

Como instalar o ambiente
cygwin e o terminal gráfico
X11 num PC com Windows

1º descarregar o ficheiro `setup-x86_64.exe`
do endereço www.cygwin.com

2º executar o programa e seguir os passos:



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

**Select Root Install Directory**

Select the directory where you want to install Cygwin. Also choose a few installation parameters.

Root Directory

C:\cygwin64

Browse...

Install For

☒ All Users (RECOMMENDED)

Cygwin will be available to all users of the system.

☐ Just Me

Cygwin will still be available to all users, but Desktop Icons, Cygwin Menu Entries, and important Installer information are only available to the current user. Only select this if you lack Administrator privileges or if you have specific needs.

< Anterior

Seguinte >

Cancelar



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**Select Local Package Directory**

Select a directory where you want Setup to store the installation files it downloads. The directory will be created if it does not already exist.

Local Package Directory

C:\cygwin

Browse...

< Anterior

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Cancelar



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**Select Your Internet Connection**

Setup needs to know how you want it to connect to the internet. Choose the appropriate settings below.

☐ Use System Proxy Settings

☒ Direct Connection

☐ Use HTTP/FTP Proxy:

Proxy Host

Port

80

< Anterior

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Cancelar



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**Choose A Download Site**

Choose a site from this list, or add your own sites to the list

Available Download Sites:

https://cygwin.mbwarez.dk
ftp://ftp.funet.fi
https://mirrors.filigrane-technologie.fr
ftp://ftp.ntua.gr
ftp://ftp.fsn.hu
http://ftp.fsn.hu
https://ftp.fsn.hu
http://mirror.isoc.org.il
https://mirror.isoc.org.il
http://sourceware.mirror.garr.it
https://sourceware.mirror.garr.it
ftp://ftp.jaist.ac.jp
http://ftp.jaist.ac.jp
https://ftp.jaist.ac.jp
ftp://ftp.yz.yamagata-u.ac.jp
http://ftp.yz.yamagata-u.ac.jp
https://ftp.yz.yamagata-u.ac.jp
ftp://ftp.ijj.ad.jp
http://ftp.ijj.ad.jp
https://ftp.ijj.ad.jp
ftp://ftp.snt.utwente.nl
http://ftp.snt.utwente.nl
https://ftp.snt.utwente.nl
http://mirror.terahost.no
https://mirror.terahost.no
ftp://cygwin.uib.no
http://cygwin.uib.no
https://cygwin.uib.no
http://cygwin.viem-it.no
https://cygwin.viem-it.no
ftp://ucmirror.canterbury.ac.nz
http://ucmirror.canterbury.ac.nz
ftp://mirror.rise.ph
http://mirror.rise.ph
ftp://sunsite.icm.edu.pl
ftp://ftp.eq.uc.pt
http://ftp.eq.uc.pt
https://ftp.eq.uc.pt
ftp://ftp.ml.tecnico.ulisboa.pt
http://ftp.ml.tecnico.ulisboa.pt

User URL:

Add

< Anterior

Seguinte >

Cancelar



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Chegados a este nível é necessário escolher os pacotes que nos interessam e que foram indicados em mensagem anterior. Para escolher um pacote pressionar a seta com o rato e escolher a versão mais recente do pacote.

