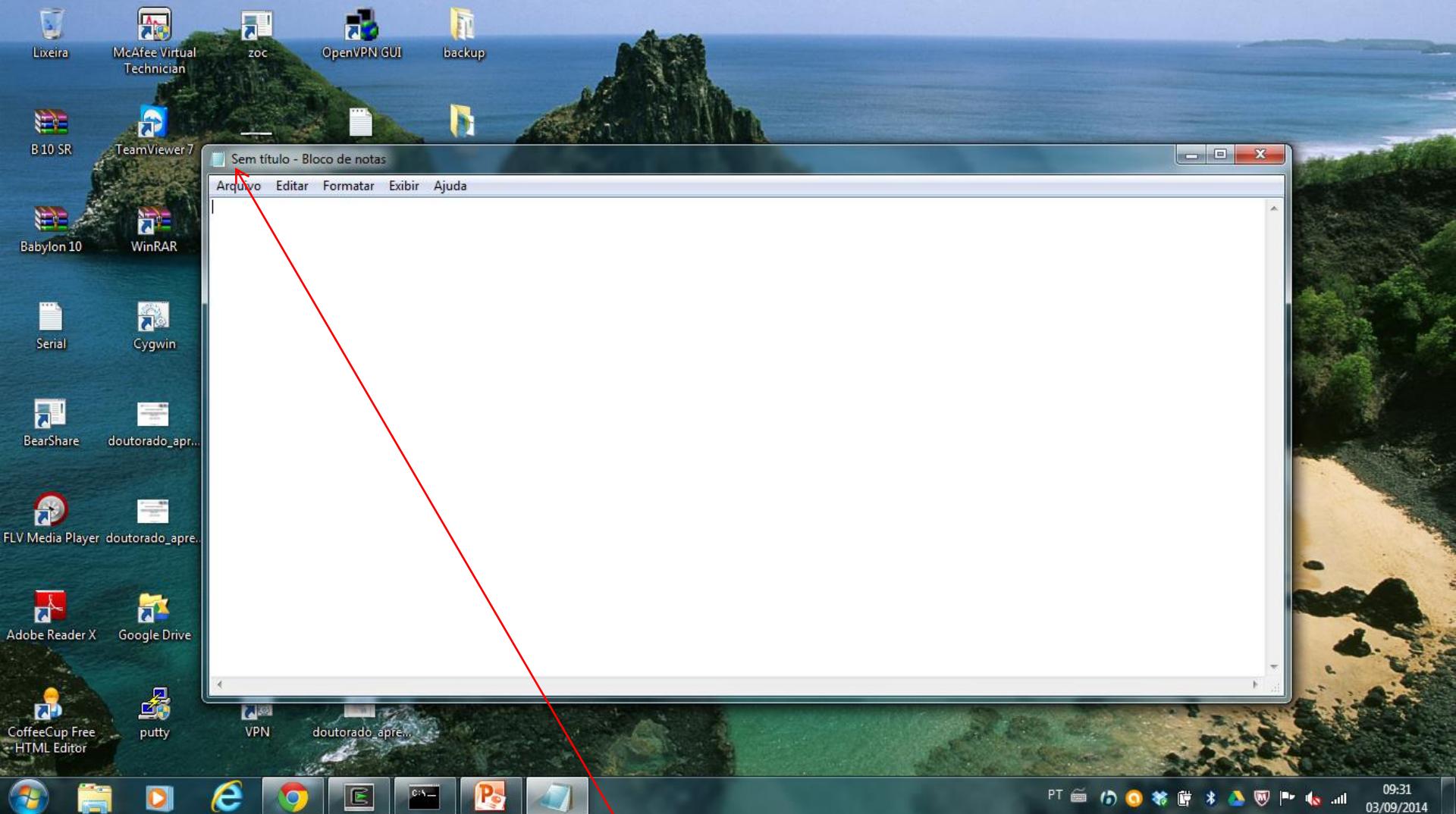
Duoble
Click



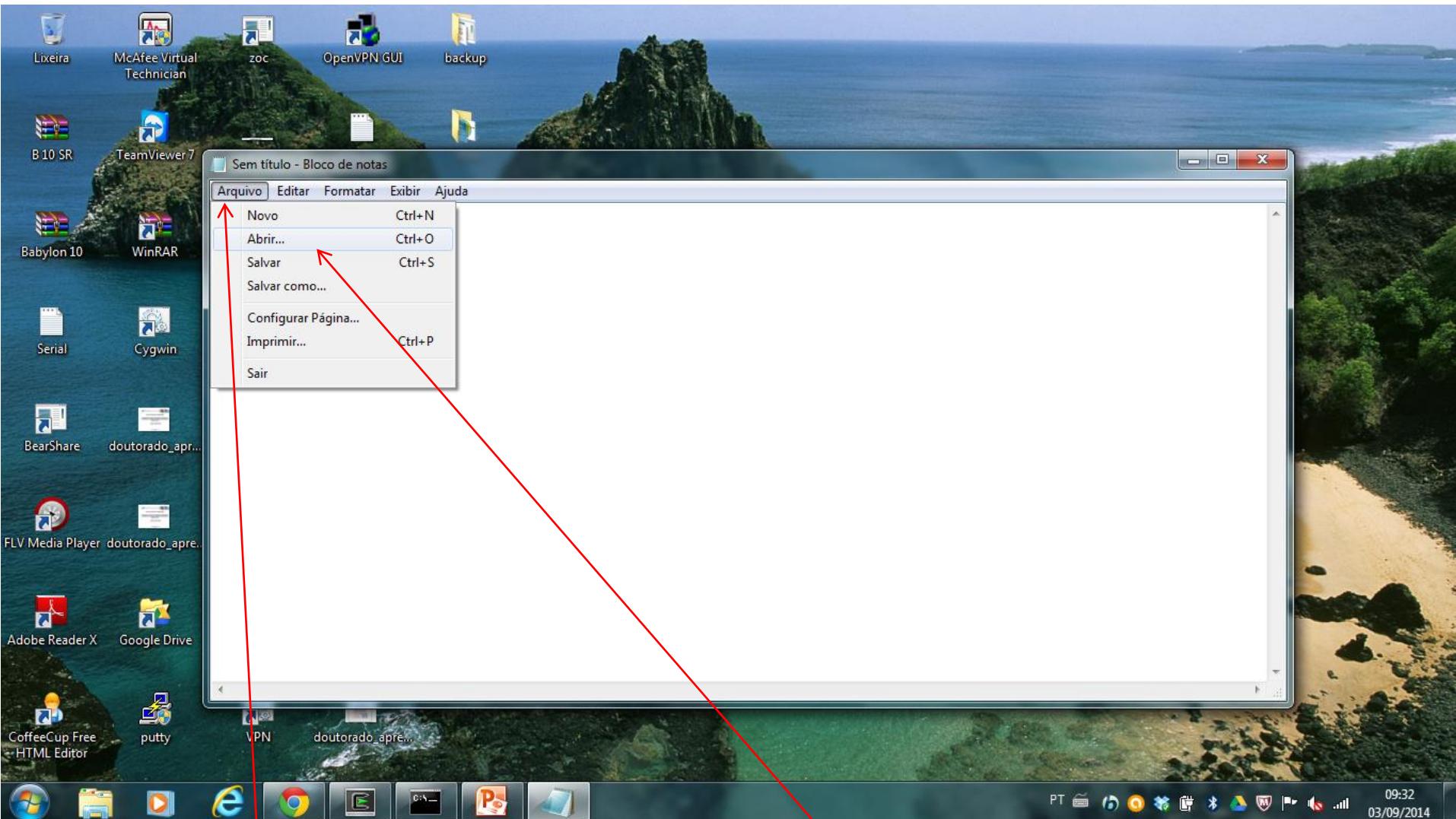
Um
Click
No menu iniciar

Um
Click
No Bloco de notas





Irá abrir o editor de
texto

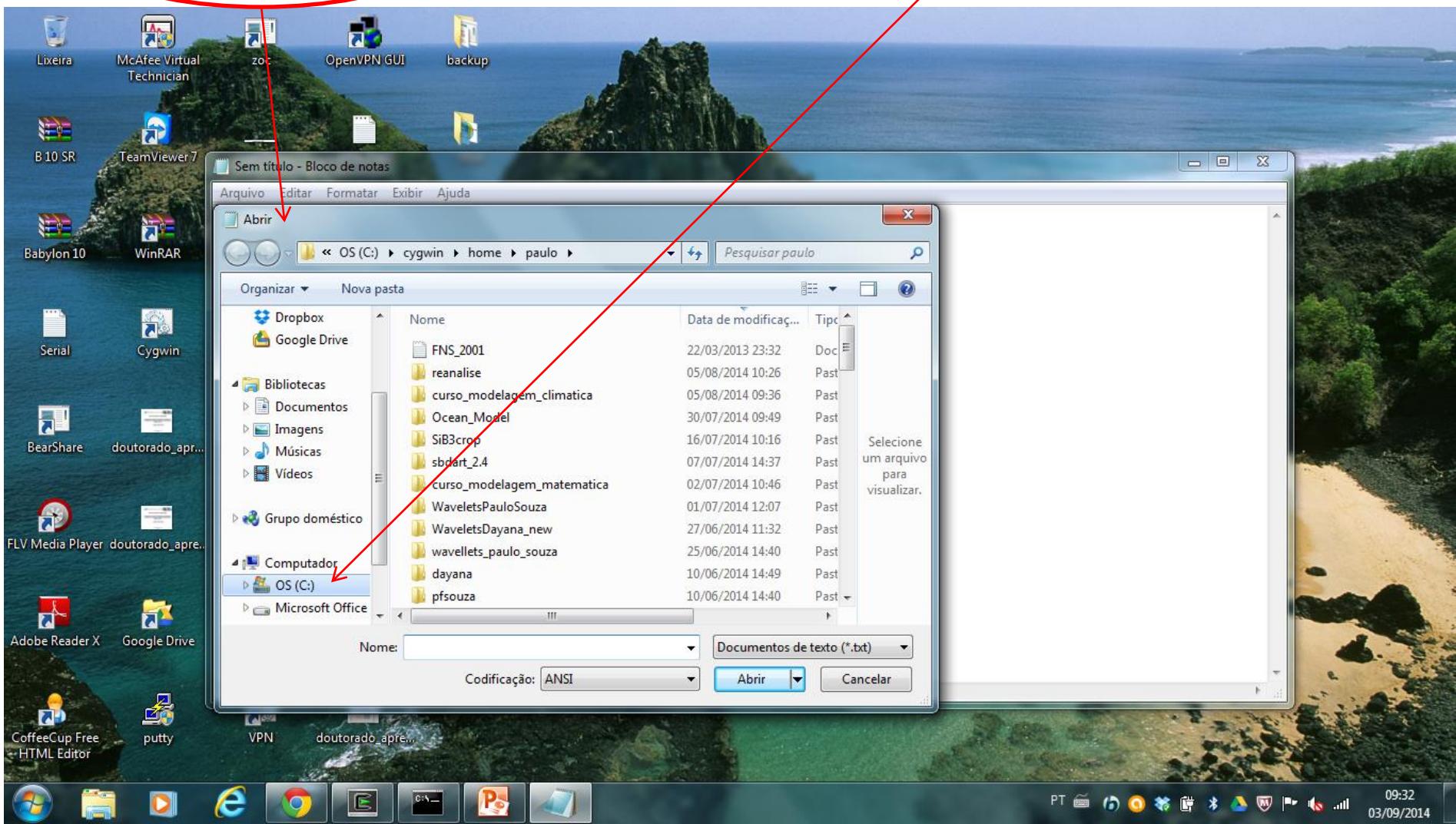


Um click no menu arquivo. Irá abrir a opções

Selezione a opção abrir com um click. Irá abrir a opções

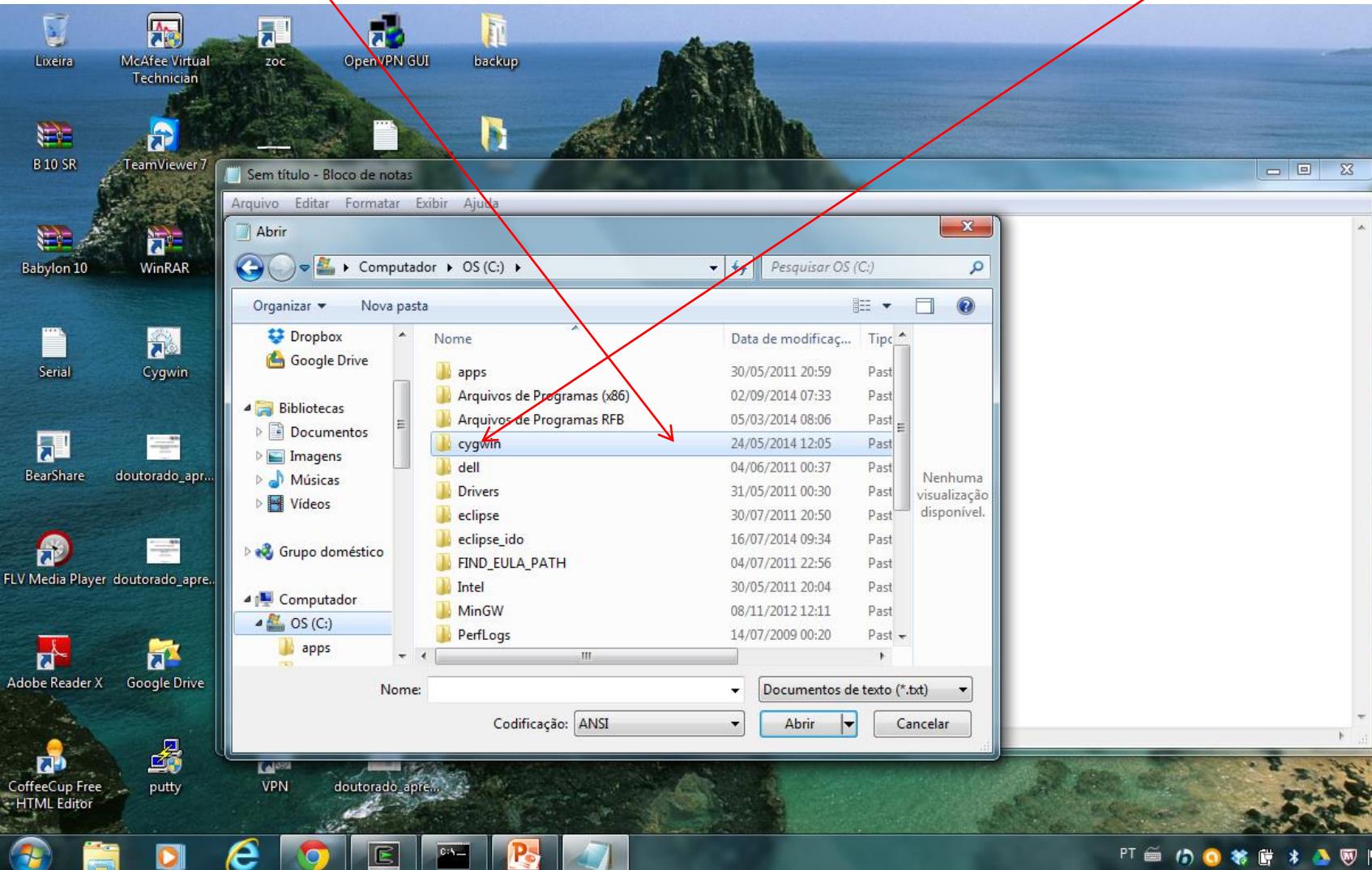
Irá abrir a seguinte caixa

Um click no ícone
OS(C)



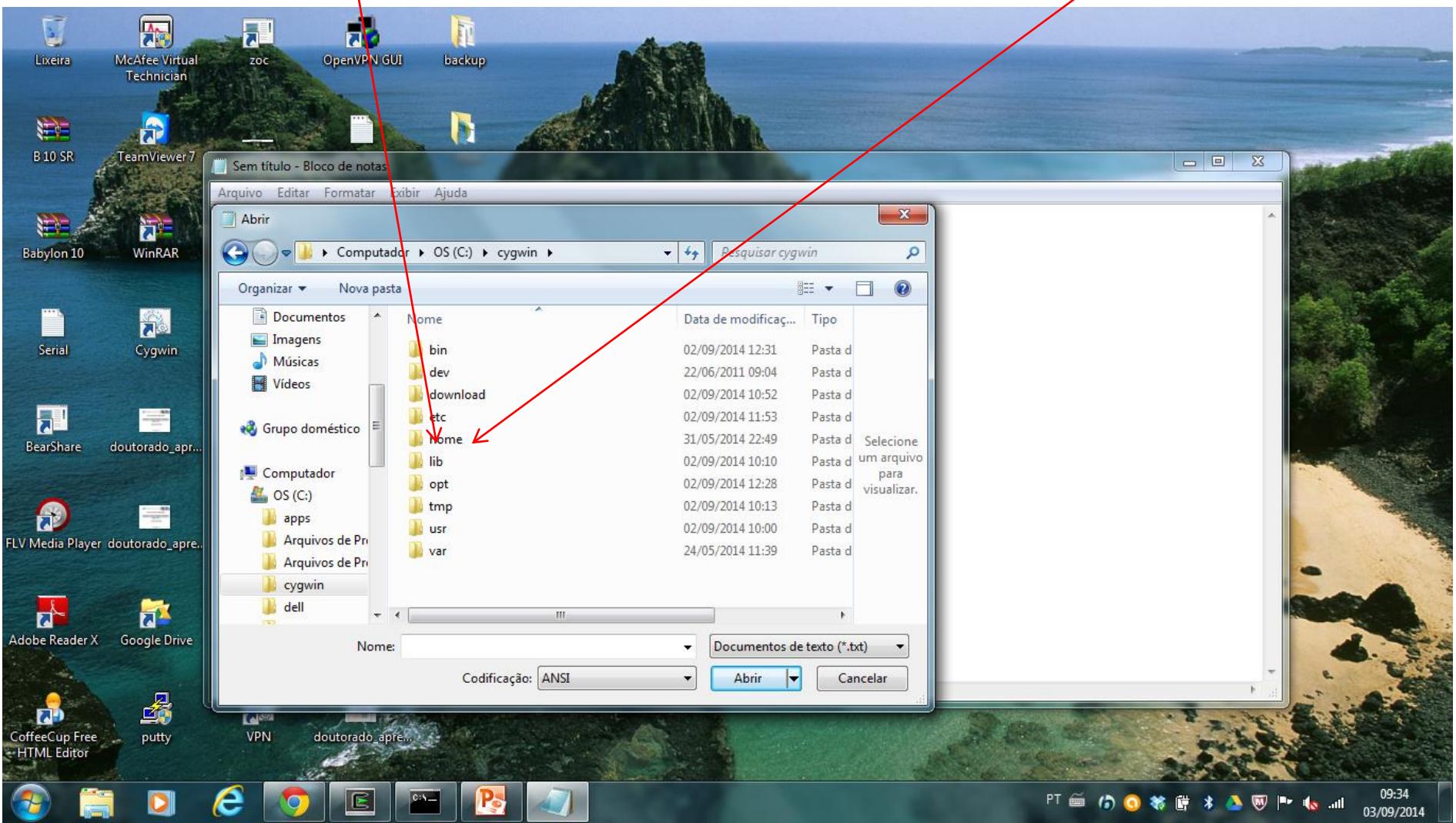
