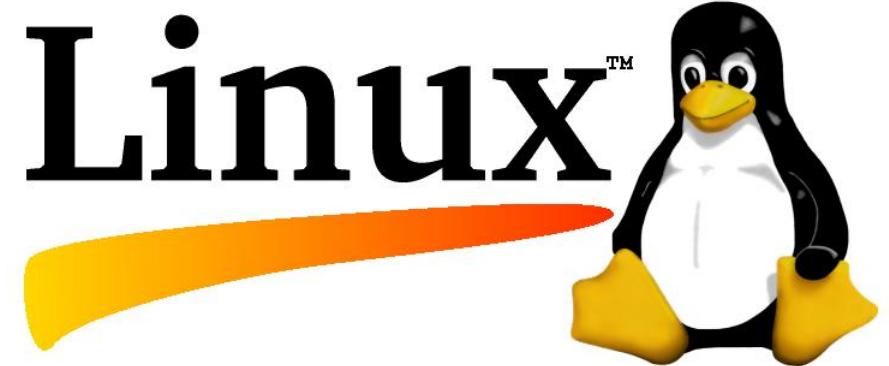


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Instalação e Configuração do Redis no Linux



Instalação e Configuração do Redis no Linux

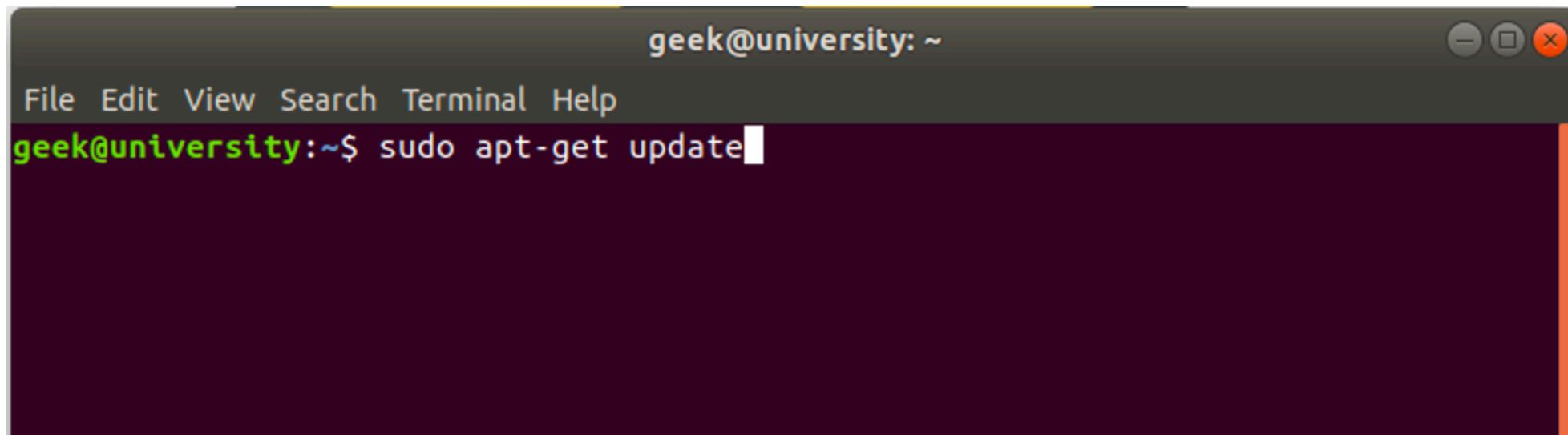
Etapa 1: Instalando e configurando o Redis



Instalação e Configuração do Redis no Linux

Passo 1: Abra o terminal e atualize a lista de pacotes dos repositórios com o comando:

sudo apt-get update

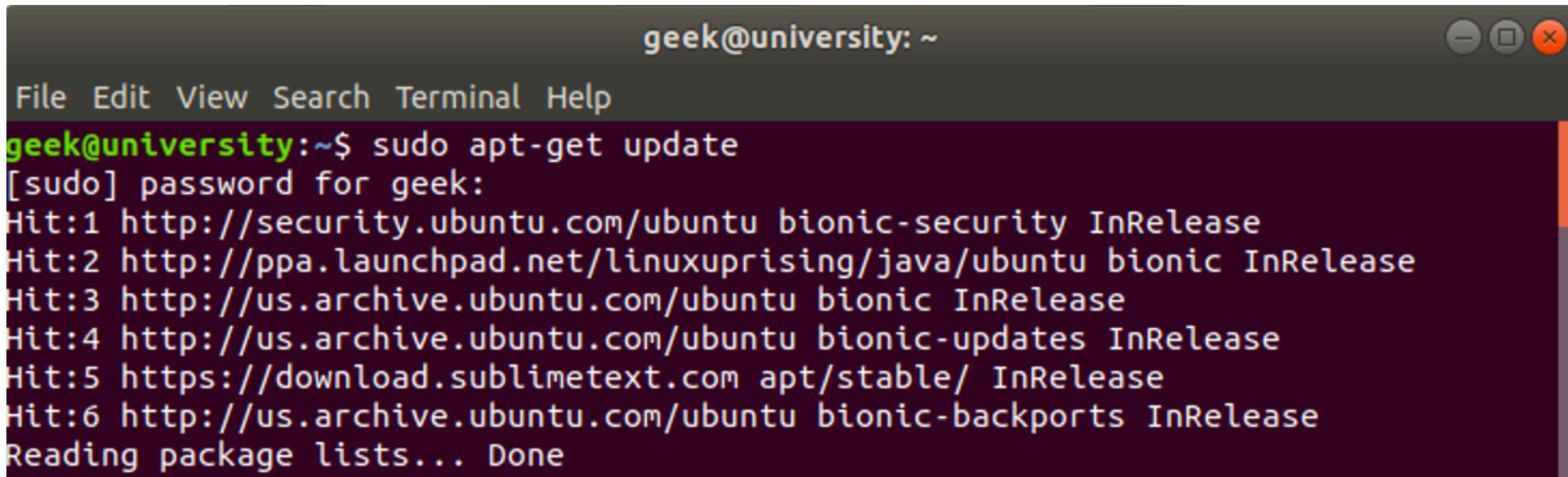


A screenshot of a terminal window titled "geek@university: ~". The window has a dark theme with a red header bar. The title bar shows the user "geek@university" and the directory "~". The menu bar includes "File", "Edit", "View", "Search", "Terminal", and "Help". Below the menu bar, the prompt "geek@university:~\$ sudo apt-get update" is visible, with the cursor at the end of the command. The terminal body is mostly empty, showing only the command line.

OBS: Caso seja solicitada, informe sua senha de usuário.

Instalação e Configuração do Redis no Linux

Passo 2: Certifique-se de que a atualização da lista de pacotes foi finalizada com sucesso.



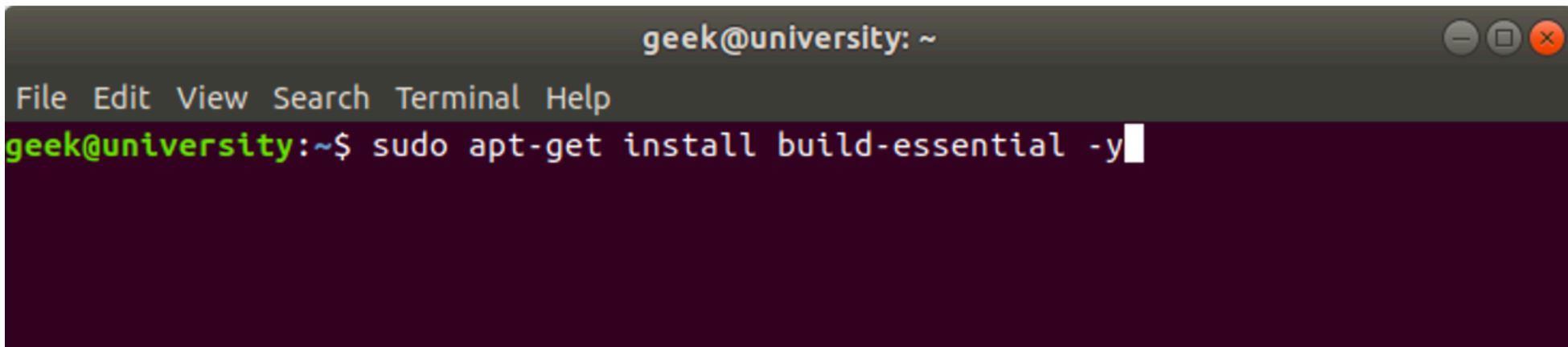
A screenshot of a terminal window titled "geek@university: ~". The window has a dark theme with a grey header bar. The title bar shows the user "geek@university" and the directory "~". The window contains a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". Below the menu is a command-line interface. The user has run the command "sudo apt-get update". The terminal prompts for a password ("[sudo] password for geek:"). The output shows several "Hit" messages indicating successful connections to various repositories, followed by "Reading package lists... Done".

```
geek@university: ~
File Edit View Search Terminal Help
geek@university:~$ sudo apt-get update
[sudo] password for geek:
Hit:1 http://security.ubuntu.com/ubuntu bionic-security InRelease
Hit:2 http://ppa.launchpad.net/linuxuprising/java/ubuntu bionic InRelease
Hit:3 http://us.archive.ubuntu.com/ubuntu bionic InRelease
Hit:4 http://us.archive.ubuntu.com/ubuntu bionic-updates InRelease
Hit:5 https://download.sublimetext.com apt/stable/ InRelease
Hit:6 http://us.archive.ubuntu.com/ubuntu bionic-backports InRelease
Reading package lists... Done
```

Instalação e Configuração do Redis no Linux

Passo 3: Instale o pacote build-essential

```
sudo apt-get install build-essential -y
```



A screenshot of a terminal window titled "geek@university: ~". The window has a dark theme with light-colored text. At the top, there's a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". Below the menu is a command line prompt: "geek@university:~\$". The user has typed the command "sudo apt-get install build-essential -y" and is waiting for the command to execute, as indicated by the cursor at the end of the line.

Instalação e Configuração do Redis no Linux

Passo 4: Abra um navegador web e pesquise no Google por redis.