Cygwin Setup - Select Packages

Select Packages
Select packages to install

View Full Search Clear

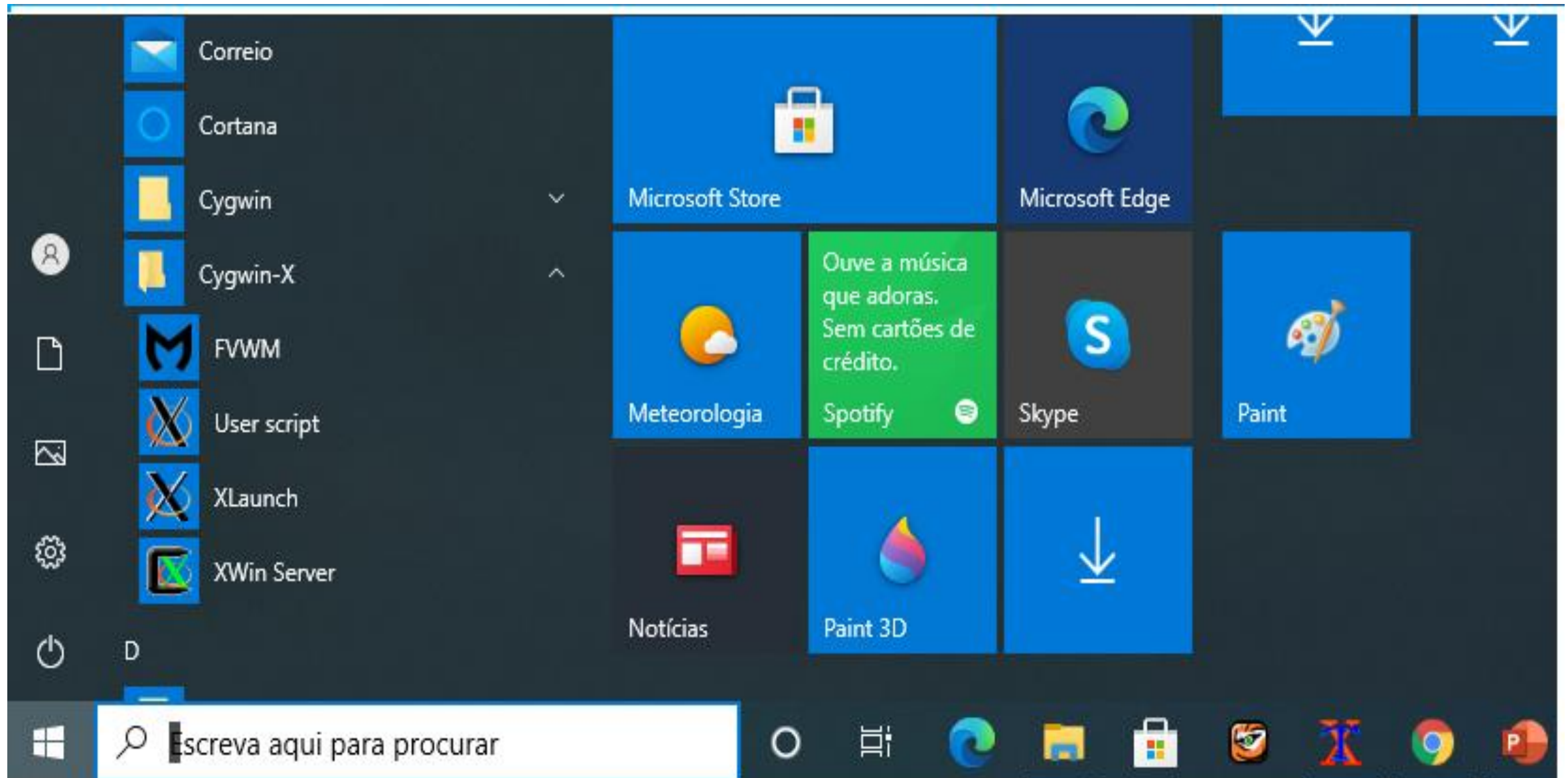
Keep Best Sync Test

Package	Current	New	Src?	Categories	Size	Description
focuswriter		Skip		Editors	5,921k	Qt fullscreen text editor
focuswriter-debuginfo		Skip		Debug	7,212k	Debug info for focuswriter
folks		Skip		Libs	178k	GNOME metacontact aggregation library
folks-debuginfo		Skip		Debug	1,672k	Debug info for folks
font-tektronix-misc		Skip		X11	9k	Tektronix terminal emulator fonts
font-util		Skip		X11	35k	X.Org font utilities and font maps
font-util-debuginfo		Skip		Debug	60k	Debug info for font-util
fontawesome-fonts		Skip		X11	99k	Font of scalable vector icons
fontconfig		Skip		X11	23k	Font configuration utilities
fontconfig-debuginfo		Skip		Debug	463k	Debug info for fontconfig
fontconfig-doc		Skip		Doc	662k	Font configuration library (API documentation)
fontforge		Skip		Graphics	1,229k	Font creation, editing, and conversion utility
fontforge-common		Skip		Graphics	2,143k	Font creation, editing, and conversion (common files)
fontforge-debuginfo		Skip		Debug	8,783k	Debug info for fontforge
fontforge-doc		Skip		Graphics	3,573k	Font creation, editing, and conversion (doc)
fonttosfnt		Skip		X11	28k	Wraps X bitmap fonts in TTF/OTF wrapper
fonttosfnt-debuginfo		Skip		Debug	85k	Debug info for fonttosfnt
foobillard		Skip		Games	976k	OpenGL billard game
foobillard-debuginfo		Skip		Debug	258k	Debug info for foobillard
fort77		Skip			6k	Fortran 77 compiler frontend
fortune-mod		Skip			06k	A program which will display a fortune
fossil		Skip			77k	DVCS with built-in wiki, http server and issue tracker
four-in-a-row		Skip			18k	GNOME Four-in-a-Row game
four-in-a-row-debuginfo		Skip			22k	Debug info for four-in-a-row
fpack		Skip			24k	FITS image compression programs
free42		Skip			17k	HP-42S calculator simulator
free42-debuginfo		Skip			02k	Debug info for free42
freeglut-debuginfo		Skip			77k	Debug info for freeglut
freerdp	2.0.0-0.6.rc2	2.0.0-0.4.20170724git		Net	60k	Remote Desktop Protocol client