Na janela ao lado irá aparecer o diretório cygwin

Com double click no diretório cygwin . Irá abri-lo e será mostrado o conteúdo do diretório



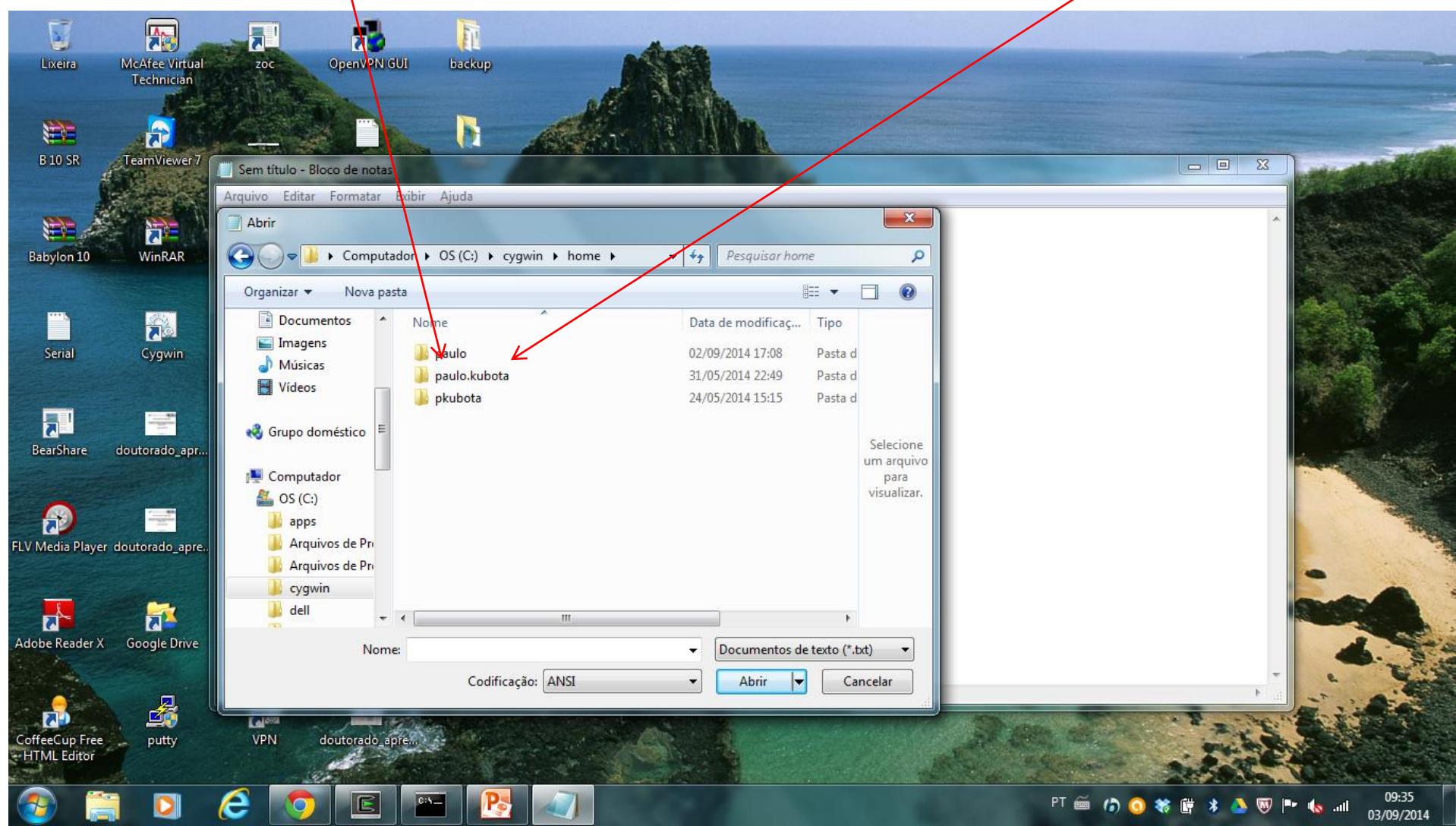
Após aparecer o conteúdo. Com double click no diretório home.
Irá abri-lo

Com double click no diretório home. Irá abri-lo e será mostrado o conteúdo do diretório



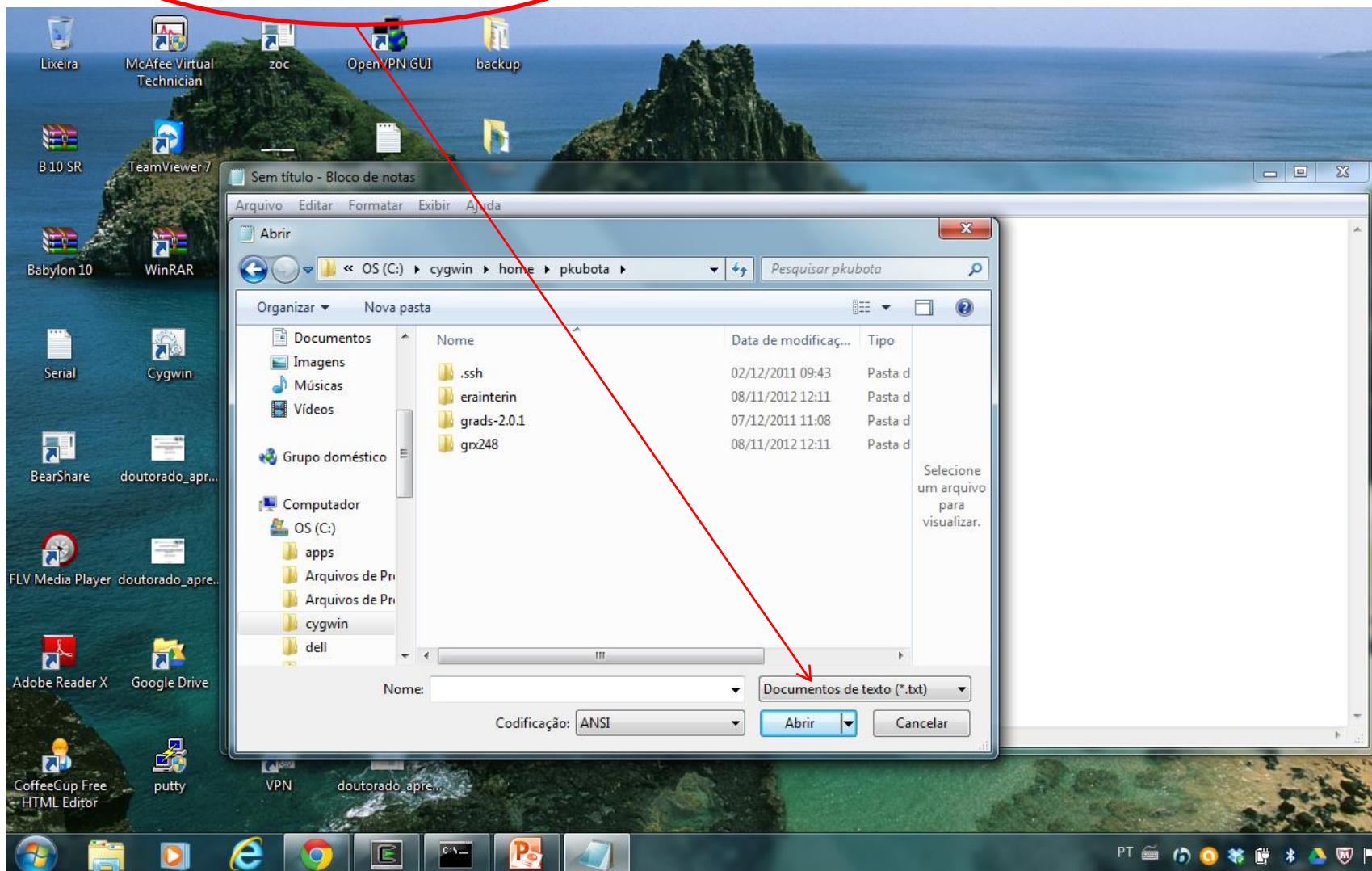
Após aparecer o conteúdo. Com double click no diretório **usuario** “neste caso paulo”. Irá abri-lo