A screenshot of a Google search results page. The search query 'redis' is highlighted with a red box. The results show approximately 29,100,000 results. The first result is an advertisement for Microsoft Azure's Redis Cache service. Below it, there are sections for 'Leia os casos de sucesso', 'O que é Azure?', and a link to the Redis official website (<https://redis.io/>). To the right, there is a summary of Redis, mentioning it's an open-source database, its license (BSD), and its original author (Salvatore Sanfilippo).

redis - Pesquisa Google

https://www.google.com/search?source=hp&ei=mn4KXa2wOcnY5OUPnIq9-As&q=redis&oq=redis

redis

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Aproximadamente 29.100.000 resultados (0,27 segundos)

Cache Redis Do Microsoft Azure | Obtenha Sua Conta Gratuita

Anúncio azure.microsoft.com/Servicos/Redis_Cache

Com O Azure Seu Aplicativo Responde Rapido Conforme A Carga De Usuario Aumenta. Comece c/ Créd. Gratuito. Crie sua próxima ideia. +25 produtos gratuitos. Teste produtos de graça. Aprenda fazendo. Tipos: Rede, Ferram. de desenvolvedor, Dados + Análise, Computação na Nuvem.

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Leia os casos de sucesso

Leia histórias incríveis sobre como Empresas estão inovando c/ Azure

O que é Azure?

Aprenda os conceitos básicos Plataforma de Nuvem da Microsoft

Redis

<https://redis.io/> Traduzir esta página

Redis is an open source (BSD licensed), in-memory data structure store, used as a database, cache and message broker. It supports data structures such as ...

Introduction to Redis · Documentation · Download · Try Redis

Redis é uma estrutura de memória, e armazenamento de dados. Foi criado em 2015. Antes disso, era gerenciado por VMware. [Wikipédia](#)

Licença: BSD 3-clause

Autor original: Salvatore Sanfilippo

Desenvolvedor: Salvatore Sanfilippo

Instalação e Configuração do Redis no Linux

Passo 5: Clique no segundo link.

A screenshot of a Google search results page for the query "redis". The search bar shows "redis". Below the search bar are navigation links: Todas, Imagens, Vídeos, Notícias, Livros, Mais, Configurações, and Ferramentas. The search results indicate approximately 29,100,000 results found in 0.27 seconds. The first result is an advertisement for Microsoft Azure's Redis Cache service. The second result, which is highlighted with a red box, is the official Redis website at <https://redis.io/>. The Redis page summary includes a brief description of Redis as an open-source in-memory data structure store, links to documentation, download, and try Redis, and a snippet of the Redis source code.

Google redis

Todas Imagens Vídeos Notícias Livros Mais Configurações Ferramentas

Aproximadamente 29.100.000 resultados (0,27 segundos)

[Cache Redis Do Microsoft Azure | Obtenha Sua Conta Gratuita](#)
Anúncio azure.microsoft.com/Servicos/Redis_Cache

Com O Azure Seu Aplicativo Responde Rapido Conforme A Carga De Usuario Aumenta. Comece c/
Créd. Gratuito. Crie sua próxima ideia. +25 produtos gratuitos. Teste produtos de graça. Aprenda
fazendo. Tipos: Rede, Ferram. de desenvolvedor, Dados + Análise, Computação na Nuvem.
[Máquinas Virtuais - R\\$ 0,00 - Crie uma conta gratuita](#) · Mais ▾

[Leia os casos de sucesso](#)
Leia histórias incríveis sobre como
Empresas estão inovando c/ Azure

[O que é Azure?](#)
Aprenda os conceitos básicos
Plataforma de Nuvem da Microsoft

Redis
<https://redis.io/> ▾ Traduzir esta página

Redis is an open source (BSD licensed), in-memory data structure store, used as a database, cache and message broker. It supports data structures such as ...
[Introduction to Redis](#) · [Documentation](#) · [Download](#) · [Try Redis](#)

Redis
Software

Redis é uma estrutura de dados em memória, e armazena dados de forma eficiente para uso em desenvolvimento de aplicações. Foi criado em 2015. Antes disso, existiam soluções como memcached e MySQL, mas elas não eram suficientemente rápidas para lidar com o aumento da demanda de usuários. Redis surgiu para preencher essa lacuna, oferecendo uma solução completa para armazenamento de dados em memória.

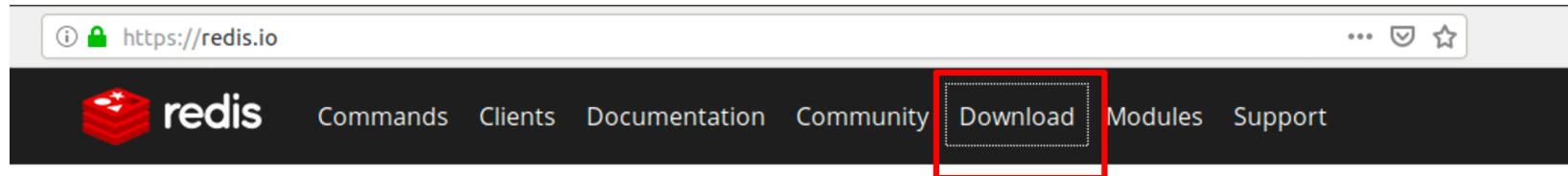
Licença: BSD 3-clause

Autor original: Salvatore Sanfilippo

Desenvolvedor: Salvatore Sanfilippo

Instalação e Configuração do Redis no Linux

Passo 6: Na página principal do projeto, clique no menu de download.



Redis is an open source (BSD licensed), in-memory data structure store, used as a database, cache and message broker. It supports data structures such as strings, hashes, lists, sets, sorted sets with range queries, bitmaps, hyperloglogs, geospatial indexes with radius queries and streams. Redis has built-in replication, Lua scripting, LRU eviction, transactions and different levels of on-disk persistence, and provides high availability via Redis Sentinel and automatic partitioning with Redis Cluster. [Learn more →](#)

Try it

Ready for a test drive? Check this [interactive tutorial](#) that will walk you through the most important features of Redis.

Download it

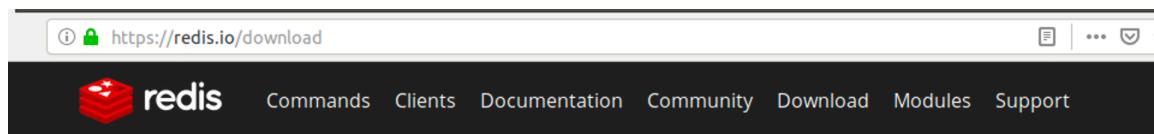
[Redis 5.0.5 is the latest stable version.](#) Interested in release candidates or unstable versions? [Check the downloads page.](#)

Quick links

Follow day-to-day Redis on [Twitter](#) and [GitHub](#). Get help or help others by subscribing to [our mailing list](#), we are 5,000 and counting!

Instalação e Configuração do Redis no Linux

Passo 7: Na página de download, clique no botão de download da versão estável.



Download

Redis uses a standard practice for its versioning: **major.minor.patchlevel**. An even **minor** marks a **stable** release, like 1.2, 2.0, 2.2, 2.4, 2.6, 2.8. Odd minors are used for **unstable** releases, for example 2.9.x releases are the unstable versions of what will be Redis 3.0 once stable.

Unstable

This is where all the development happens. Only for hard-core hackers. Use only if you need to test the latest features or performance improvements. This is going to be the next Redis release in a few months.

Download unstable

Stable (5.0)

Redis 5.0 is the first version of Redis to introduce the new stream data type with consumer groups, sorted sets blocking pop operations, LFU/LRU info in RDB, Cluster manager inside redis-cli, active defragmentation V2, HyperLogLogs improvements and many other improvements. Redis 5 was released as GA in October 2018.

Download 5.0.5

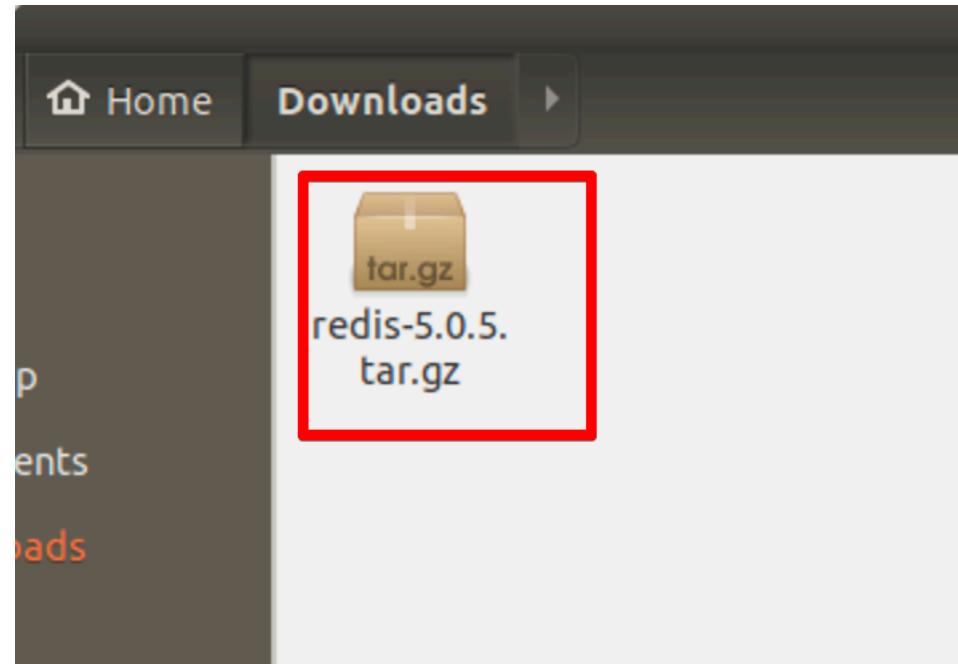
Docker

It is possible to get Docker images of Redis from the Docker Hub. Multiple versions are available, usually updated in a short time after a new release is available.