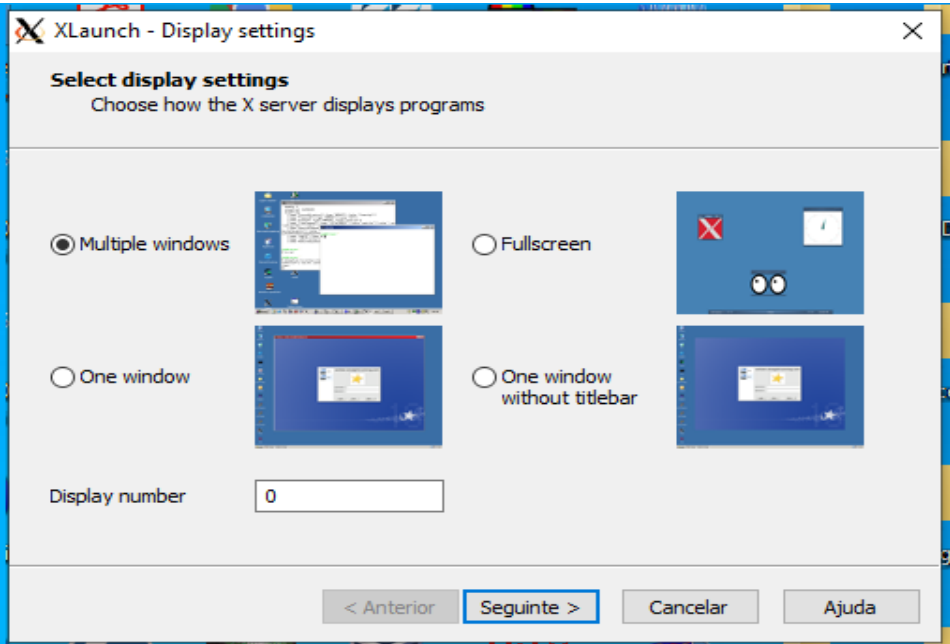
Hide obsolete packages

< Anterior Seguinte > Cancelar

Se tudo tiver corrido bem, no final da instalação deveremos ter na lista das aplicações do Windows a aplicação Xlaunch que inicia um terminal gráfico.



Iniciando a aplicação XLaunch e seguindo os passos a seguir indicados iremos configurar o terminal gráfico



Escreva aqui para procurar



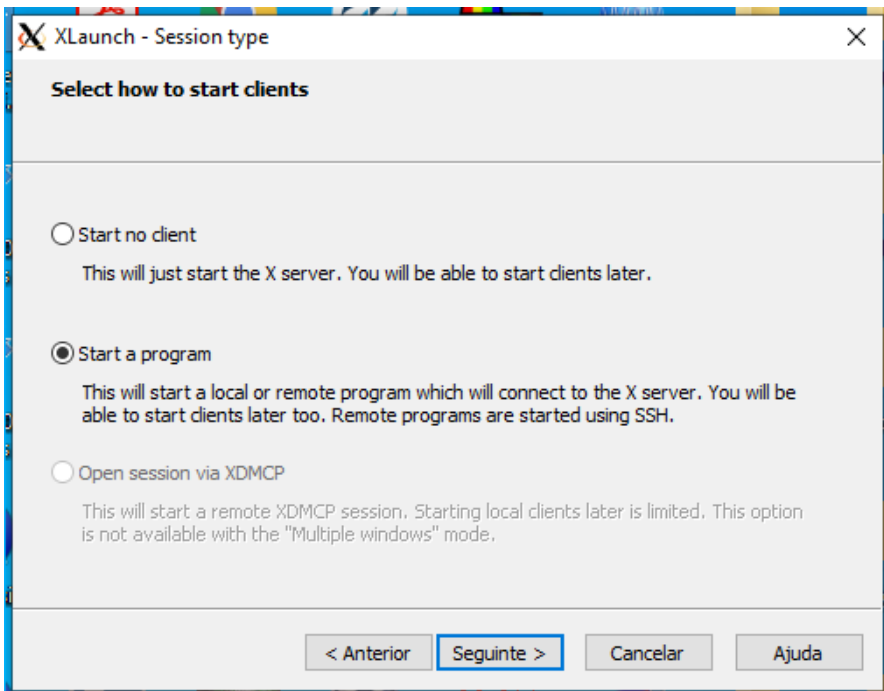
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XLaunch - Start program