Com double click no diretório home. Irá abri-lo e será mostrado o conteúdo do diretório

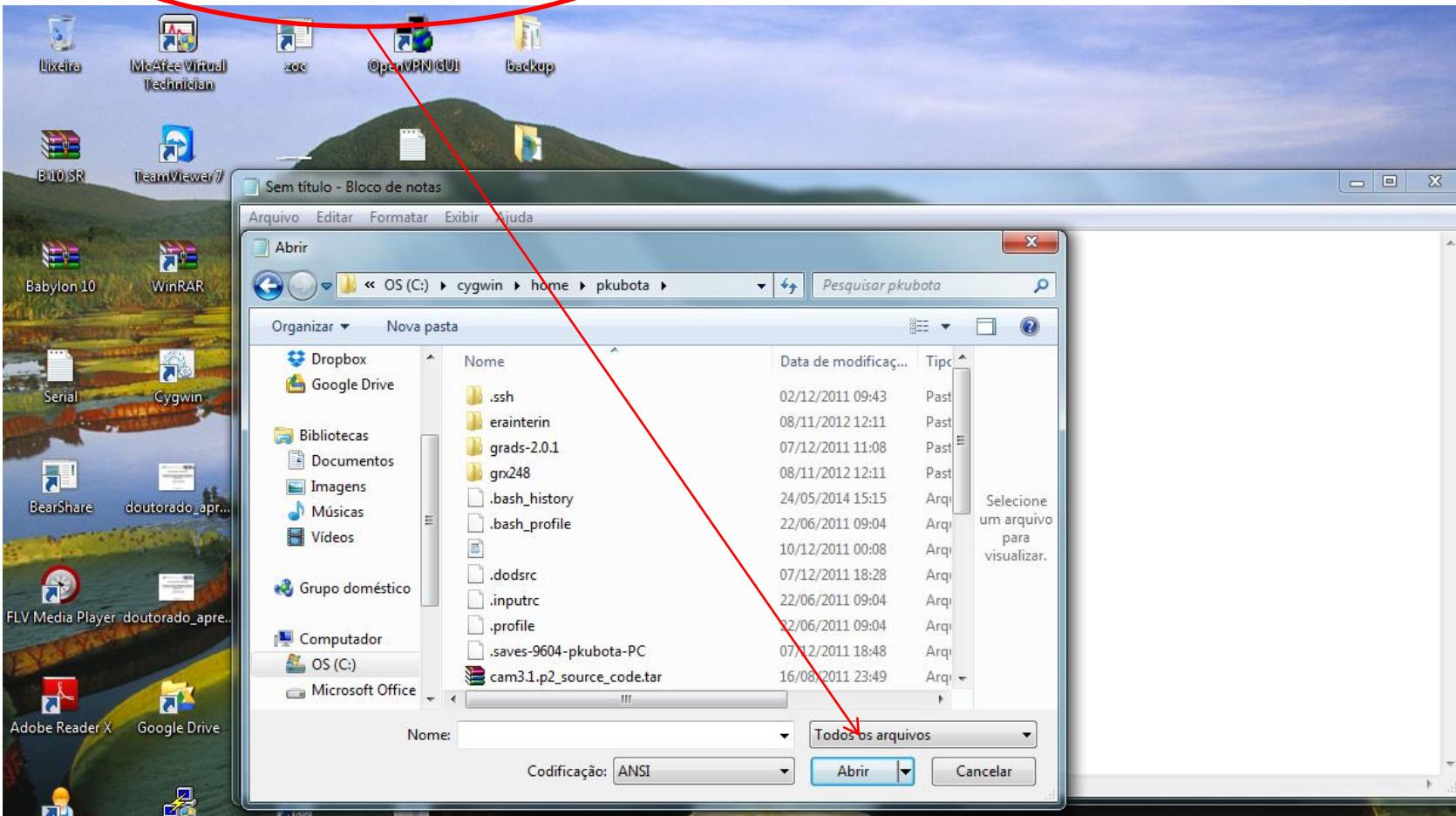


Após aparecer o conteúdo.

No menu que está
mostrando **Documentos de**
texto (*.txt) , coloque a
opção todos os arquivos



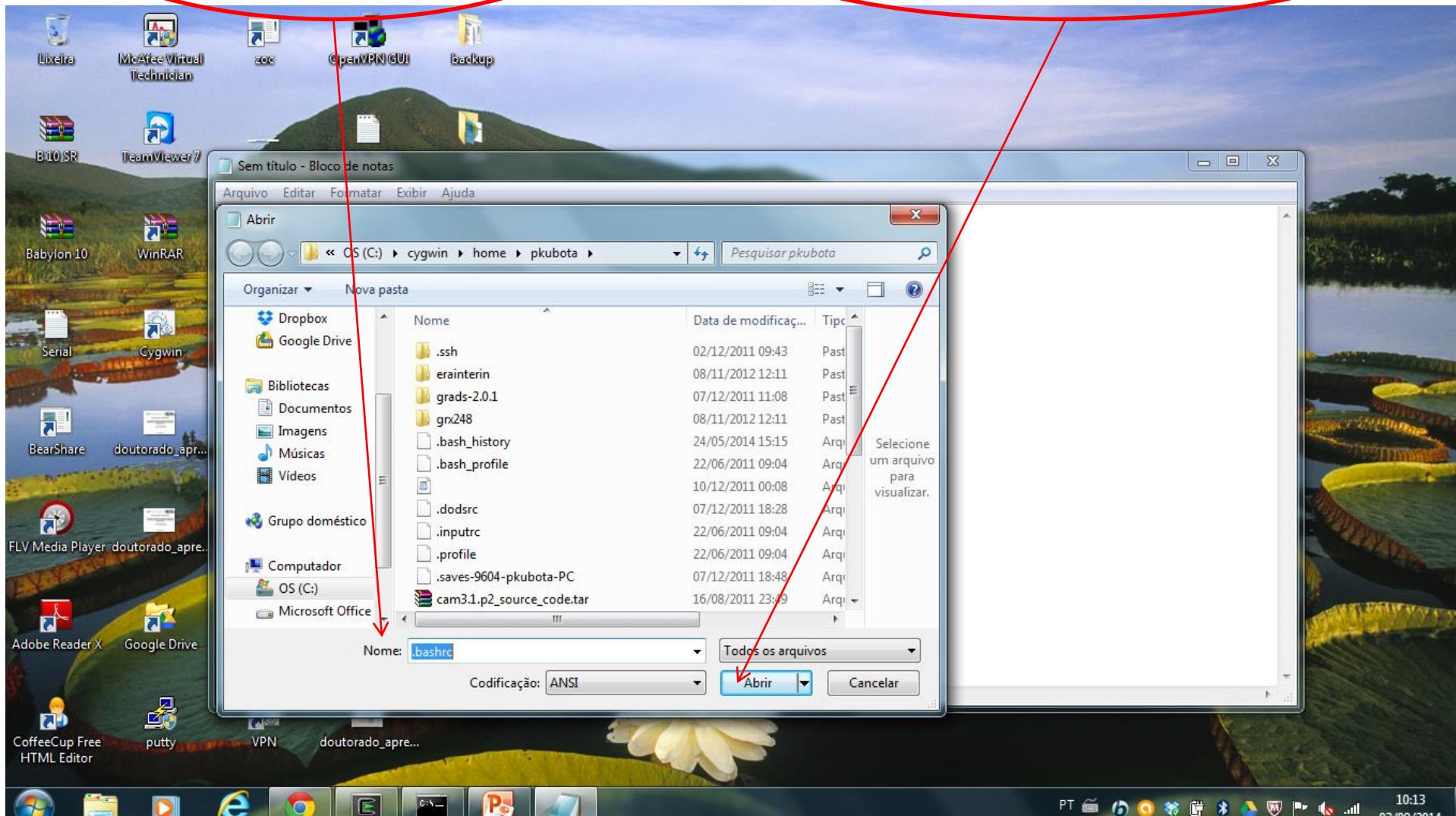
Após colocar a opção todos os arquivos

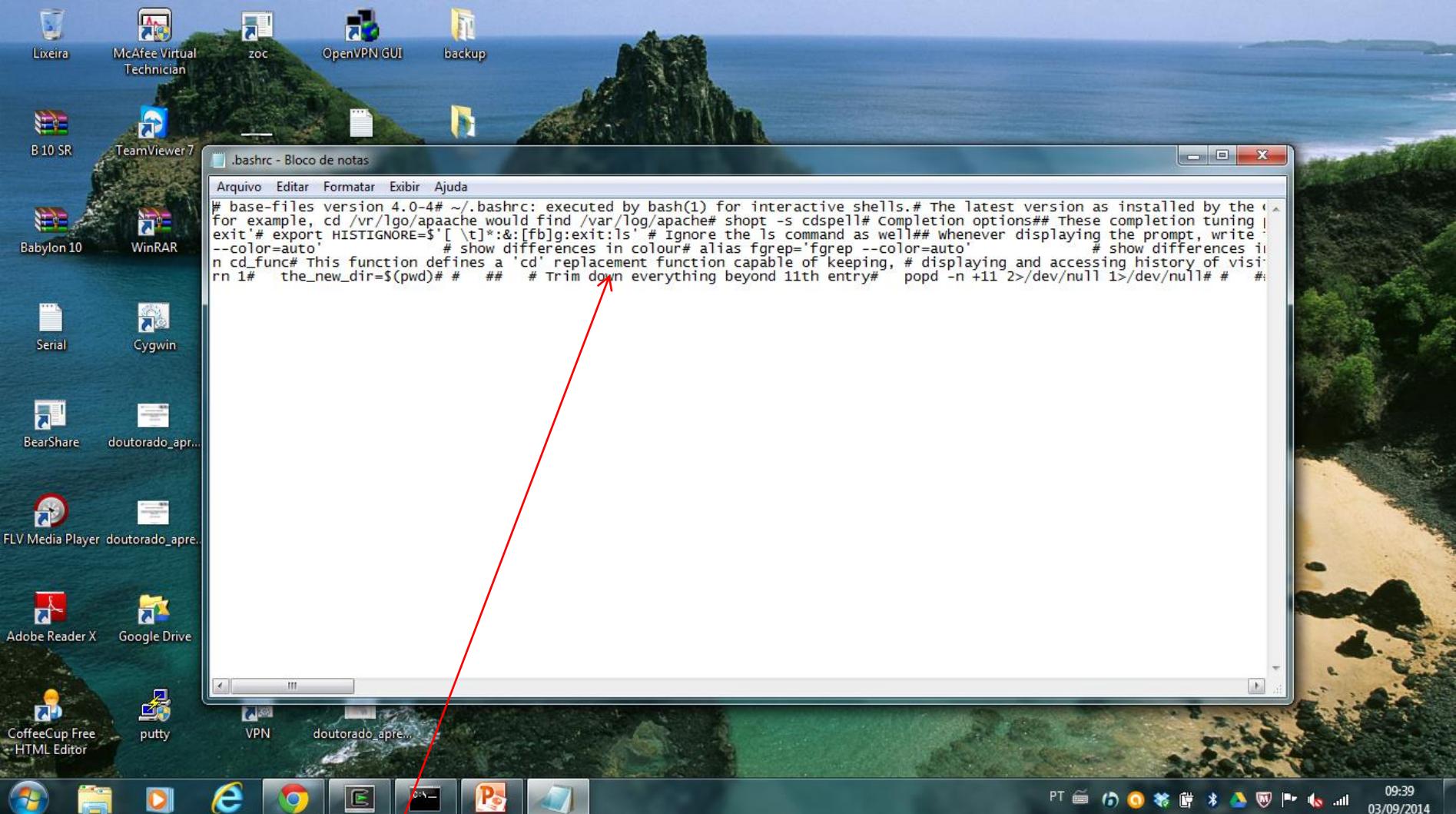


Após colocar a **opção todos os arquivos**. Digite no menu **Nome .bashrc**

Este arquivo **.bashrc** é o arquivo de configuração da conta do usuário **paulo** do **cygwin**