Download

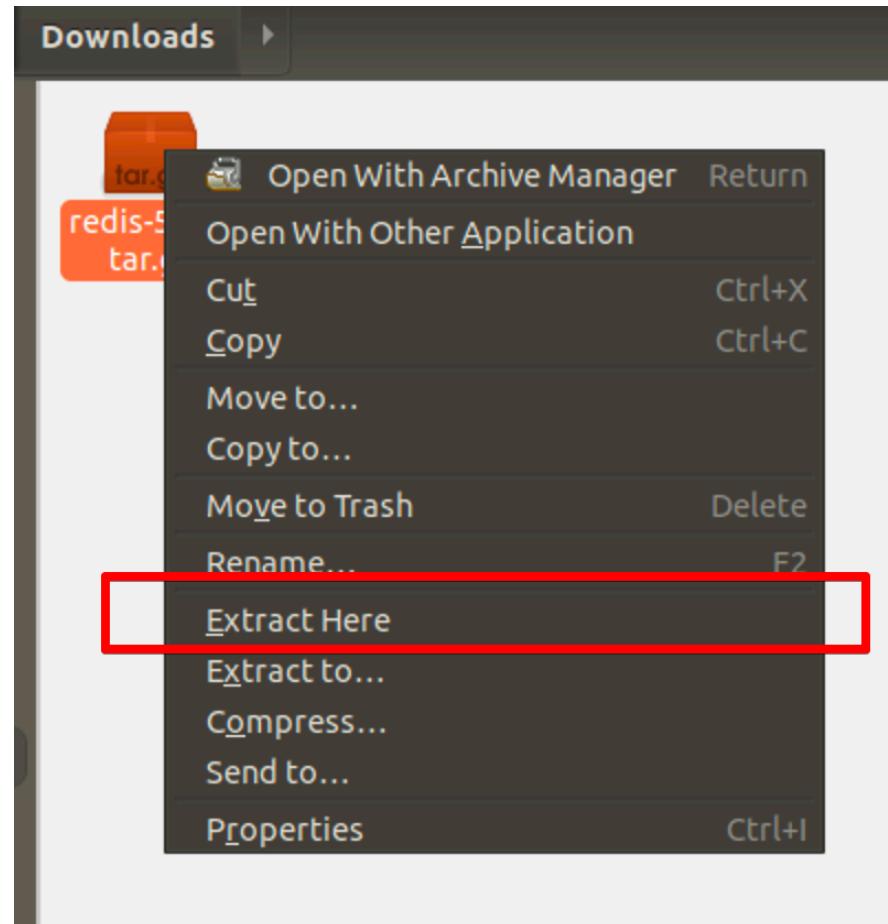
Instalação e Configuração do Redis no Linux

Passo 8: Certifique que o download foi finalizado e está salvo no diretório de downloads.



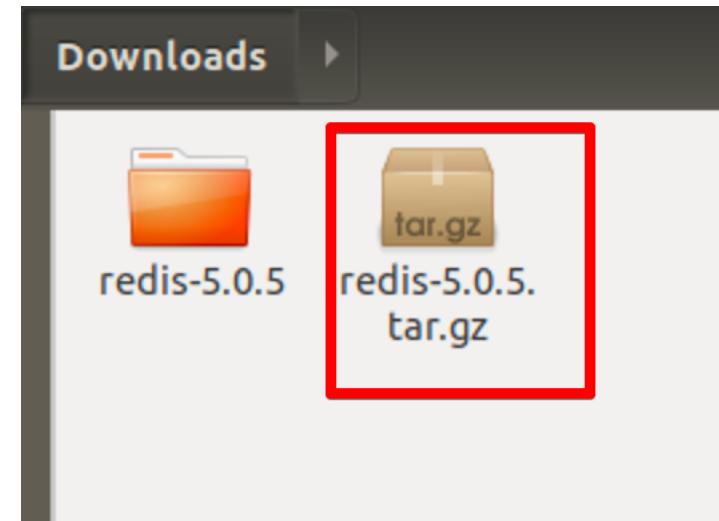
Instalação e Configuração do Redis no Linux

Passo 9: Descompacte o arquivo.



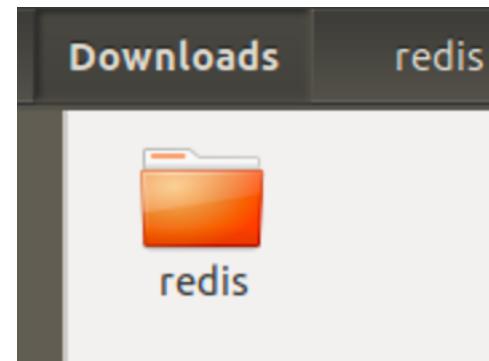
Instalação e Configuração do Redis no Linux

Passo 10: Delete o arquivo compactado.



Instalação e Configuração do Redis no Linux

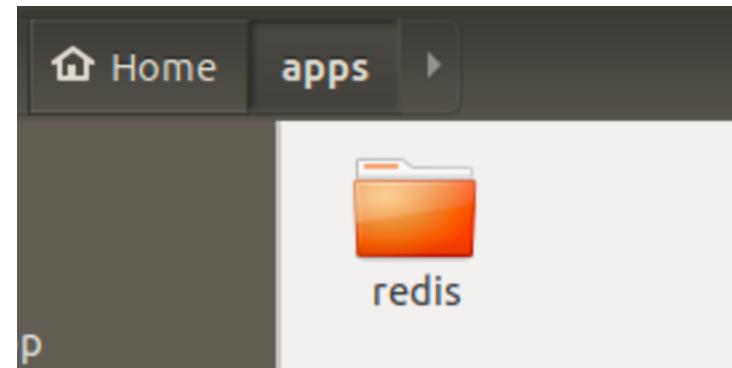
Passo 11: Renomeie o diretório para 'redis'



Instalação e Configuração do Redis no Linux

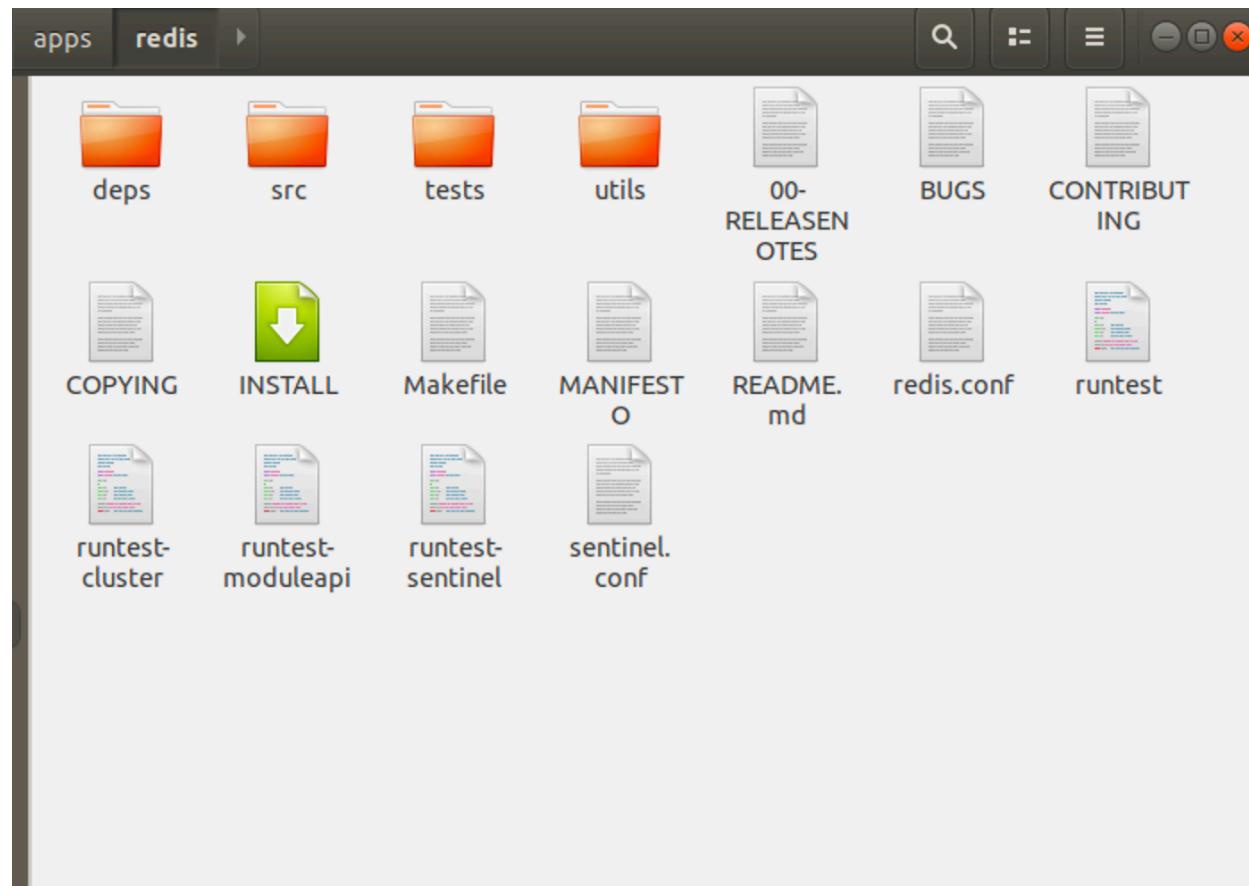
Passo 12: Mova o diretório 'redis' para um diretório chamado 'apps' dentro do seu diretório home.

OBS: Crie o diretório 'apps' dentro do diretório home caso precise.