Specify the program to start

☒ Start program on this computer

Local program

☐ Start program on remote computer

Connect using

Remote program

Connect to computer

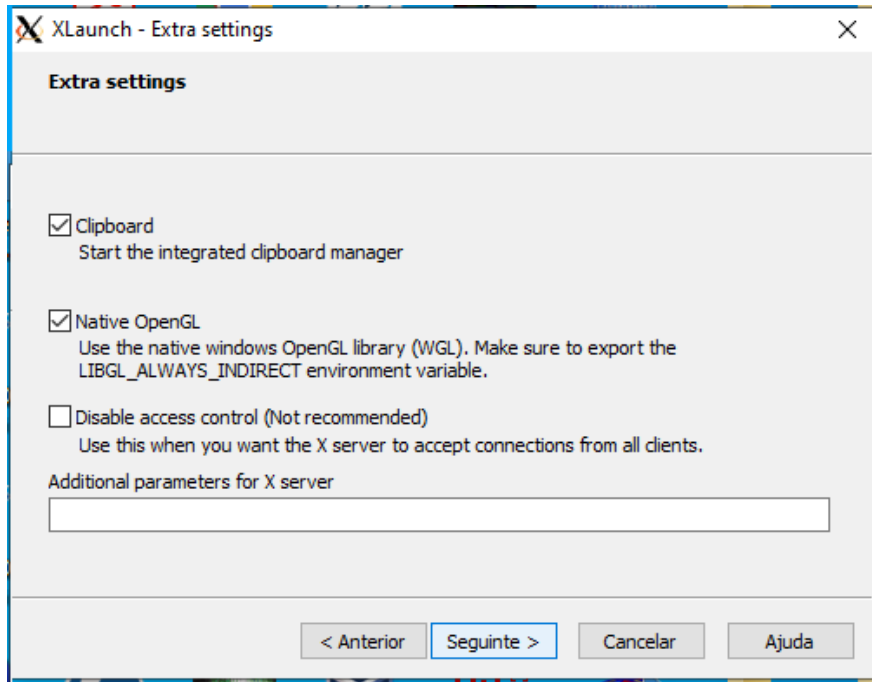
Login as user

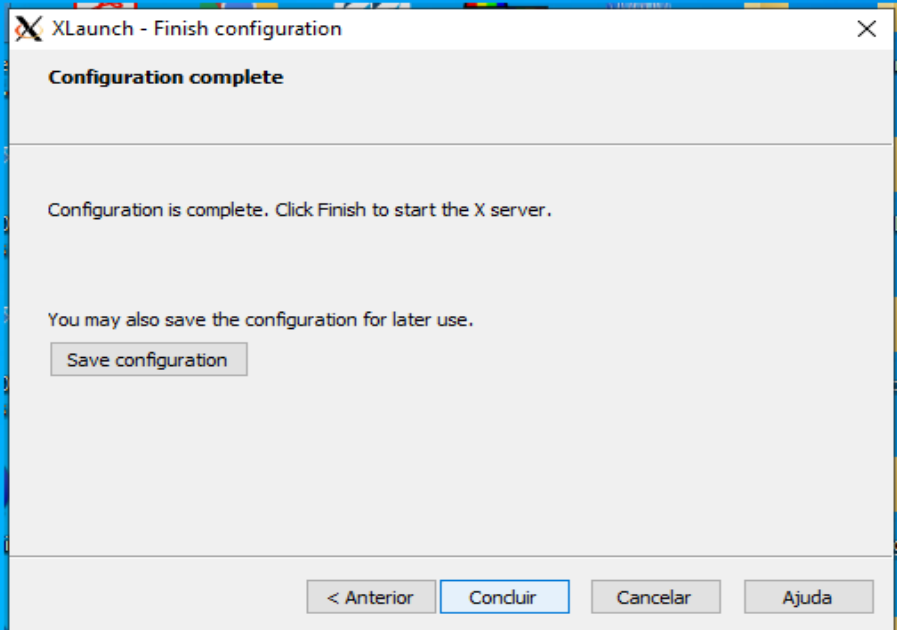
☐ Use keychain to contact ssh-agent