Após digitar no menu **Nome .bashrc** .Click no menu **abrir**



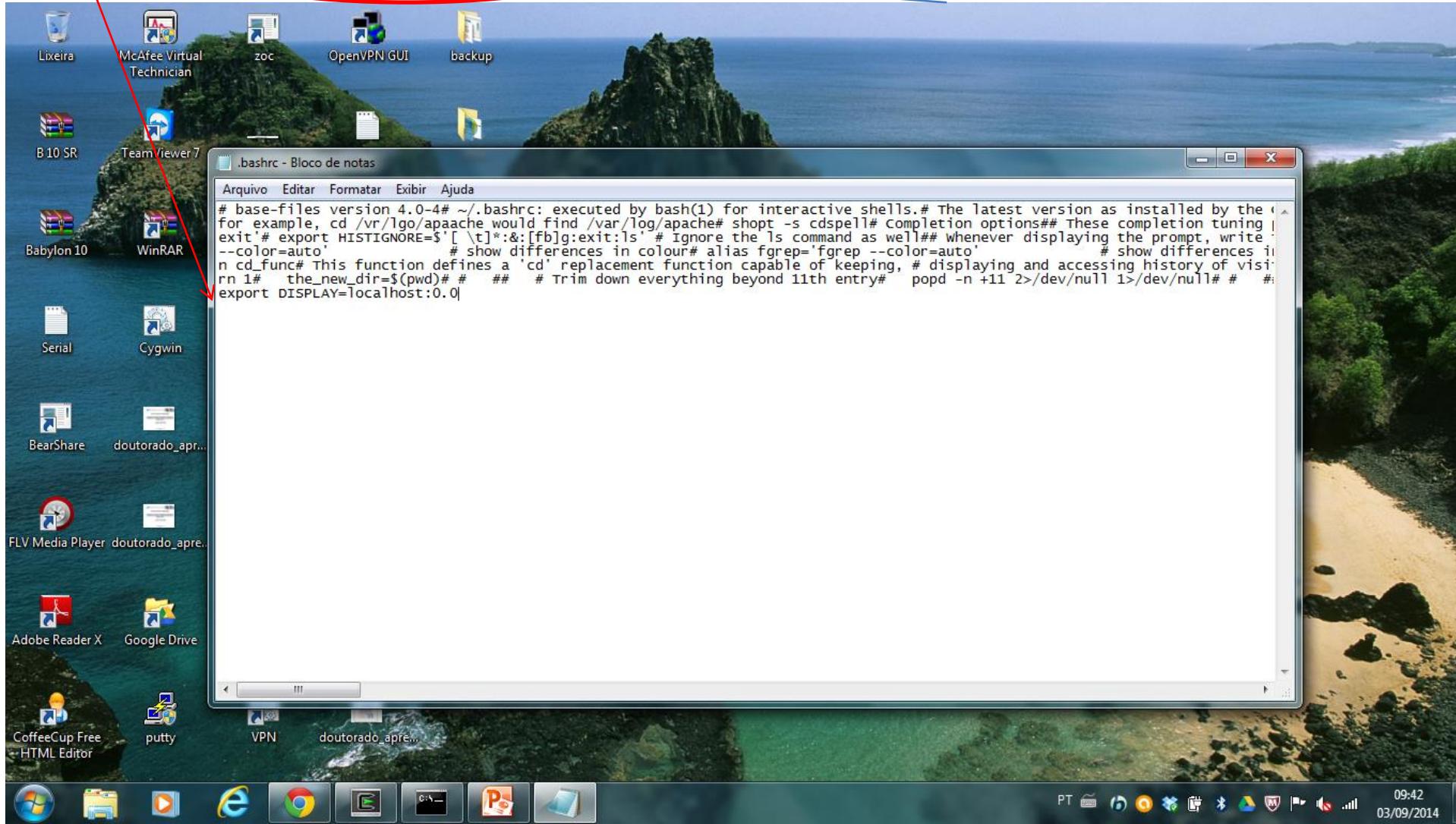


Após o click no menu abrir. Irá
aparecer as seguintes
informações no editor de texto
Bloco de notas

Na ultima linha deve-se incluir
uma nova linha coma as
seguinte expressão
export DISPLAY=localhost:0.0

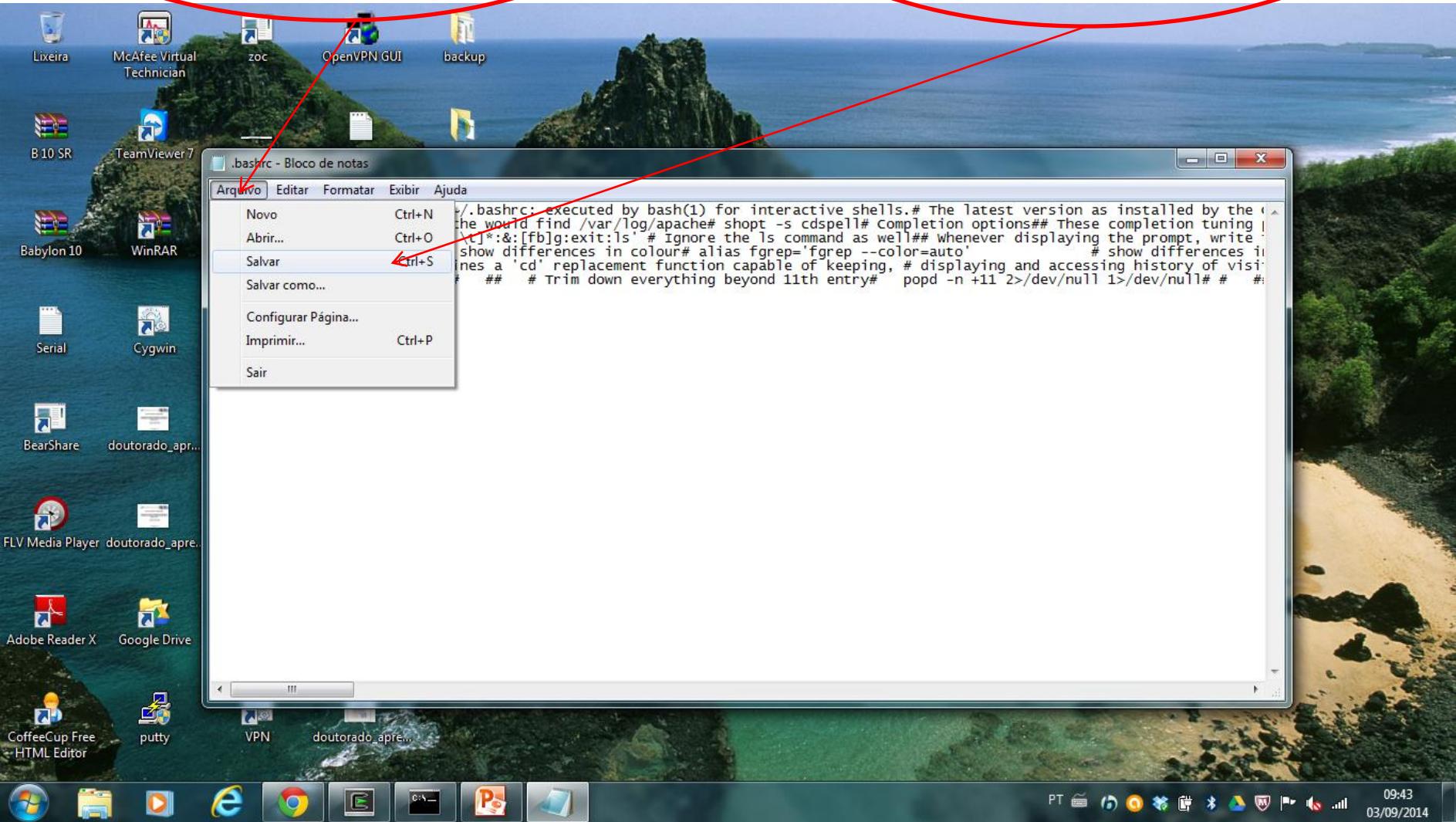
Este caracteres são zero

Deve obedecer as letras
maiúscula e minúsculas



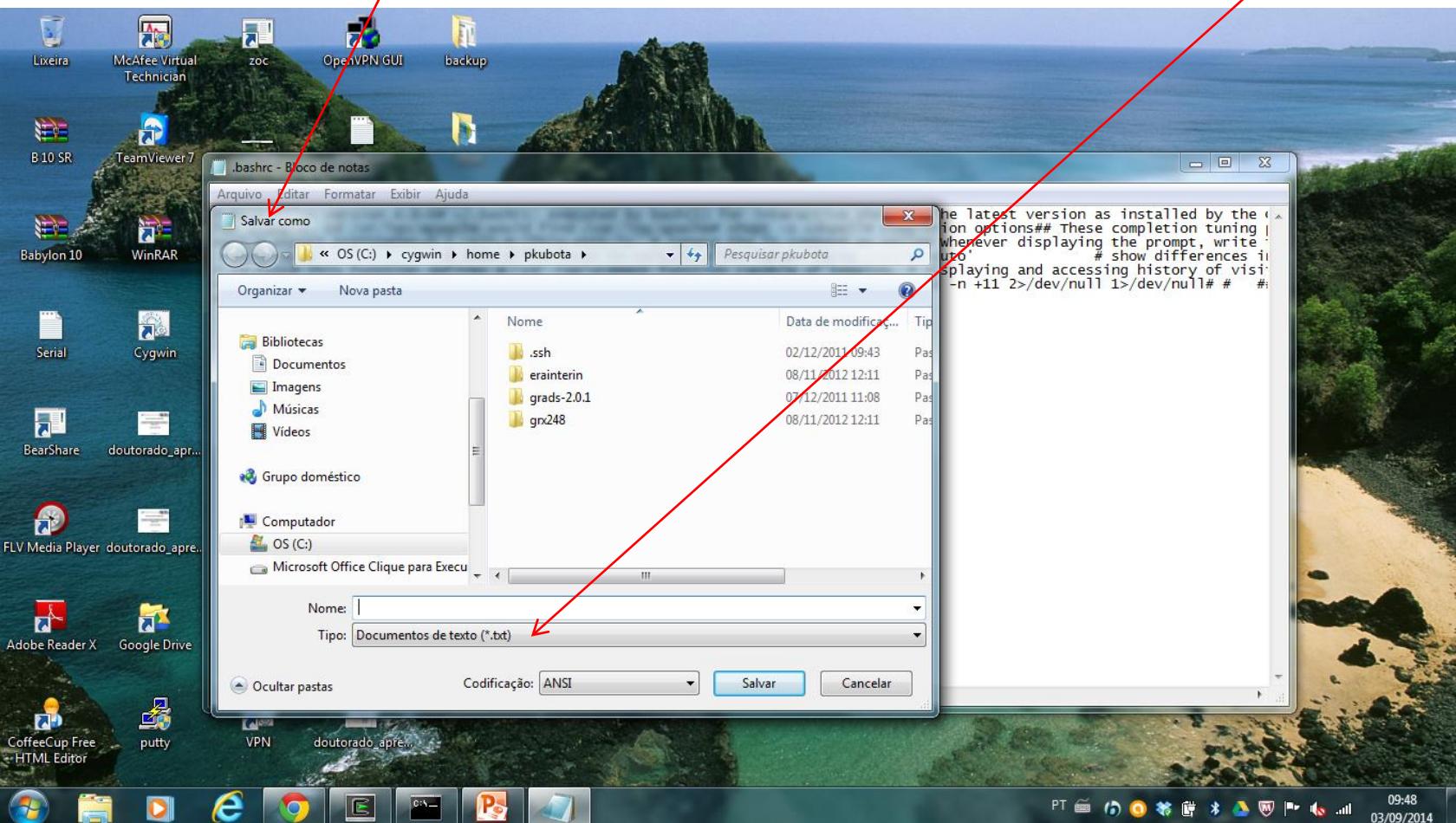
Após colocar a expressão
indicado. Click no menu
Arquivo

Em seguida. Click no menu
salvar



Após o click no menu **salvar**.
Irá aparecer a seguinte **caixa**

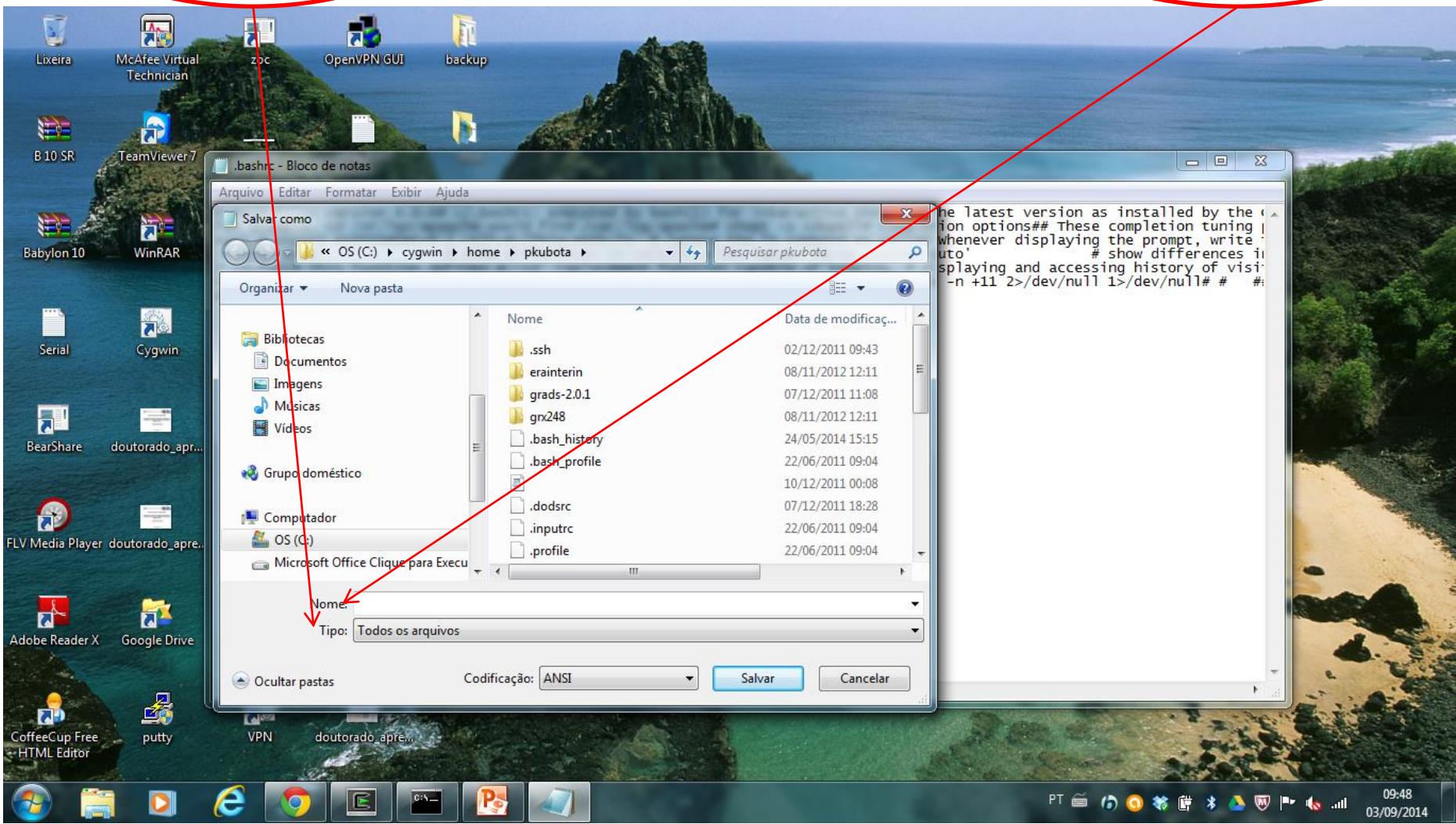
Veja que a caixa aparece co a
opção Documento de
texto(*.txt) . Esta opção não
serve mude para opção
todos os arquivos