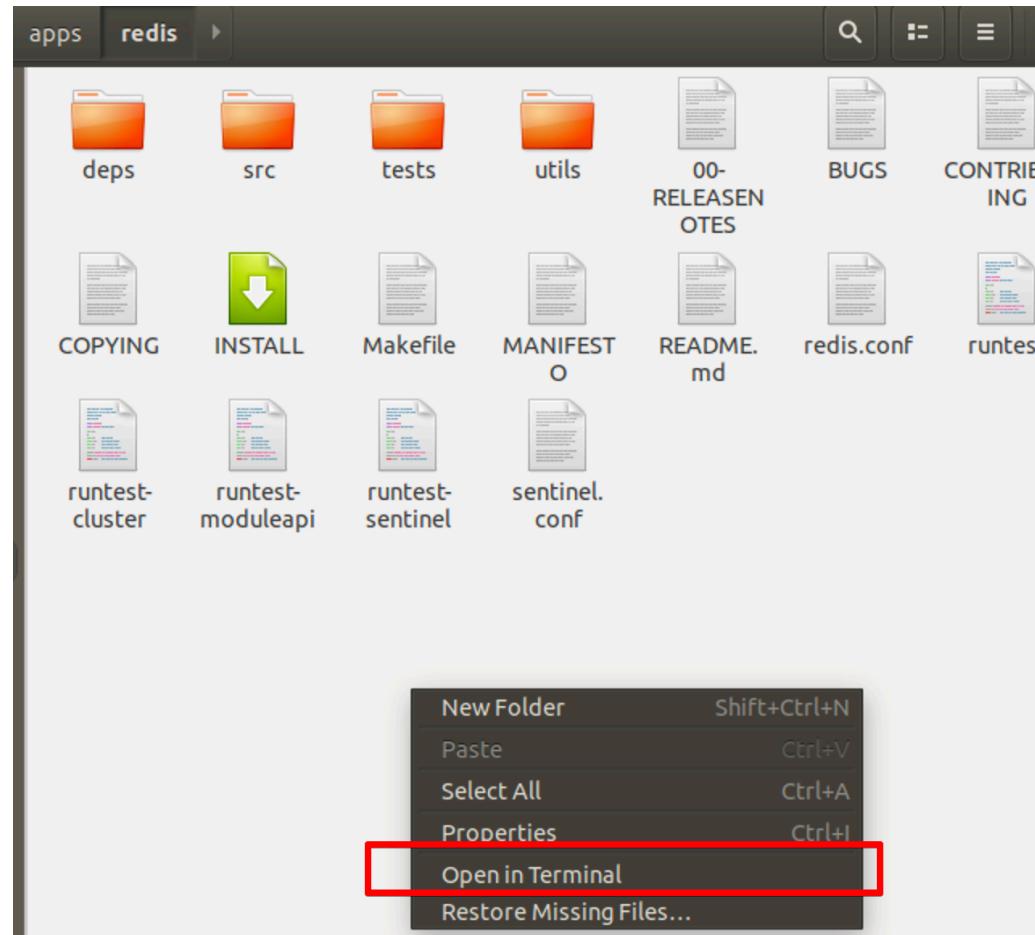
Instalação e Configuração do Redis no Linux

Passo 13: Abra o diretório do redis.



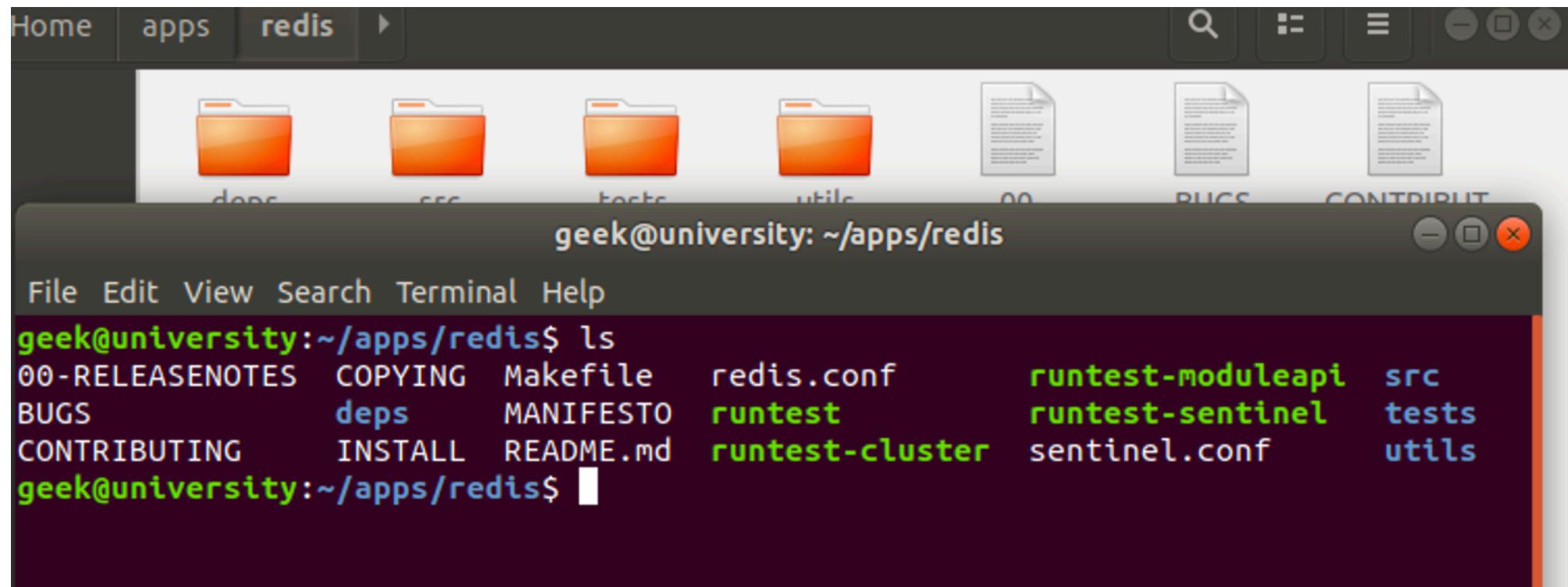
Instalação e Configuração do Redis no Linux

Passo 14: Abra o terminal dentro do diretório.



Instalação e Configuração do Redis no Linux

Passo 15: Liste os arquivos para verificar se o terminal está aberto no local correto:



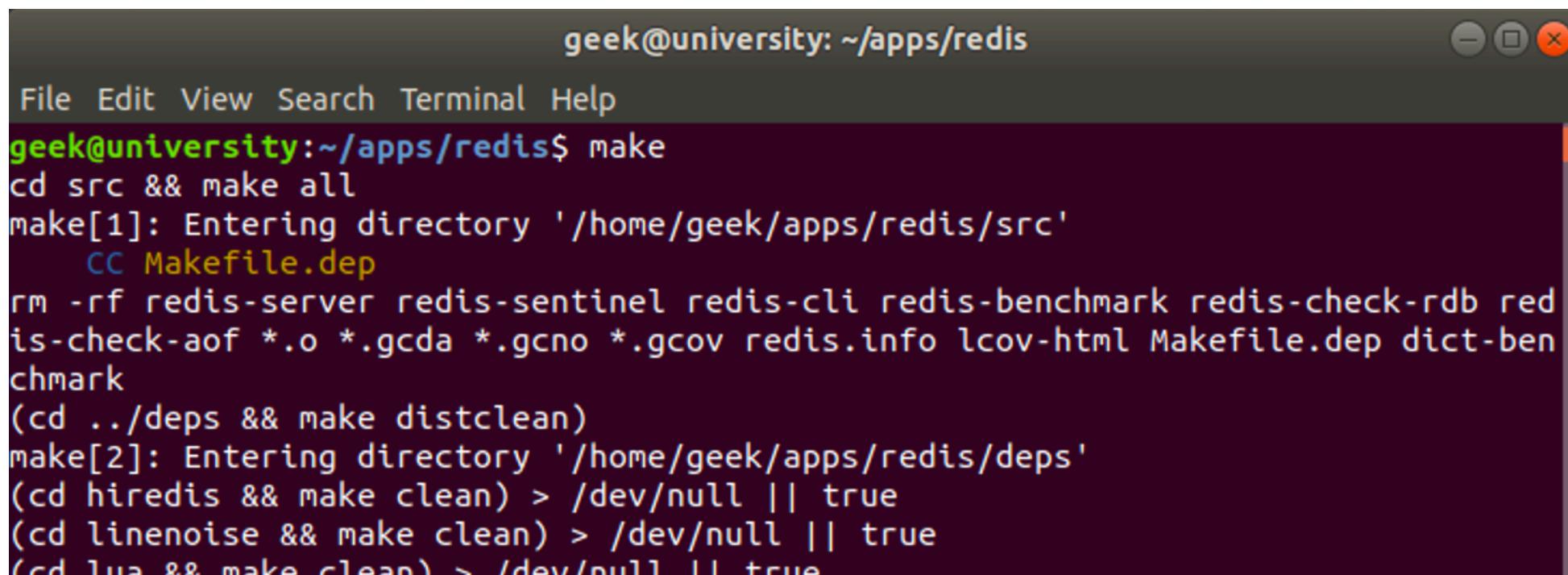
The screenshot shows a Linux desktop environment. At the top, there is a dock with icons for Home, apps, and redis. Below the dock is a file manager window titled 'redis' which lists several files and folders: doc, src, tests, utils, 00, BUGS, and CONTRIBUTING. The terminal window below has a dark background and displays the command 'ls' followed by a list of files: 00-RELEASENOTES, COPYING, Makefile, redis.conf, runtest-moduleapi, src, BUGS, deps, MANIFESTO, sentinel, runtest-sentinel, tests, CONTRIBUTING, INSTALL, README.md, runtest-cluster, sentinel.conf, and utils. The terminal prompt is 'geek@university:~/apps/redis\$'.

```
geek@university:~/apps/redis$ ls
00-RELEASENOTES  COPYING  Makefile  redis.conf      runtest-moduleapi  src
BUGS             deps     MANIFESTO  runtest        runtest-sentinel   tests
CONTRIBUTING    INSTALL  README.md  runtest-cluster sentinel.conf    utils
geek@university:~/apps/redis$
```

Instalação e Configuração do Redis no Linux

Passo 16: Compile o redis com o comando:

make



A screenshot of a terminal window titled "geek@university: ~/apps/redis". The window has a standard title bar with minimize, maximize, and close buttons. The menu bar includes "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal content shows the user running the "make" command in the Redis source directory. The output of the make command is displayed, showing the compilation of files like Makefile.dep, the removal of various Redis binary files, and the cleaning of dependencies in the deps directory.

```
geek@university: ~/apps/redis
File Edit View Search Terminal Help
geek@university:~/apps/redis$ make
cd src && make all
make[1]: Entering directory '/home/geek/apps/redis/src'
  CC Makefile.dep
rm -rf redis-server redis-sentinel redis-cli redis-benchmark redis-check-rdb redis-check-aof *.o *.gcda *.gcno *.gcov redis.info lcov-html Makefile.dep dict-benchmark
(cd ..deps && make distclean)
make[2]: Entering directory '/home/geek/apps/redis/deps'
(cd hiredis && make clean) > /dev/null || true
(cd linenoise && make clean) > /dev/null || true
(cd lua && make clean) > /dev/null || true
```