☒ Prompt for ssh password/passphrase

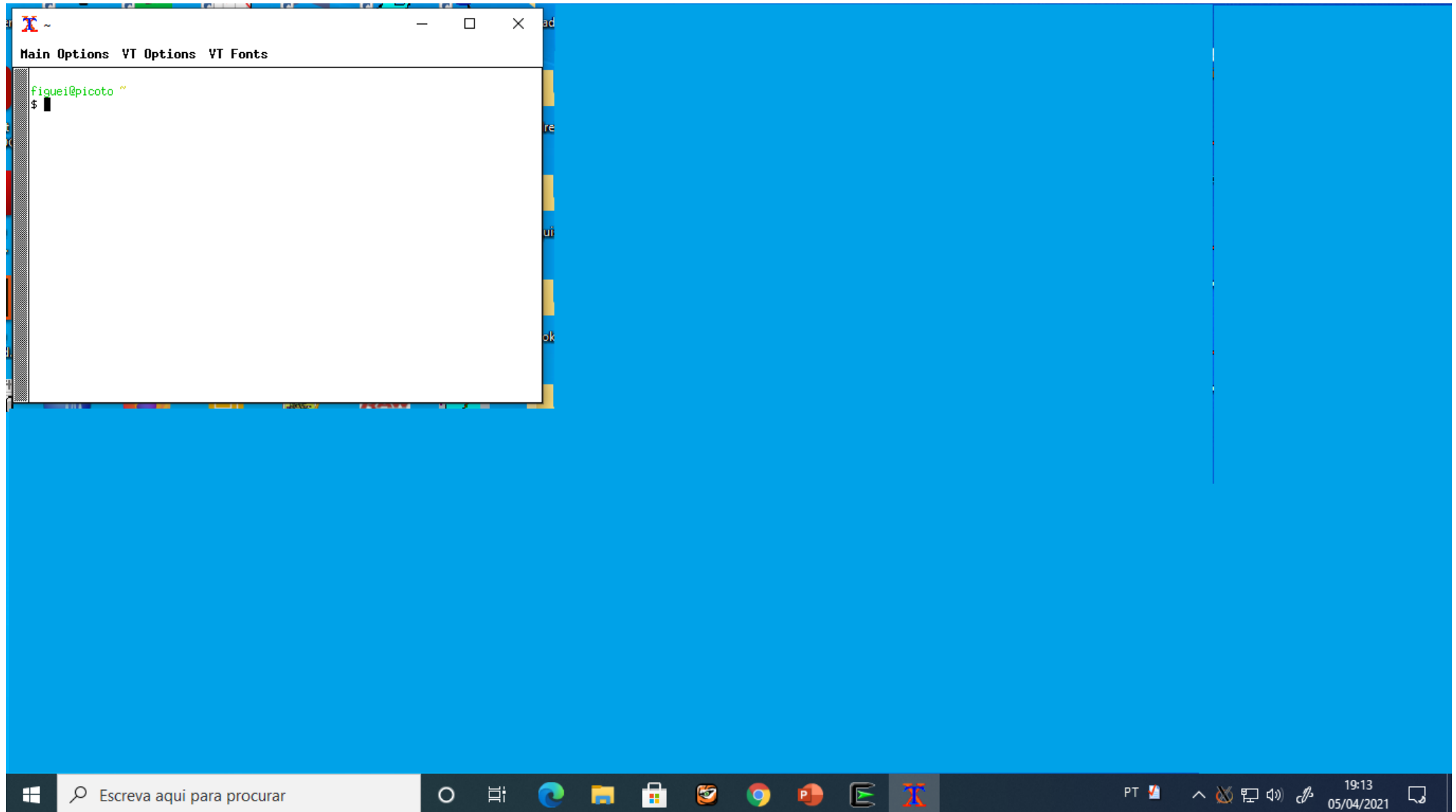
Additional parameters for ssh

< Anterior Seguinte > Cancelar Ajuda





Chegados a este ponto o terminal está configurado e pronto a funcionar, podemos introduzir o comando para aceder ao servidor..



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