O menu tipo mudará para **todos os arquivos**

Letras em minúsculo

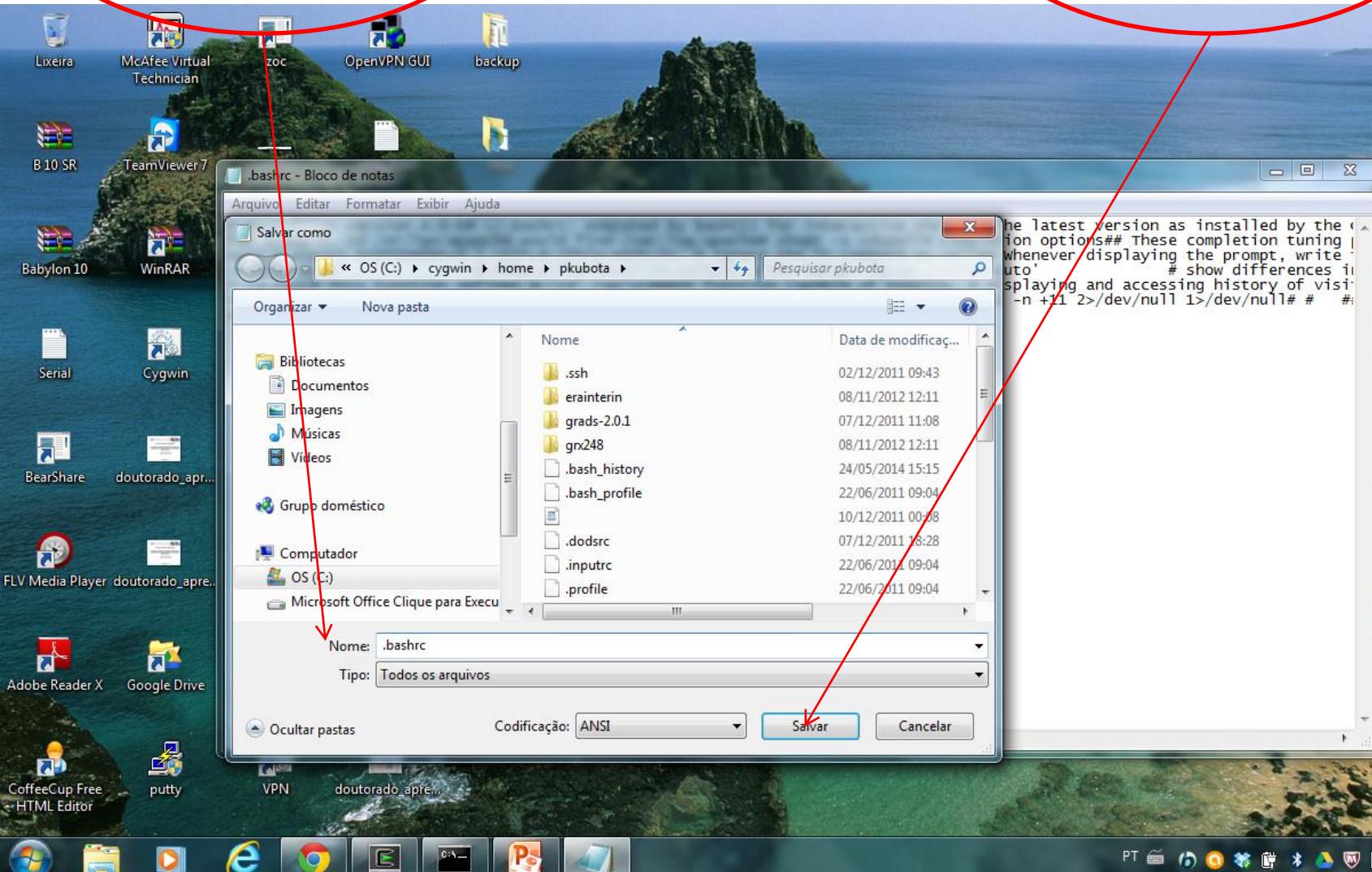
O menu **nome** digite o nome do arquivo de configuração, que deve ser **.bashrc**



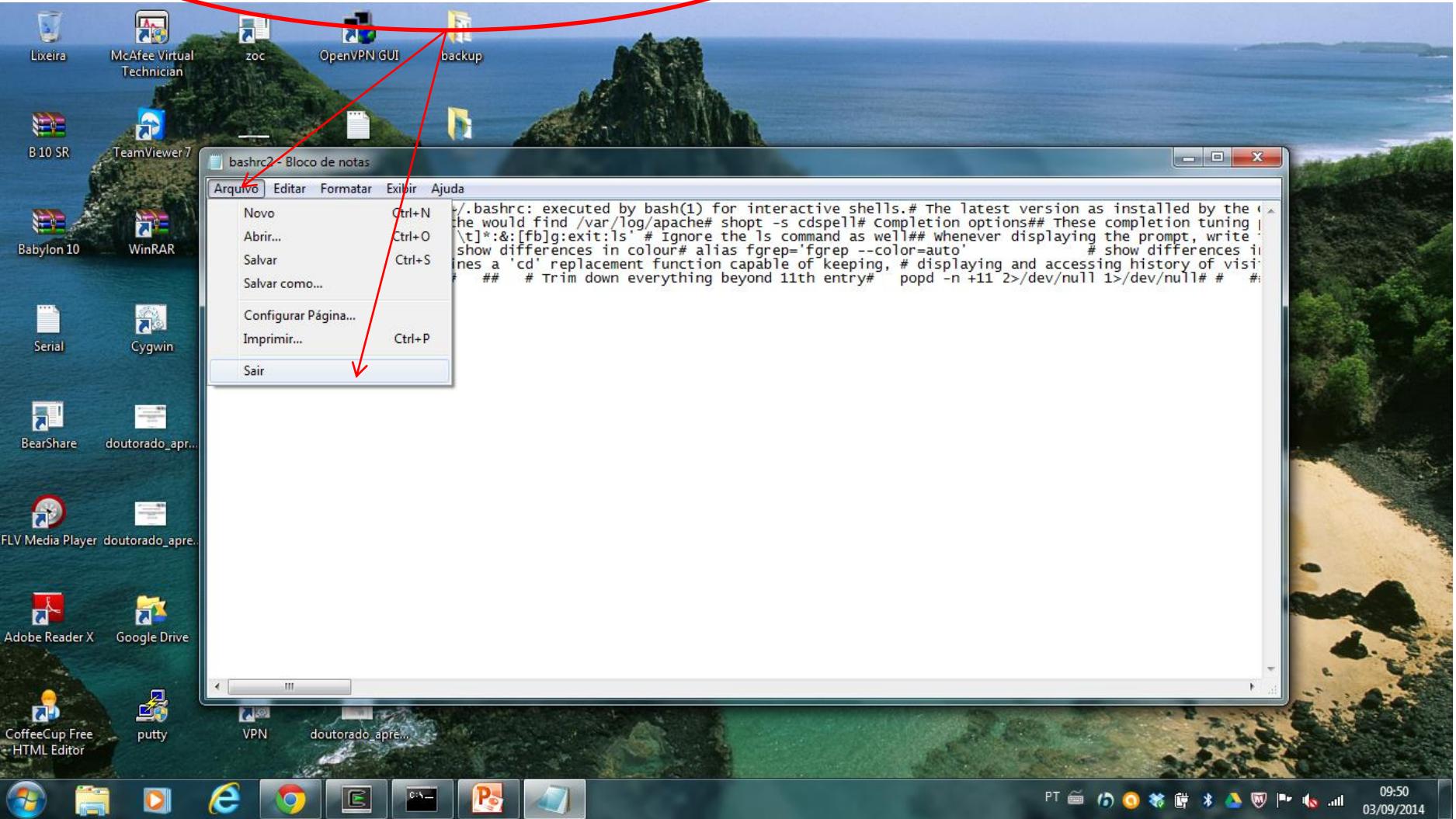
Após digitar o nome
do arquivo de
configuração
(.bashrc) no menu

Name

Click no menu salvar



Após salvar o arquivo click no menu arquivos e fecho o bloco de notas clicando no menu sair



**Fim da Configuração do
CYGWIN**

Instalação da Interface
Gráfica para a visualização
de gráfica e outra
funcionalidades que exigem
esta interface

<http://sourceforge.net/projects/xming/>

Um
Click

sourceforge.net/projects/xming/

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X Xming X Server for Windows

X Window System Server for Windows
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clickmart LUMINARIA LED SOLAR DE JARDIM 6X R\$ 11,65

New Version Available Now!

- Supports FTP, FTP over SSL/TLS, and SSH FTP
- IPv6 support
- Supports resume and transfer of large files >4GB
- HTTP/1.1, SOCKS5 and FTP-Proxy support

Available on the following platforms:

sourceforge.net/projects/xming/files/latest/download

PT PT 15:17 02/09/2014

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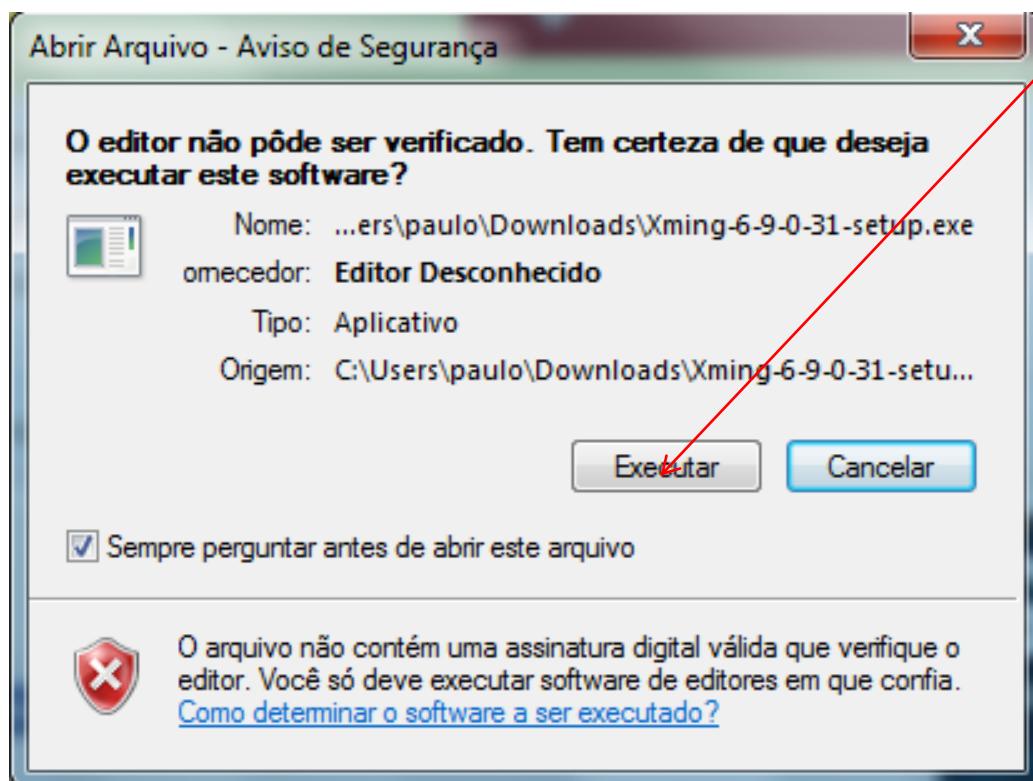
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Reparar os erros do Windows
Recomendamos que execute a aplicação de Análise de Erros do Windows.
Corrija os erros do seu Windows. Faça com que o seu PC funcione como quando novo
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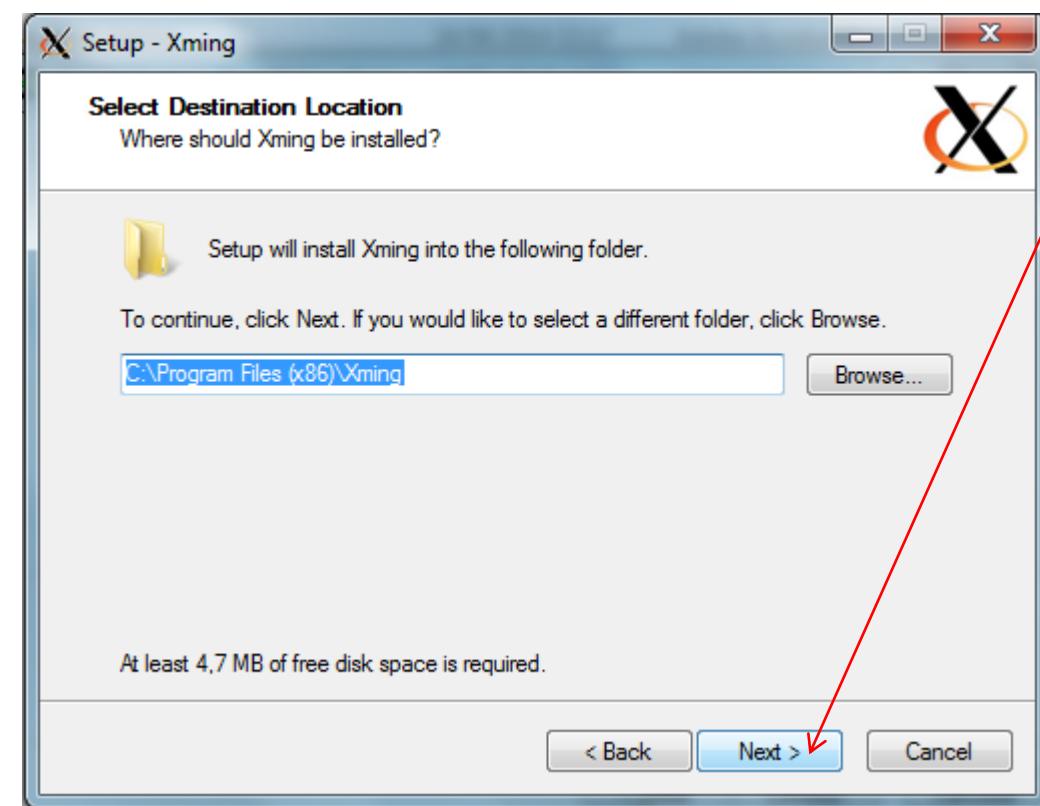
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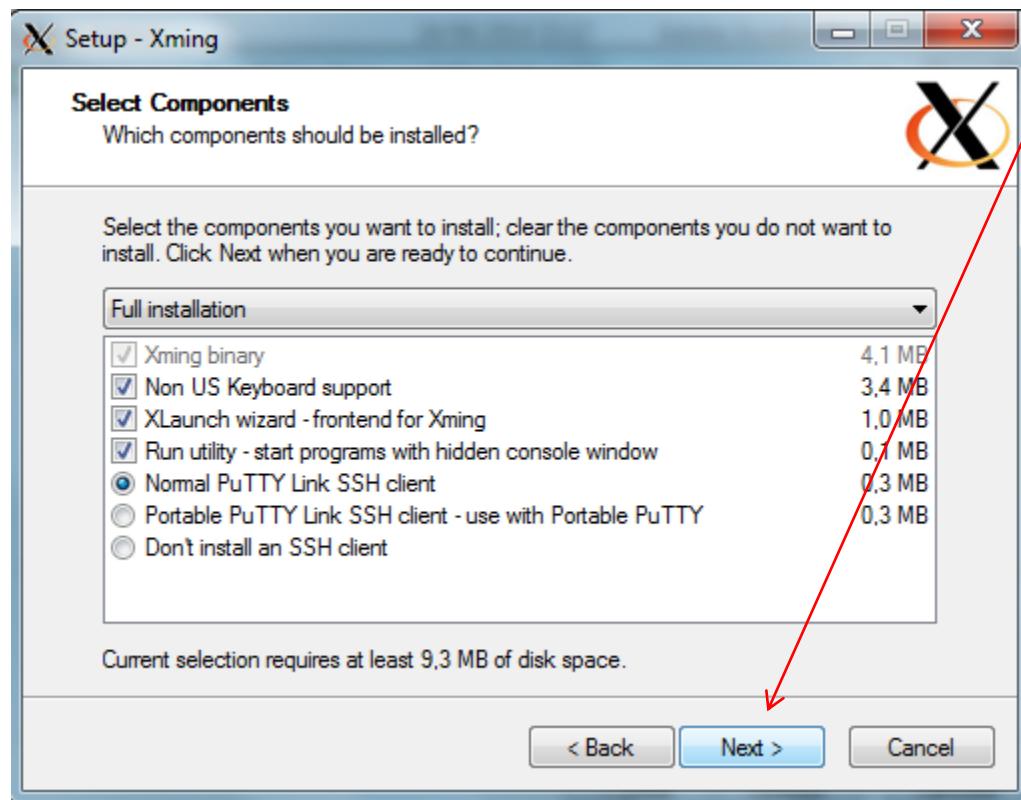
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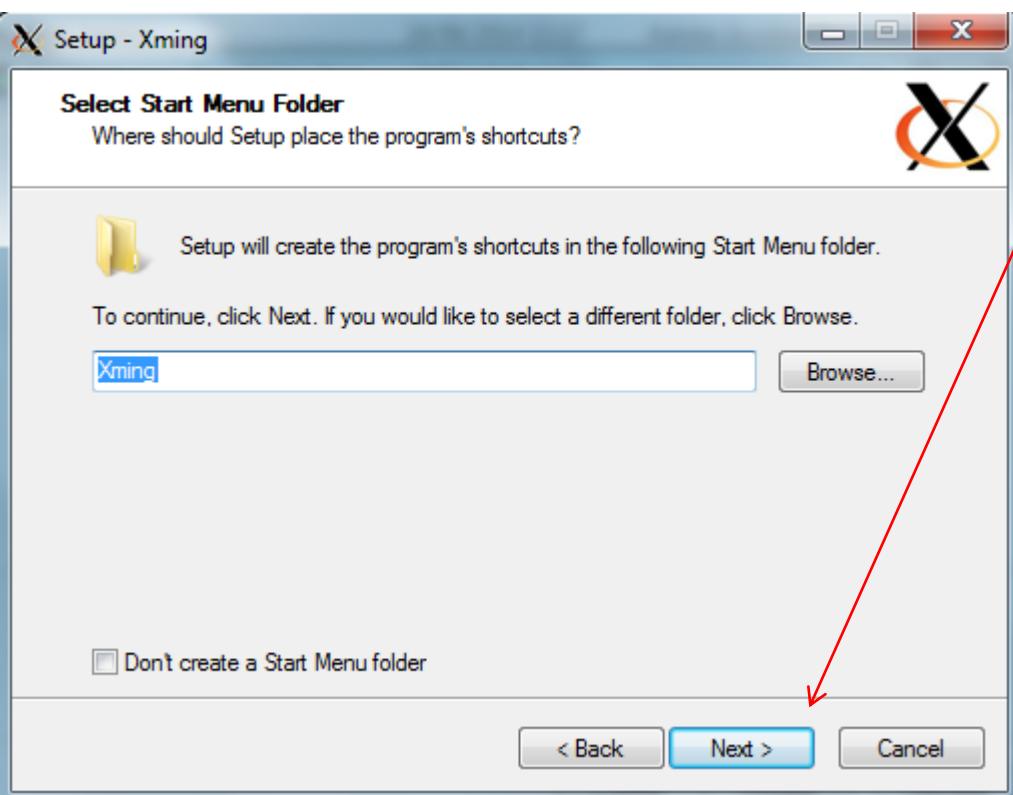
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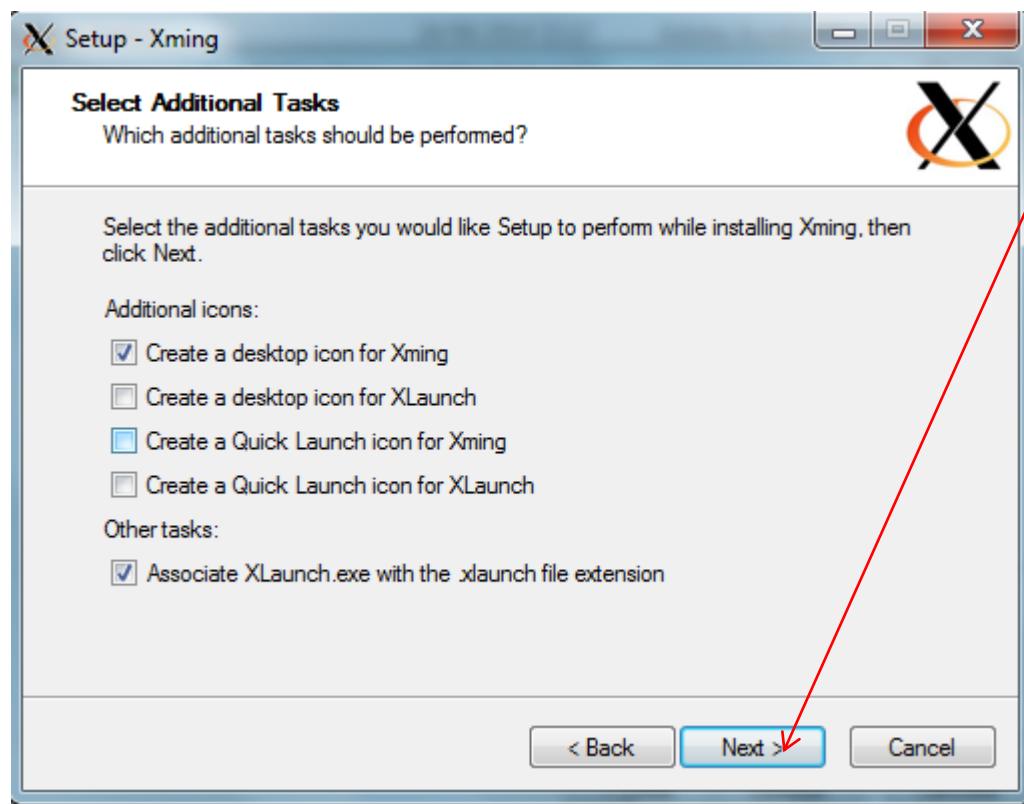
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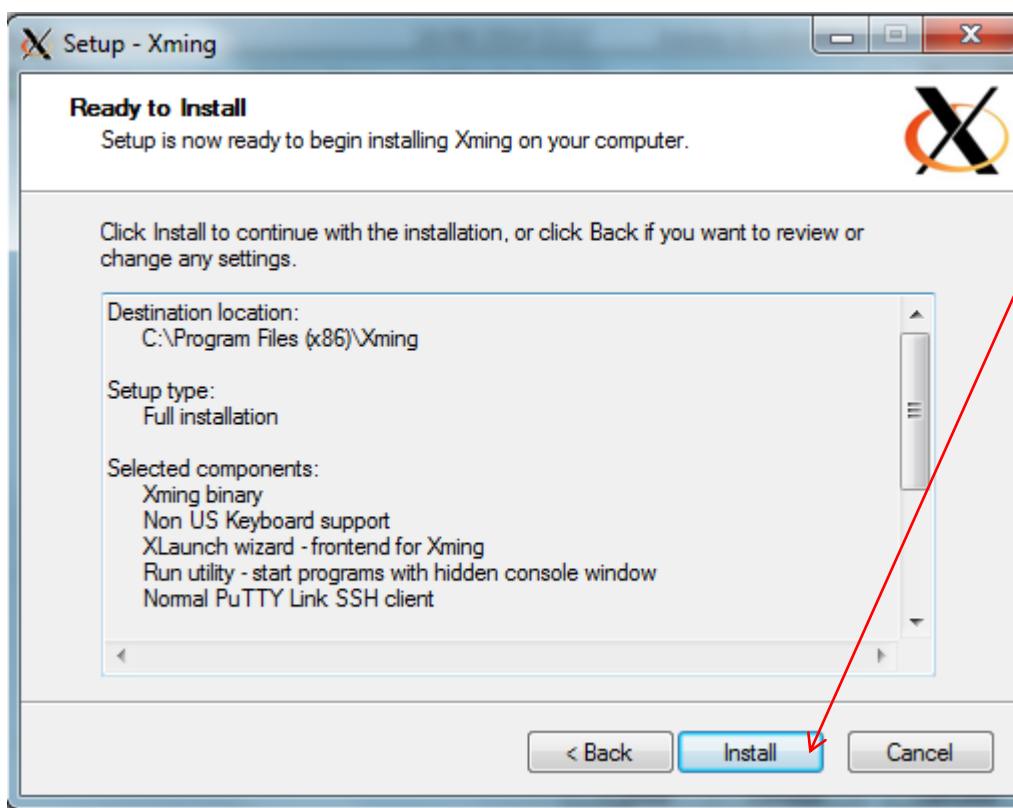
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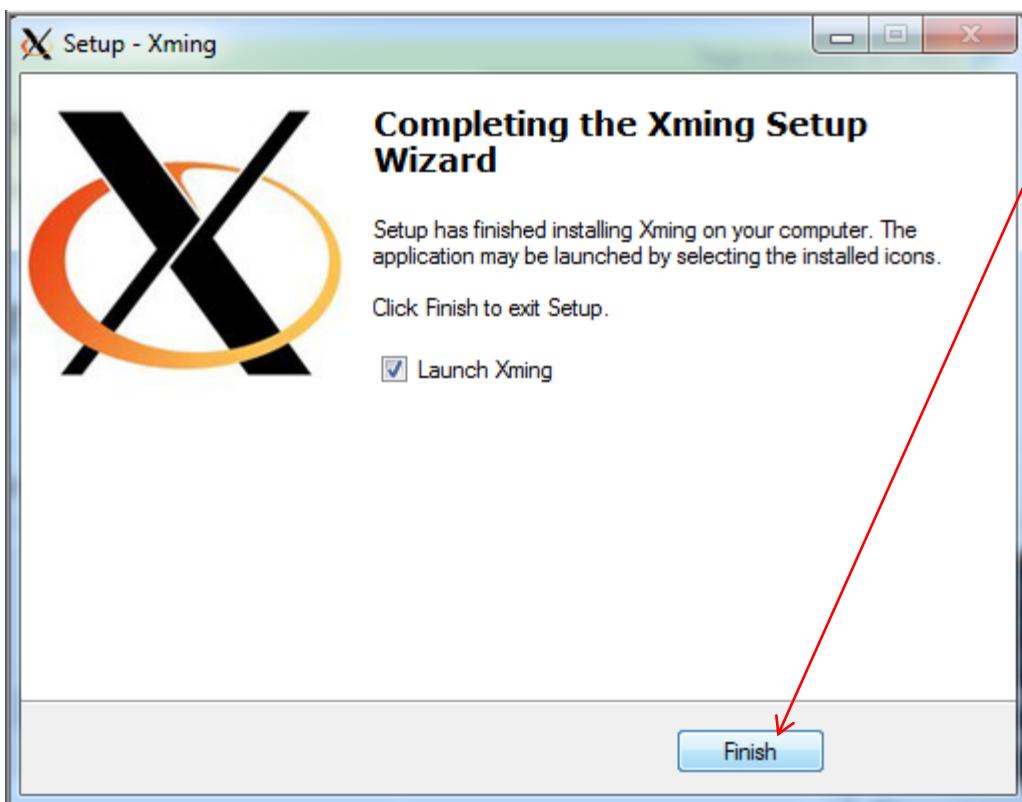
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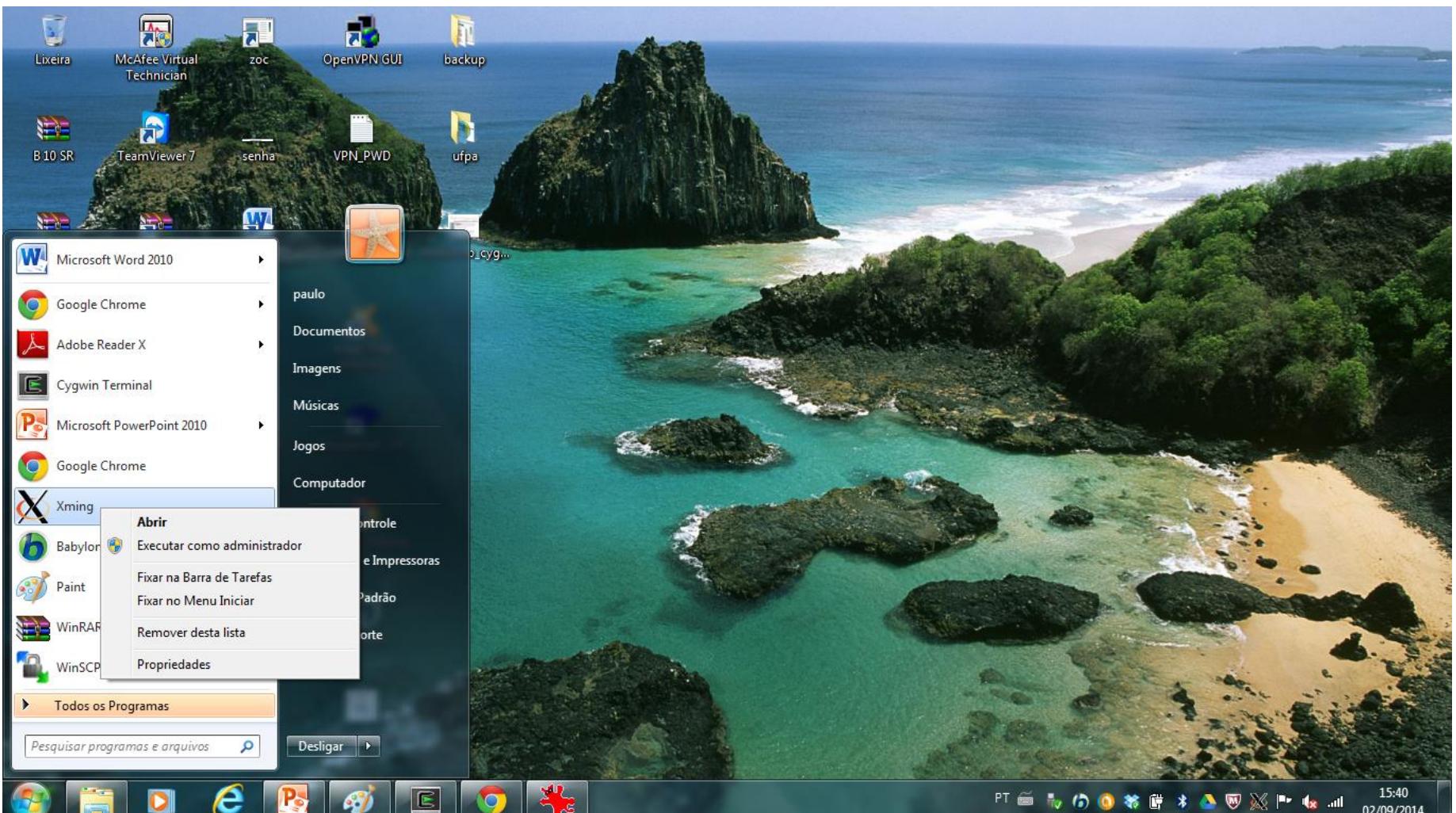