Instalação e Configuração do Redis no Linux

Passo 17: Verifique se a compilação finalizou sem erros.

```
INSTALL redis-server
CC redis-cli.o
LINK redis-cli
CC redis-benchmark.o
LINK redis-benchmark
INSTALL redis-check-rdb
INSTALL redis-check-aof

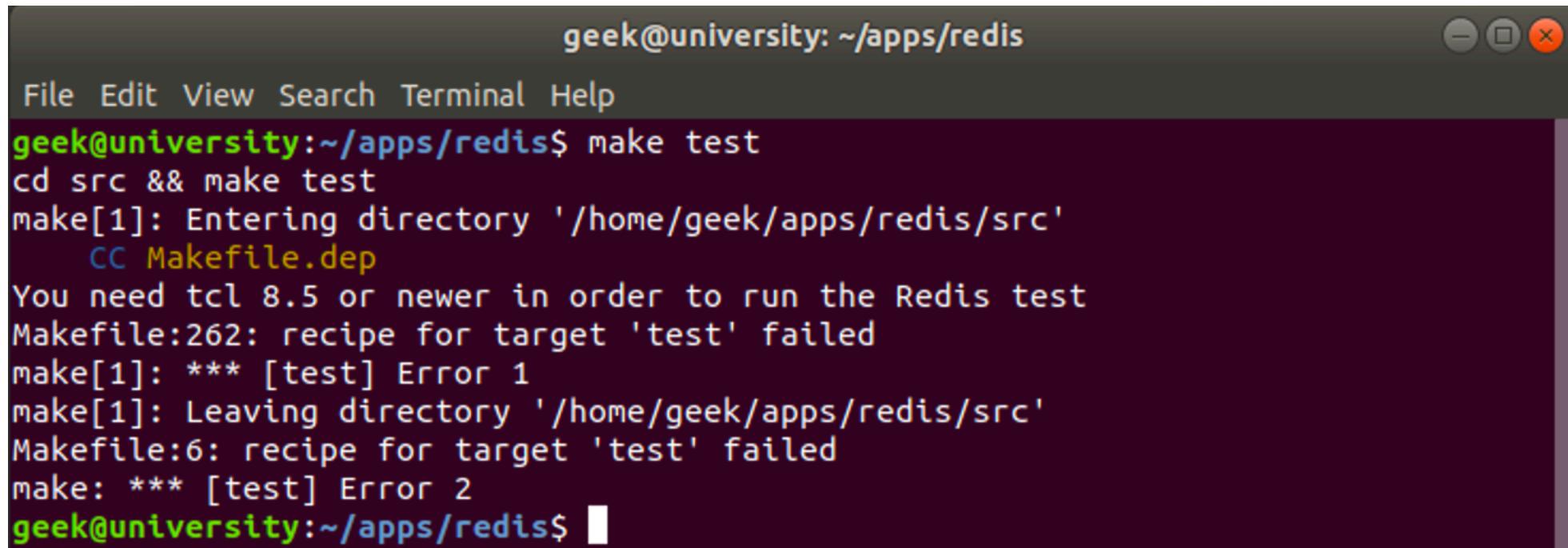
Hint: It's a good idea to run 'make test' ;)

make[1]: Leaving directory '/home/geek/apps/redis/src'
geek@university:~/apps/redis$
```

Instalação e Configuração do Redis no Linux

Passo 18: Execute os testes para verificar que está tudo ok com o comando:

make test



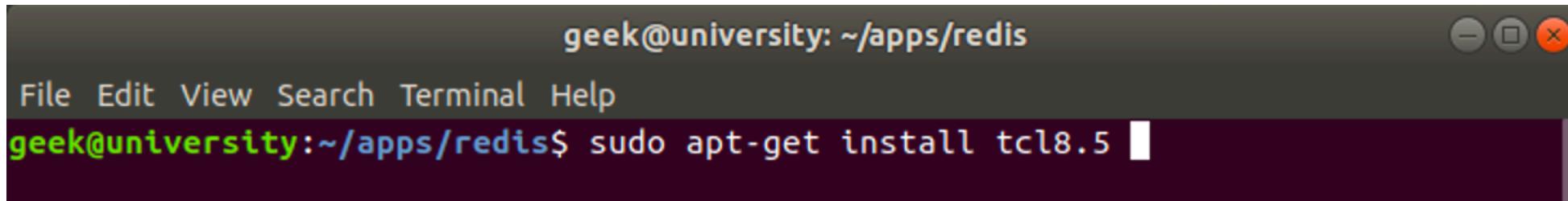
```
geek@university: ~/apps/redis
File Edit View Search Terminal Help
geek@university:~/apps/redis$ make test
cd src && make test
make[1]: Entering directory '/home/geek/apps/redis/src'
  CC Makefile.dep
You need tcl 8.5 or newer in order to run the Redis test
Makefile:262: recipe for target 'test' failed
make[1]: *** [test] Error 1
make[1]: Leaving directory '/home/geek/apps/redis/src'
Makefile:6: recipe for target 'test' failed
make: *** [test] Error 2
geek@university:~/apps/redis$ █
```

Veja que meus testes deram errado pois o redis acusa não encontrar o software 'tcl'

Instalação e Configuração do Redis no Linux

Passo 19: Execute o comando abaixo para instalar o software necessário:

```
sudo apt-get install tcl8.5
```



A screenshot of a terminal window titled "geek@university: ~/apps/redis". The window has a dark theme with light-colored text. The title bar shows the user "geek@university" and the path "~/apps/redis". The menu bar includes "File", "Edit", "View", "Search", "Terminal", and "Help". The command "sudo apt-get install tcl8.5" is typed into the terminal, with the cursor at the end of the line.

Instalação e Configuração do Redis no Linux

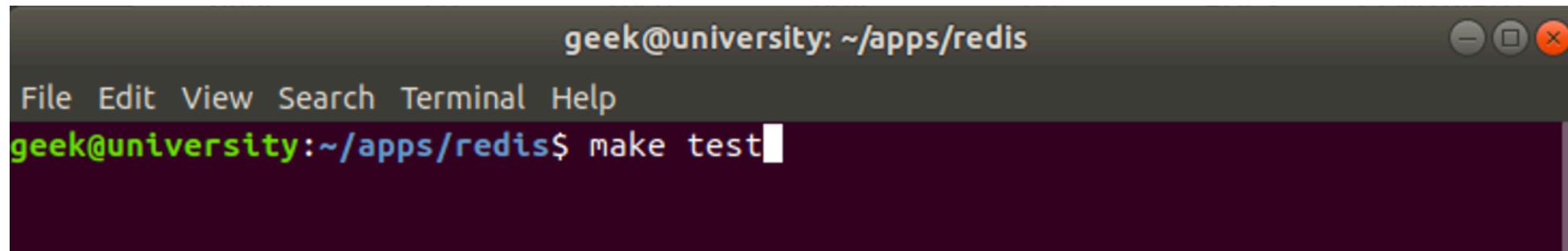
Passo 20: Verifique se a instalação ocorreu com sucesso.

```
(Reading database ... 173555 files and directories currently installed.)  
Preparing to unpack .../libtcl8.5_8.5.19-4_amd64.deb ...  
Unpacking libtcl8.5:amd64 (8.5.19-4) ...  
Selecting previously unselected package tcl8.5.  
Preparing to unpack .../tcl8.5_8.5.19-4_amd64.deb ...  
Unpacking tcl8.5 (8.5.19-4) ...  
Processing triggers for libc-bin (2.27-3ubuntu1) ...  
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...  
Setting up libtcl8.5:amd64 (8.5.19-4) ...  
Setting up tcl8.5 (8.5.19-4) ...  
Processing triggers for libc-bin (2.27-3ubuntu1) ...  
geek@university:~/apps/redis$
```

Instalação e Configuração do Redis no Linux

Passo 21: Execute novamente os testes com:

make test



A screenshot of a terminal window titled "geek@university: ~/apps/redis". The window has a dark theme with a light gray header bar. The title bar shows the user "geek@university" and the path "~/apps/redis". Below the title bar is a menu bar with options: File, Edit, View, Search, Terminal, Help. The main area of the terminal is dark, and the text is white or light gray. A green prompt "geek@university:~/apps/redis\$" is followed by the command "make test" in blue. The terminal window has standard window controls (minimize, maximize, close) in the top right corner.

OBS: Aguarde até todos os testes finalizarem.

Instalação e Configuração do Redis no Linux

Passo 22: Certifique-se de que os testes finalizaram com sucesso.

```
70 seconds - core/hyperloglog
105 seconds - integration/replication-psync
120 seconds - unit/type/list-3
109 seconds - unit/maxmemory
106 seconds - unit/memefficiency
142 seconds - integration/replication
119 seconds - unit/obuf-limits

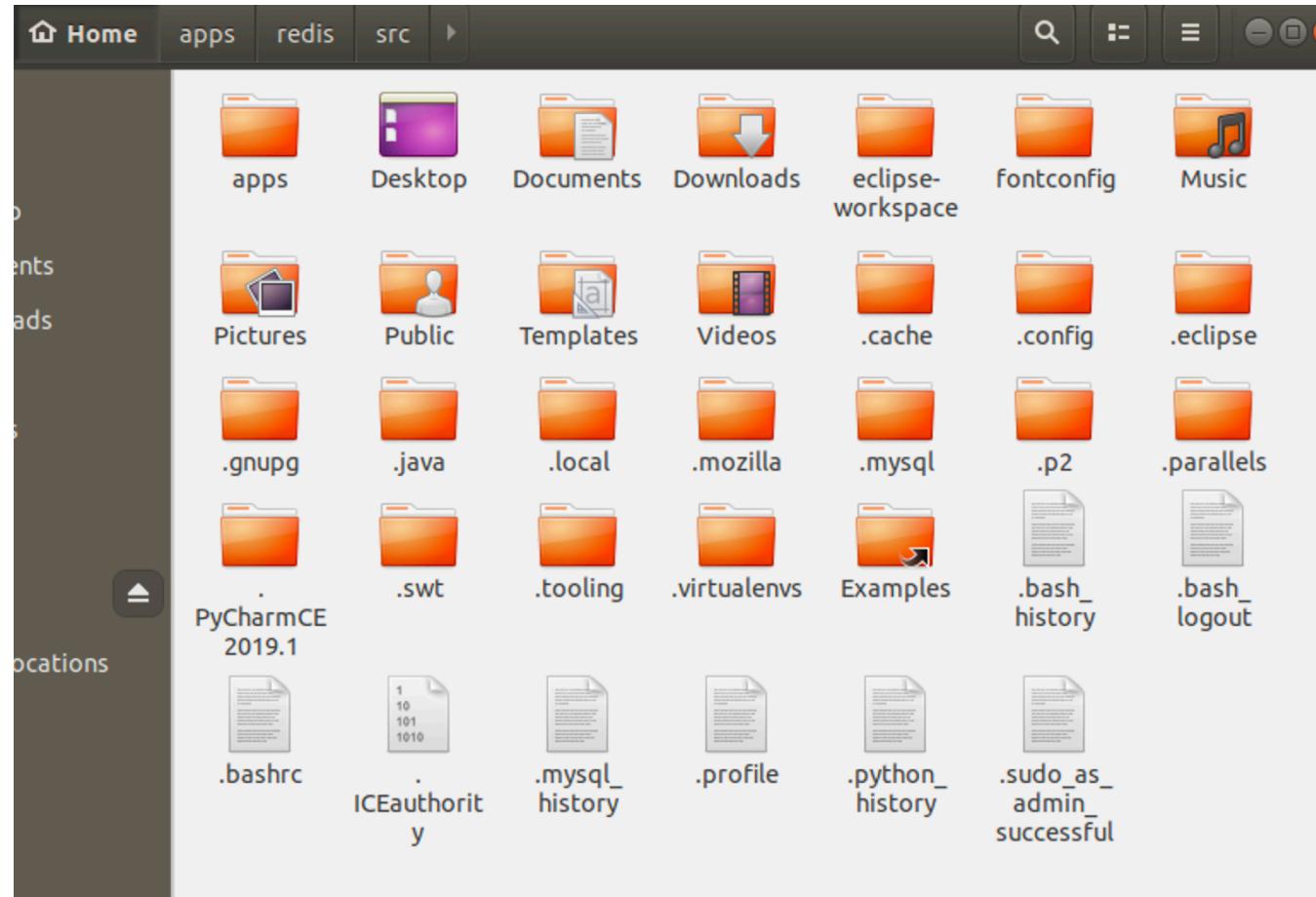
\o/ All tests passed without errors!

Cleanup: may take some time... OK
make[1]: Leaving directory '/home/geek/apps/redis/src'
geek@university:~/apps/redis$
```

Instalação e Configuração do Redis no Linux

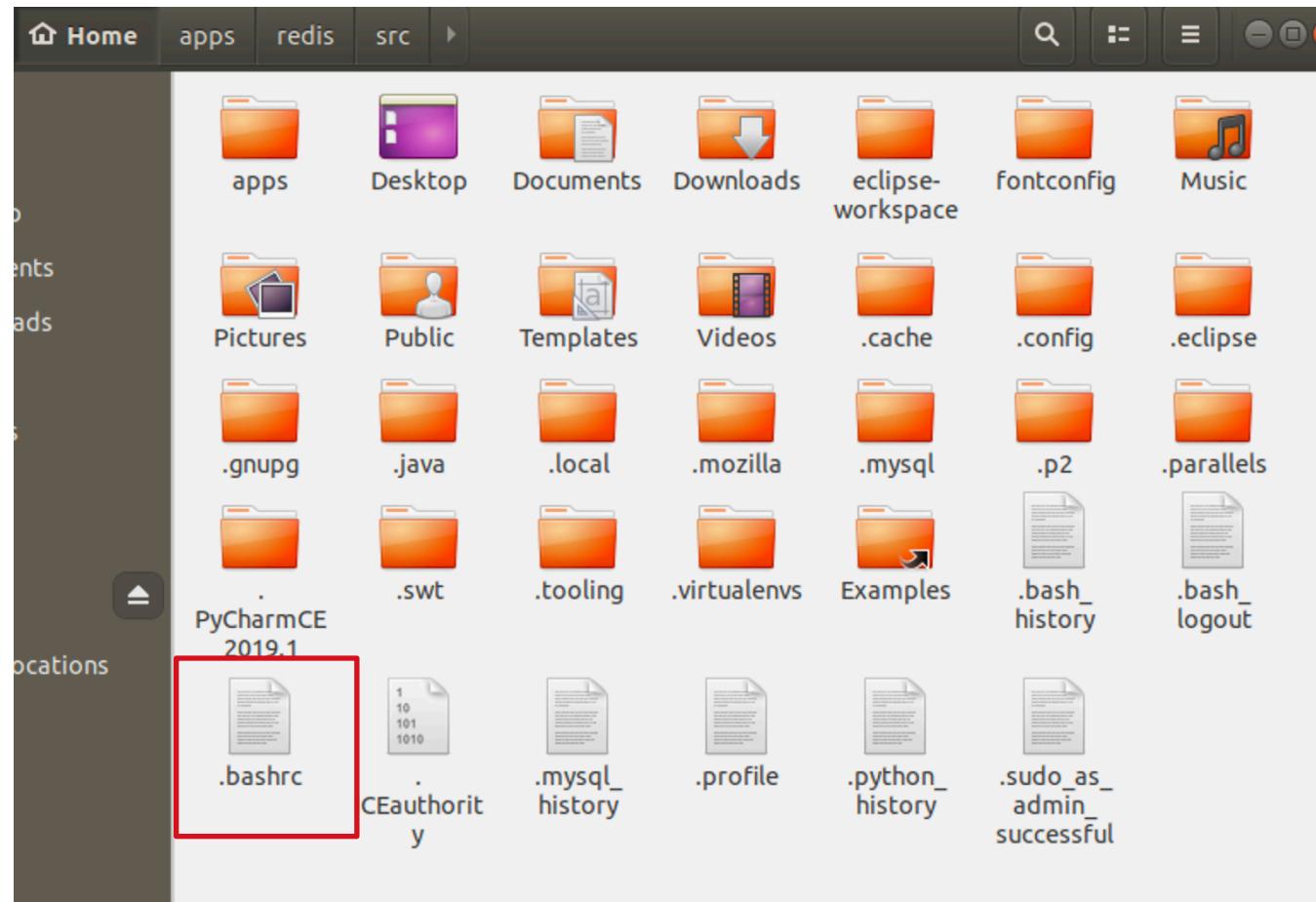
Passo 23: Abra novamente seu diretório home e mostre os arquivos ocultos com o comando:

CTRL + h



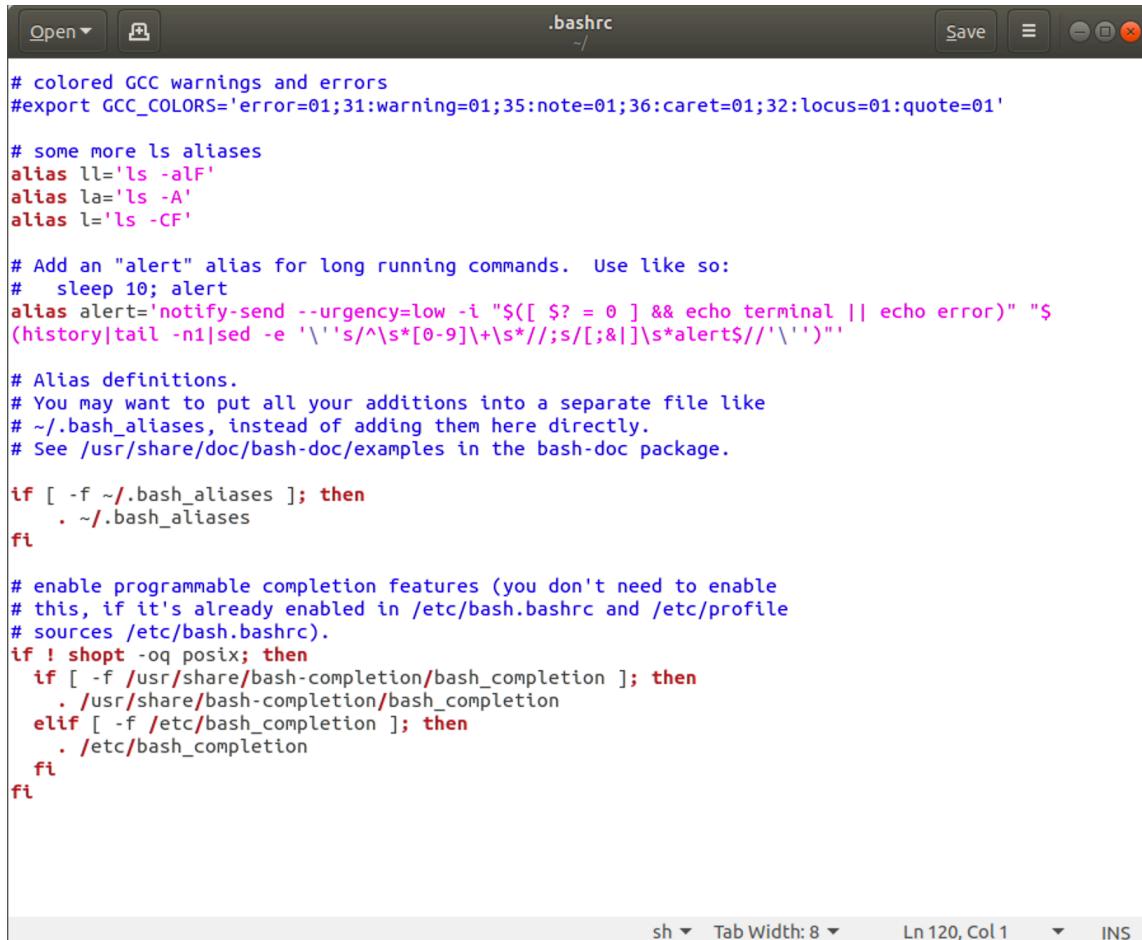
Instalação e Configuração do Redis no Linux