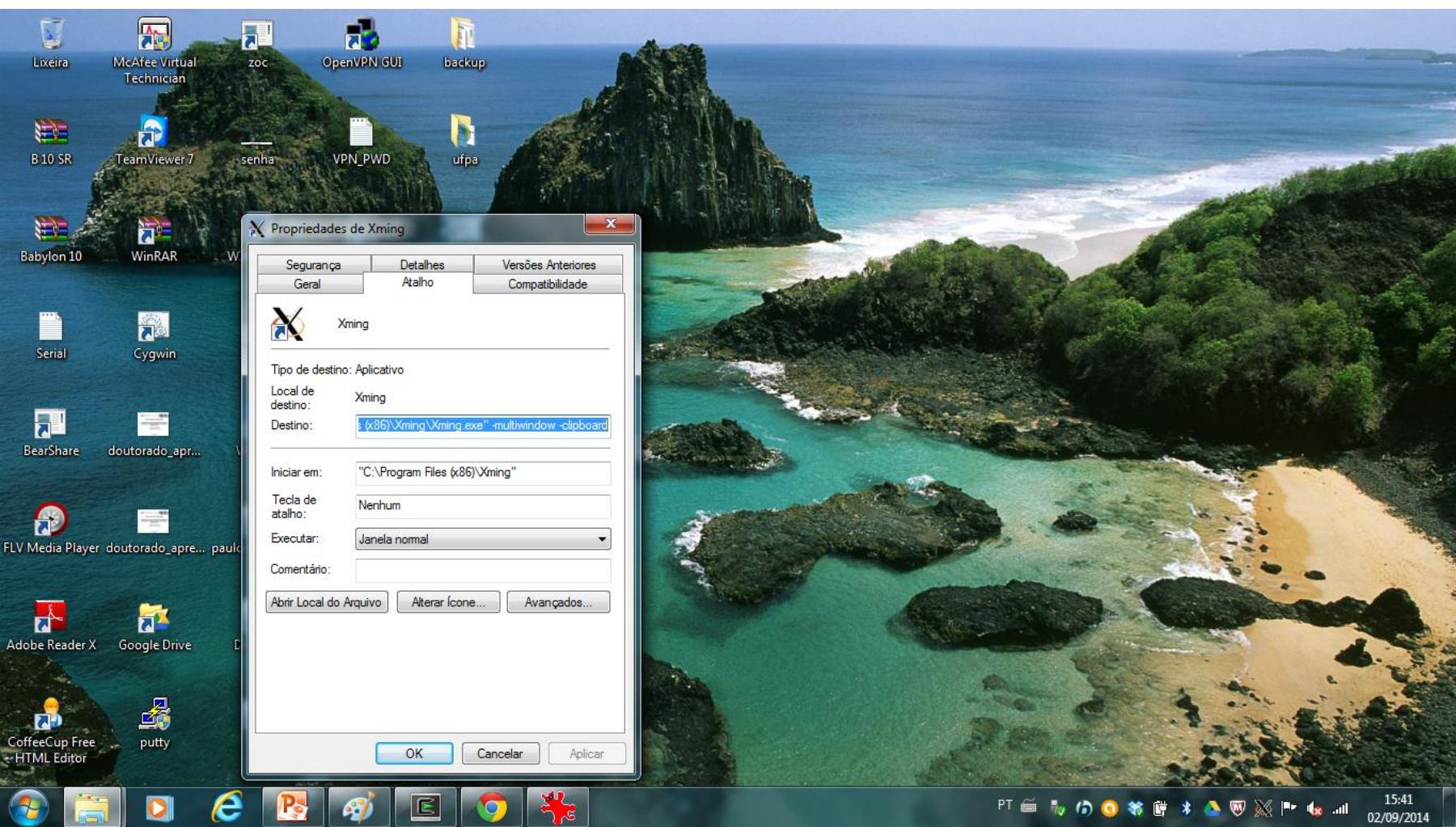
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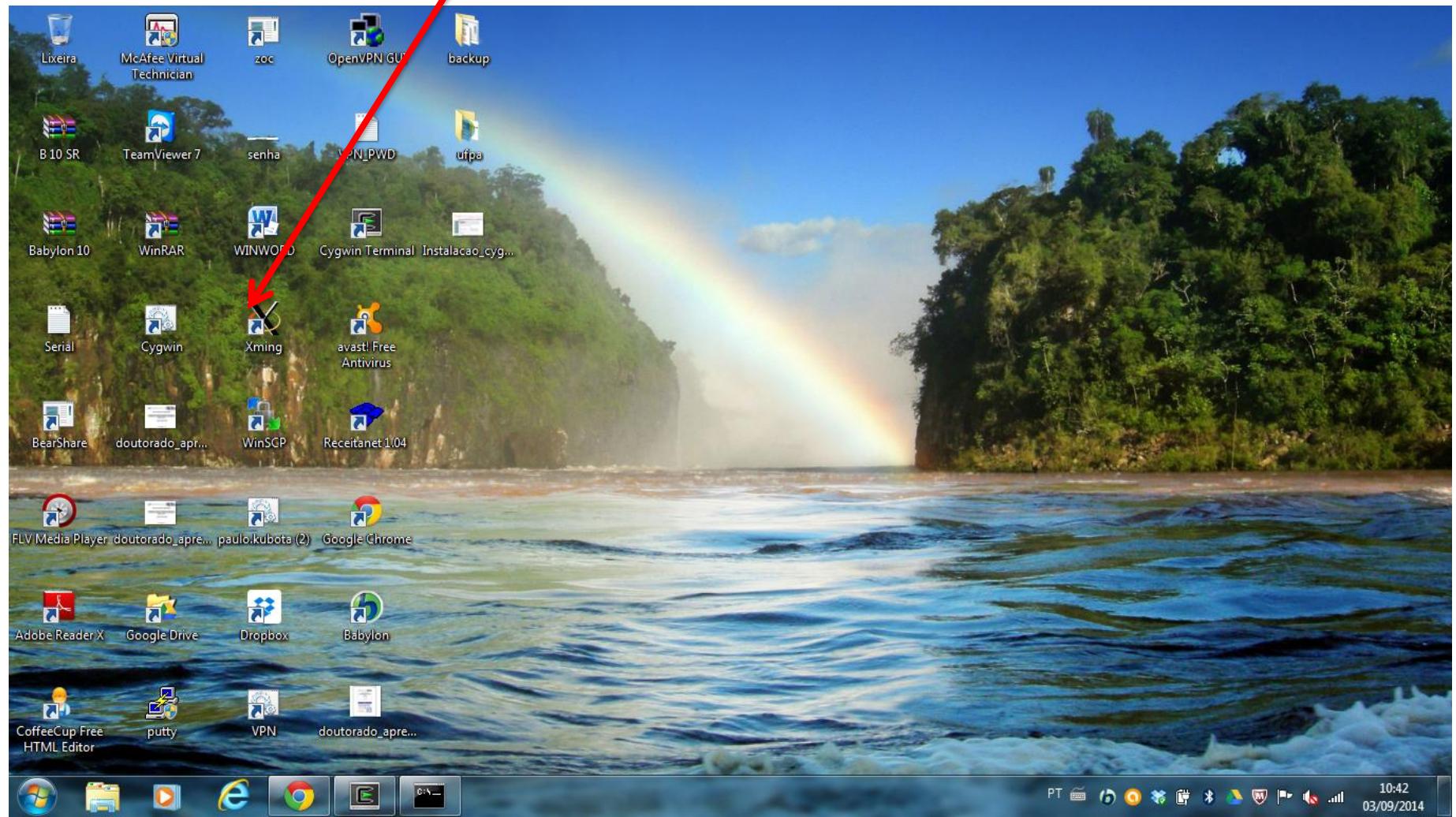