Passo 24: Abra o arquivo .bashrc para edição



Instalação e Configuração do Redis no Linux

Passo 25: Abra o arquivo .bashrc para edição



The image shows a terminal window with a dark theme. The title bar says ".bashrc". The window contains the contents of a .bashrc file, which includes various shell configuration settings like aliases, functions, and completion logic.

```
# colored GCC warnings and errors
#export GCC_COLORS='error=01;31:warning=01;35:note=01;36:caret=01;32:locus=01:quote=01'

# some more ls aliases
alias ll='ls -alF'
alias la='ls -A'
alias l='ls -CF'

# Add an "alert" alias for long running commands.  Use like so:
#   sleep 10; alert
alias alert='notify-send --urgency=low -i "$( [ $? = 0 ] && echo terminal || echo error)" "$(
(history|tail -n1|sed -e '\'s/^\s*[0-9]+\+\s*//;s/[;:&]\s*alert$//'\'' )"'"

# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

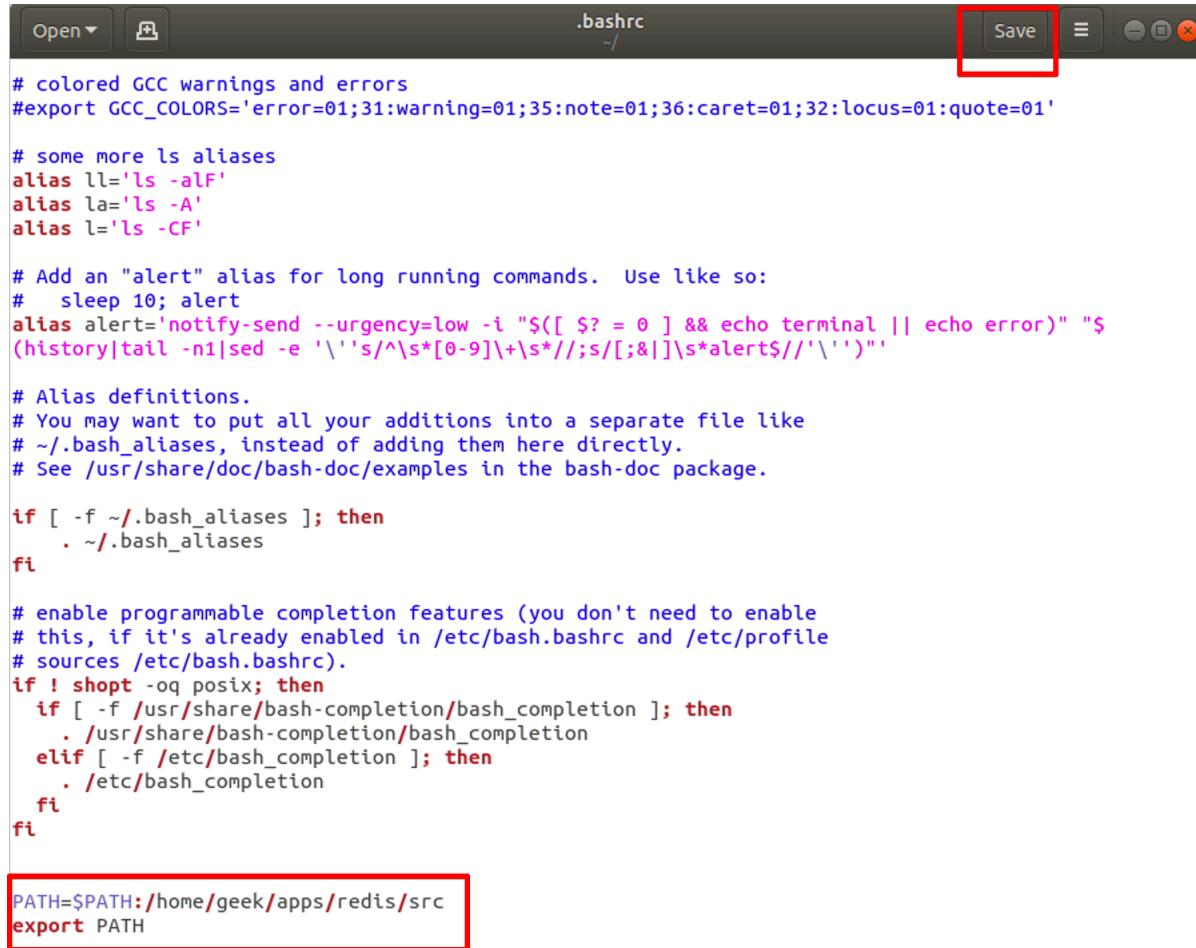
# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
    if [ -f /usr/share/bash-completion/bash_completion ]; then
        . /usr/share/bash-completion/bash_completion
    elif [ -f /etc/bash_completion ]; then
        . /etc/bash_completion
    fi
fi
```

Instalação e Configuração do Redis no Linux

Passo 26: Adicione as duas linhas em destaque e clique no botão ‘Save’

*PATH=\$PATH:/home/geek/apps/redis/src
Export PATH*

OBS: Troque o nome do diretório home em vermelho de acordo com o seu usuário.



```
# colored GCC warnings and errors
#export GCC_COLORS='error=01;31:warning=01;35:note=01;36:caret=01;32:locus=01:quote=01'

# some more ls aliases
alias ll='ls -alF'
alias la='ls -A'
alias l='ls -CF'

# Add an "alert" alias for long running commands.  Use like so:
# sleep 10; alert
alias alert='notify-send --urgency=low -i "$( [ $? = 0 ] && echo terminal || echo error)" "$(
(history|tail -n1|sed -e '\''s/^[\s]*[0-9]+\+[\s*//;s/[;&|]\s*alert$/'\''")'

# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -q posix; then
    if [ -f /usr/share/bash-completion/bash_completion ]; then
        . /usr/share/bash-completion/bash_completion
    elif [ -f /etc/bash_completion ]; then
        . /etc/bash_completion
    fi
fi

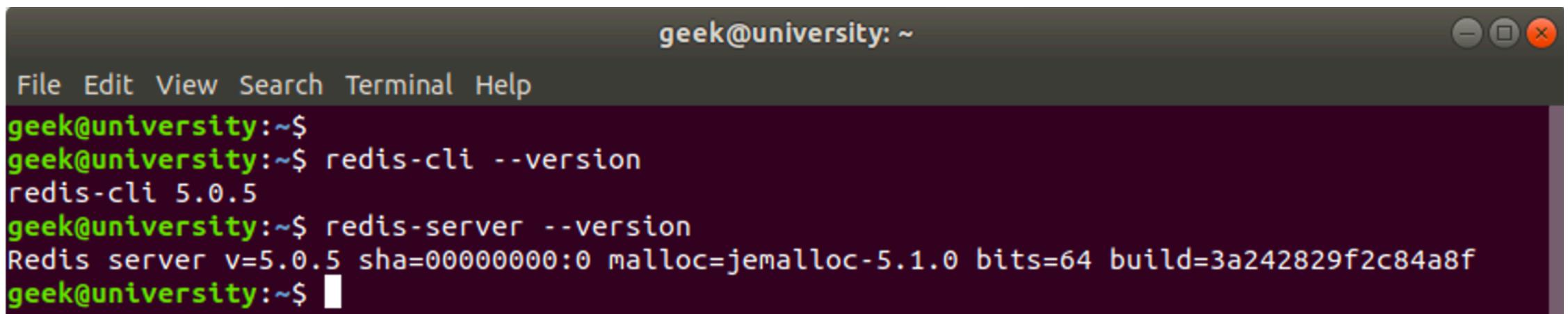
PATH=$PATH:/home/geek/apps/redis/src
export PATH
```

Instalação e Configuração do Redis no Linux

Passo 27: Execute os comandos abaixo para verificar se os executáveis do Redis estão funcionando corretamente e para checar as versões.

redis-cli --version

redis-server --version



A screenshot of a terminal window titled "geek@university: ~". The window has standard Linux window controls (minimize, maximize, close) in the top right corner. The terminal interface includes a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The command line shows the user's path as "geek@university:~\$". The user runs two commands: "redis-cli --version" which returns "redis-cli 5.0.5", and "redis-server --version" which returns detailed server information: "Redis server v=5.0.5 sha=00000000:0 malloc=jemalloc-5.1.0 bits=64 build=3a242829f2c84a8f". The terminal prompt ends with "geek@university:~\$".

```
geek@university: ~
File Edit View Search Terminal Help
geek@university:~$
geek@university:~$ redis-cli --version
redis-cli 5.0.5
geek@university:~$ redis-server --version
Redis server v=5.0.5 sha=00000000:0 malloc=jemalloc-5.1.0 bits=64 build=3a242829f2c84a8f
geek@university:~$
```

Note que pelas mensagens de retorno dos comandos acima, temos instalado e funcionando a versão 5.0.5 tanto do Redis Client quanto do Redis Server.