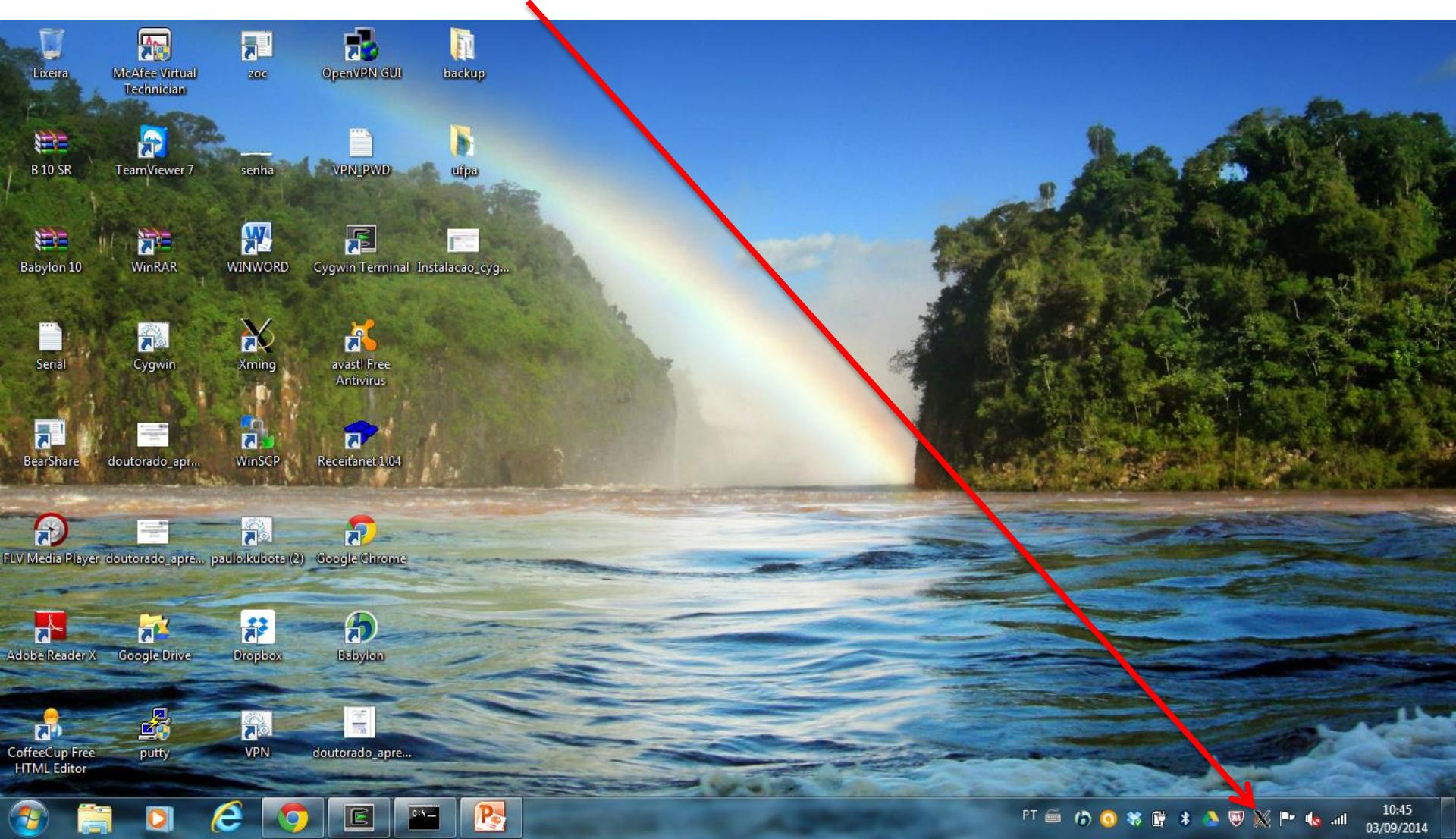


Modo de Usar o Cygwin

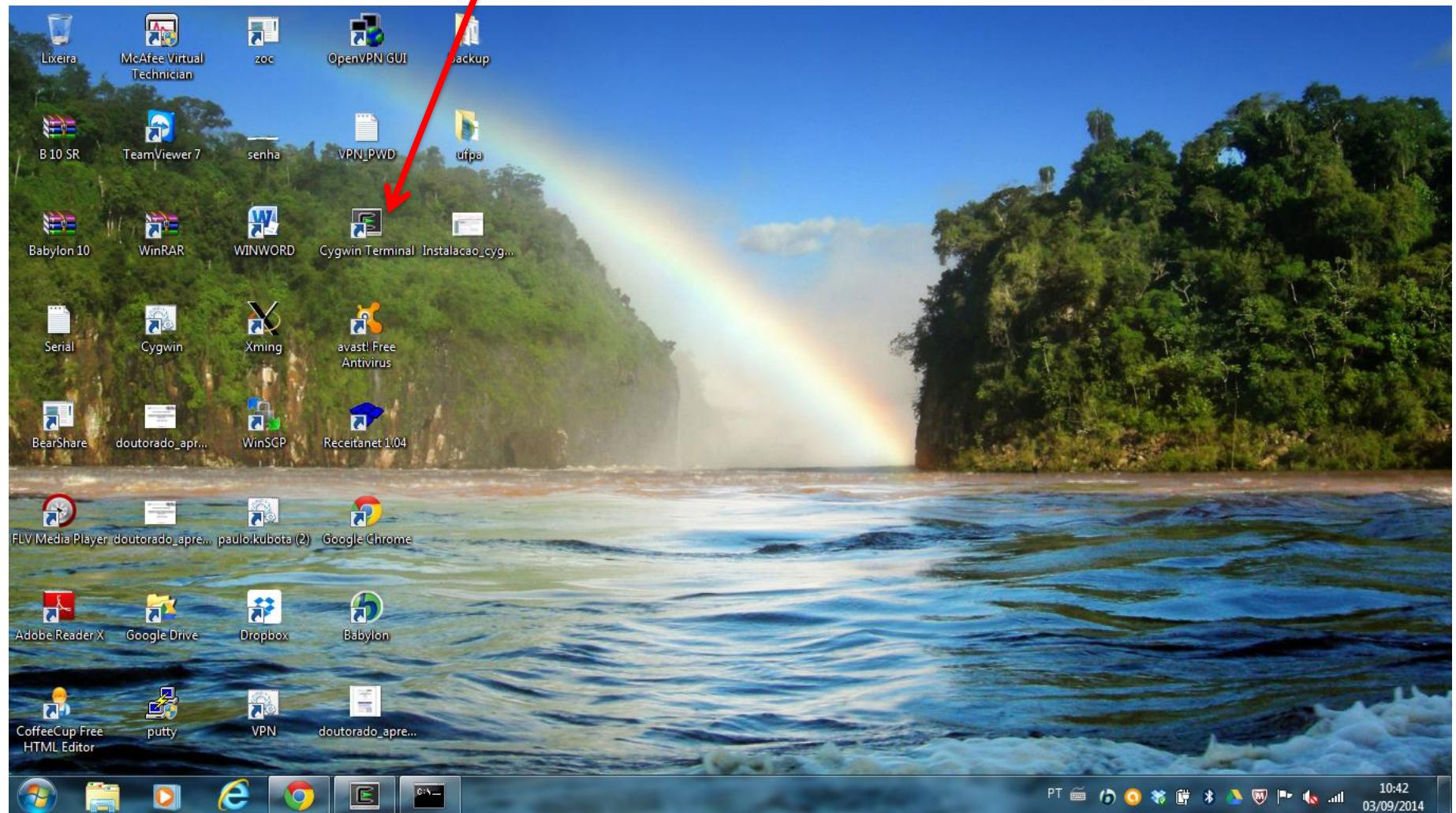
Ative primeiro o Xming com um double click



Após o double click o Xming
aparecerá no menu dos
software ativos



Ative o Cygwin terminal com um double click



Após o double click o Cygwin aparecerá um terminal onde serão feitos os programas em Fortran e grads



```
$ ls
grads
grads-2.0.1-i686-pc-cygwin.tar.gz
grads-2.0.1-i686-pc-cygwin-dlls.tar.gz

paulo@pkubota-PC /cygdrive/e/grads
$
```

Descompactar grads-2.0.1-i686-pc-cygwin.tar.gz : que é o pacote com os executáveis do grads

tar -zxvf grads-2.0.1-i686-pc-cygwin.tar.gz

Depois copiar para o diretório /bin do cygwin

Descompactar grads-2.0.1-i686-pc-cygwin-dlls.tar.gz : que é o pacote com os lib grafica do grads

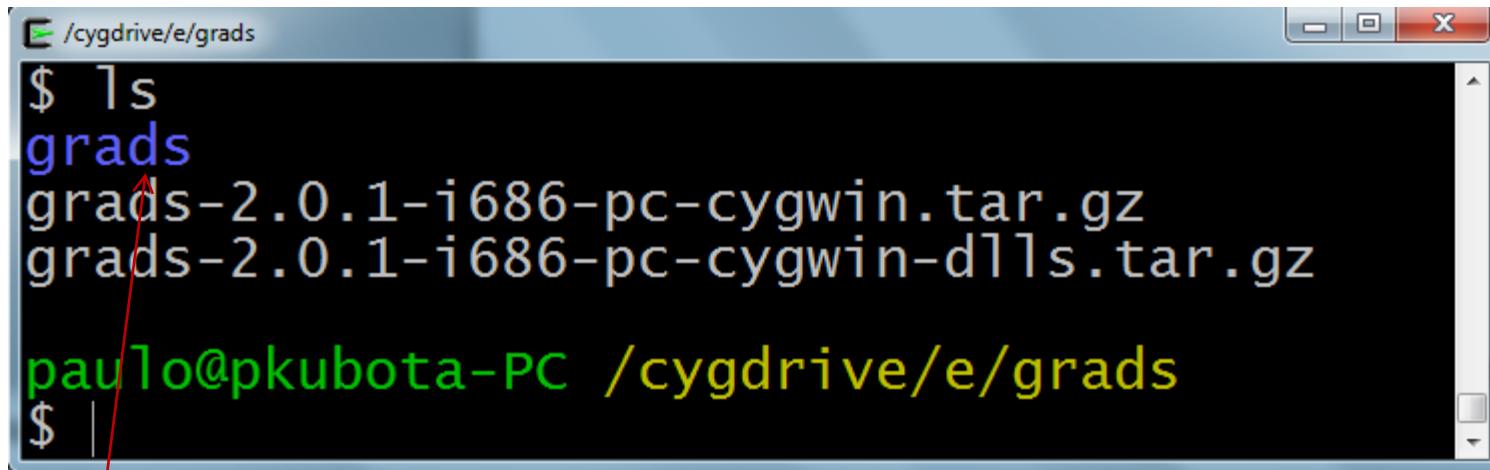
tar -zxvf grads-2.0.1-i686-pc-cygwin-dlls.tar.gz

Depois copiar para os dll que faltam para /bin no cygwin

```
$ tar -ztvf grads-2.0.1-i686-pc-cygwin-dlls.tar.gz
drwxr-xr-x jhudd/None          0 2011-10-01 08:18 usr/
drwxr-xr-x jhudd/None          0 2011-10-01 08:20 usr/bin/
-rwxr-xr-x jhudd/None        44558 2011-10-01 08:20 usr/bin/cyggcc_s-1.dll
-rwxr-xr-x jhudd/None        74766 2011-10-01 08:20 usr/bin/cygICE-6.dll
-rwxr-xr-x jhudd/None        28686 2011-10-01 08:20 usr/bin/cygSM-6.dll
-rwxr-xr-x jhudd/None      789006 2011-10-01 08:20 usr/bin/cygstdc++-6.dll
-rwxr-xr-x jhudd/None       15886 2011-10-01 08:20 usr/bin/cyguuid-1.dll
-rwxr-xr-x jhudd/None    2666500 2011-10-01 08:20 usr/bin/cygwin1.dll
-rwxr-xr-x jhudd/None   1064462 2011-10-01 08:20 usr/bin/cygX11-6.dll
-rwxr-xr-x jhudd/None       10766 2011-10-01 08:20 usr/bin/cygXau-6.dll
-rwxr-xr-x jhudd/None      343566 2011-10-01 08:20 usr/bin/cygXaw-7.dll
-rwxr-xr-x jhudd/None       78350 2011-10-01 08:20 usr/bin/cygxcb-1.dll
-rwxr-xr-x jhudd/None      17422 2011-10-01 08:20 usr/bin/cygxdmcp-6.dll
-rwxr-xr-x jhudd/None      53262 2011-10-01 08:20 usr/bin/cygXext-6.dll
-rwxr-xr-x jhudd/None      76814 2011-10-01 08:20 usr/bin/cygXmu-6.dll
-rwxr-xr-x jhudd/None      54286 2011-10-01 08:20 usr/bin/cygXpm-4.dll
-rwxr-xr-x jhudd/None     285198 2011-10-01 08:20 usr/bin/cygxt-6.dll
```

paulo@pkubota-PC /cygdrive/e/grads

\$ |



```
$ ls
grads
grads-2.0.1-i686-pc-cygwin.tar.gz
grads-2.0.1-i686-pc-cygwin-dlls.tar.gz

paulo@pkubota-PC /cygdrive/e/grads
$
```

Copiar o diretorio cp -rf /cygwin/e/grads/grads /usr/local/lib/

Configurar o .bashrc

Editar o .bashrc e colocar após a ultima linha o seguinte comando

export GASCRP=/usr/local/lib/grads/lib