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Etapa 2: Instalando e configurando um cliente gráfico Redis UI



P3X Redis UI

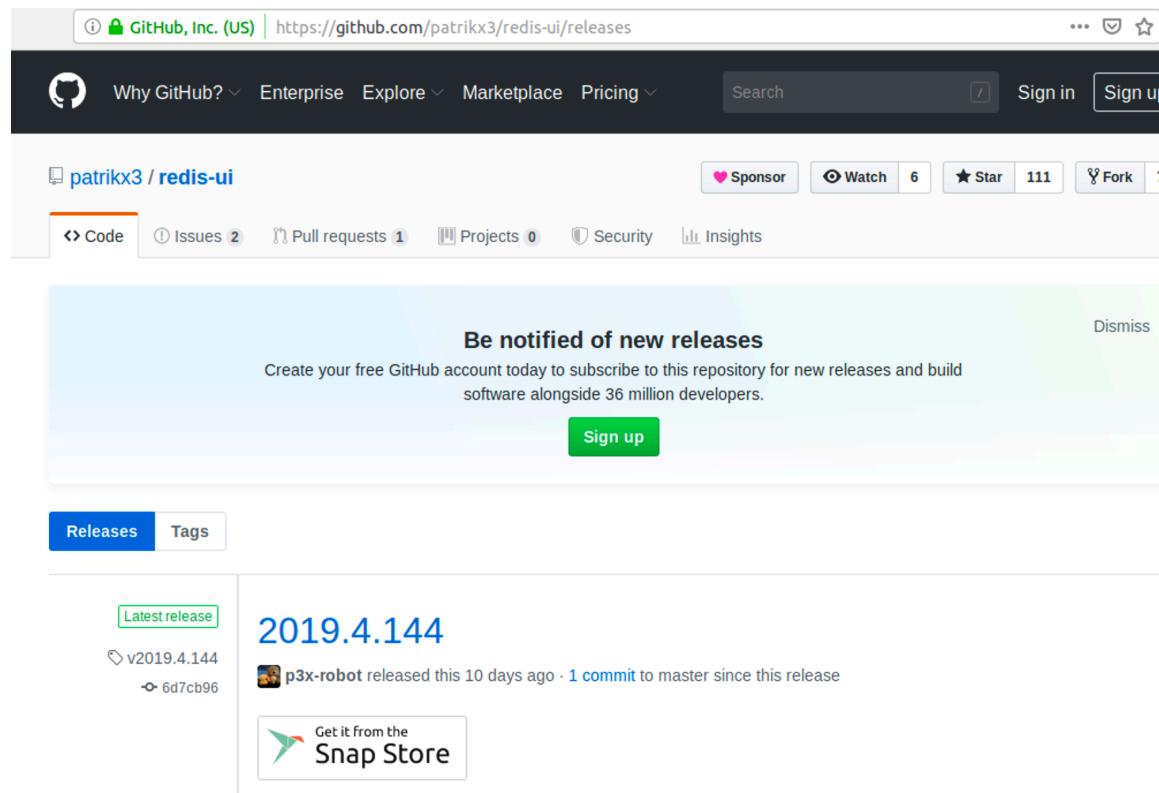
Redis UI based on redis-commander and phpRedisAdmin.

Fonte: <https://github.com/patrikx3/redis-ui/releases>

Instalação e Configuração do Redis no Linux

Passo 1: Abra o navegador no endereço abaixo:

<https://github.com/patrikx3/redis-ui/releases>



Instalação e Configuração do Redis no Linux

Passo 2: Baixe a última versão do software:

Latest release

2019.4.144

v2019.4.144 · 6d7cb96

p3x-robot released this 10 days ago · 1 commit to master since this release

Get it from the Snap Store

Changelog

<https://github.com/patrikx3/redis-ui/blob/master/changelog.md#20194144>

The online version @

<https://p3x.redis.patrikx3.com>

ElectronJs

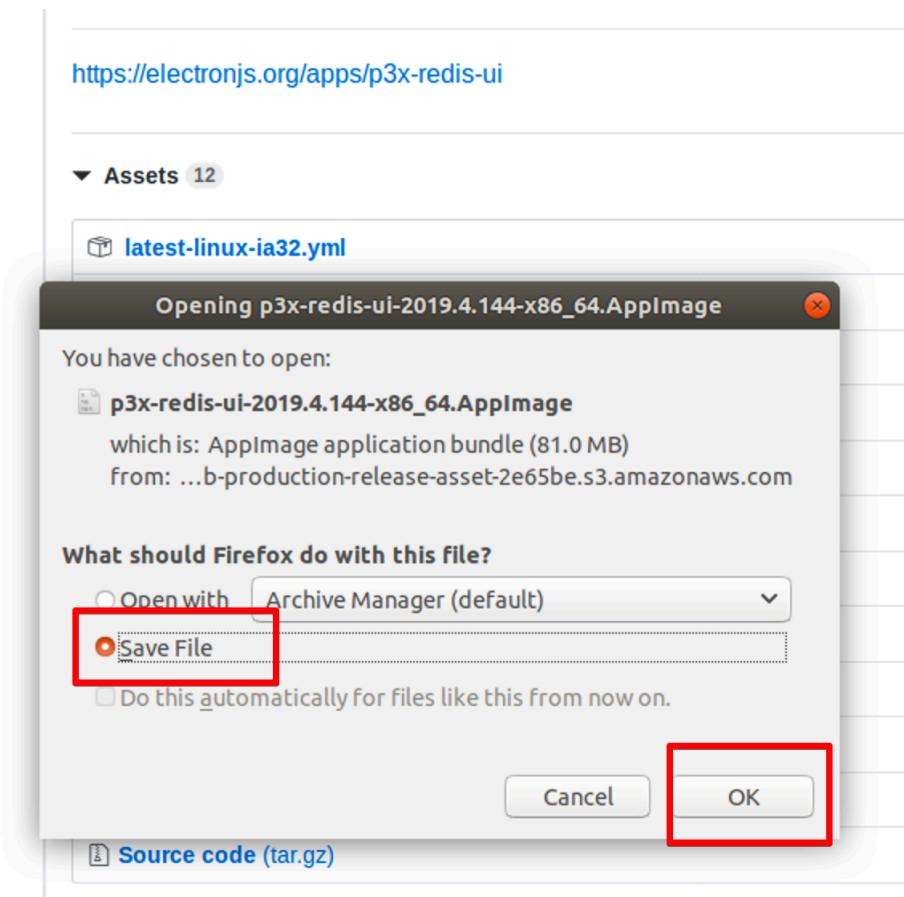
<https://electronjs.org/apps/p3x-redis-ui>

▼ Assets 12

latest-linux-ia32.yml	399 Bytes
latest-linux.yml	403 Bytes
latest-mac.yml	355 Bytes
latest.yml	393 Bytes
p3x-redis-ui-2019.4.144-i386.AppImage	84.6 MB
p3x-redis-ui-2019.4.144-x86_64.AppImage	81 MB
p3x-redis-ui-2019.4.144.dmg	59.6 MB

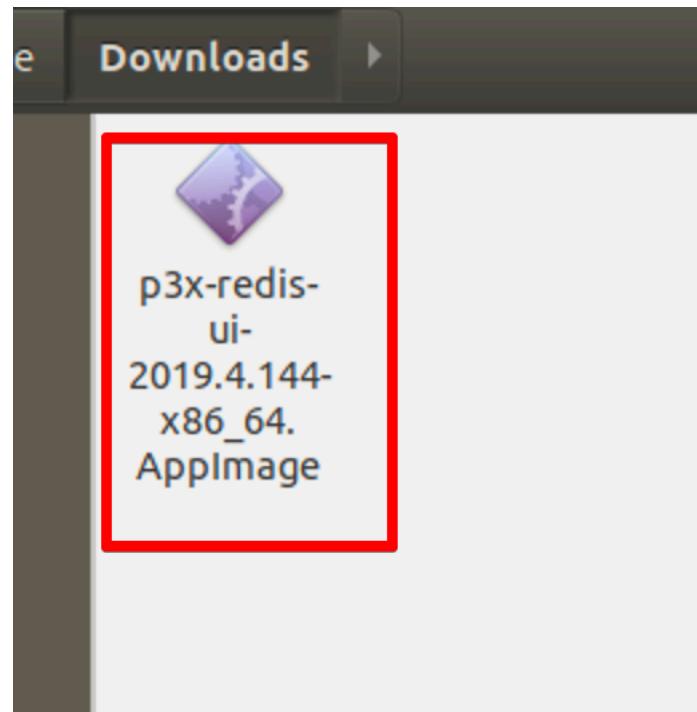
Instalação e Configuração do Redis no Linux

Passo 3: Caso apareça uma janela perguntando se quer salvar, confirme:



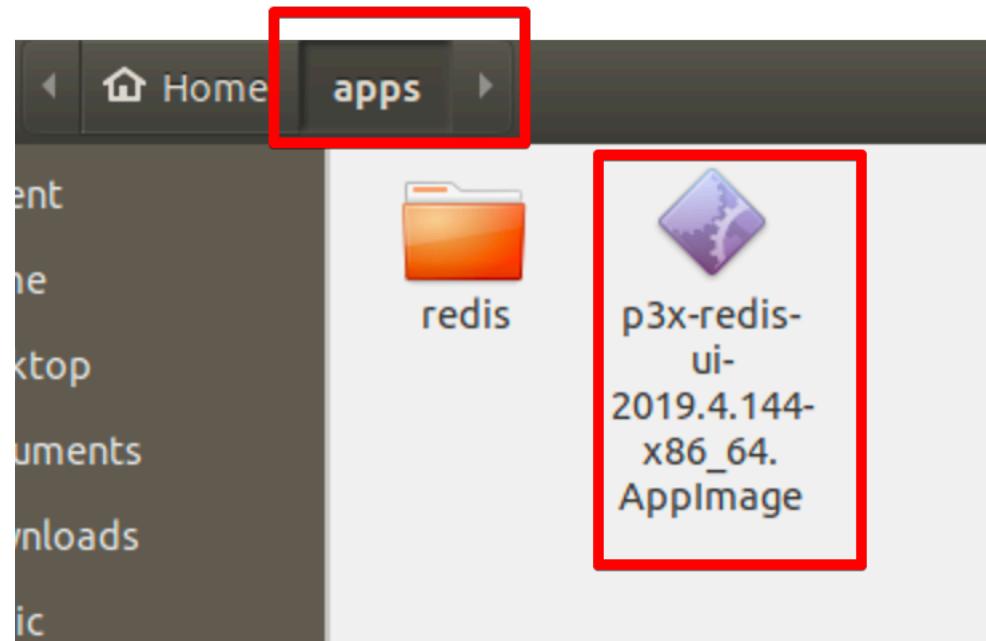
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Passo 4: Aguarde o download finalizar e confirme se o arquivo se encontra no diretório de downloads.



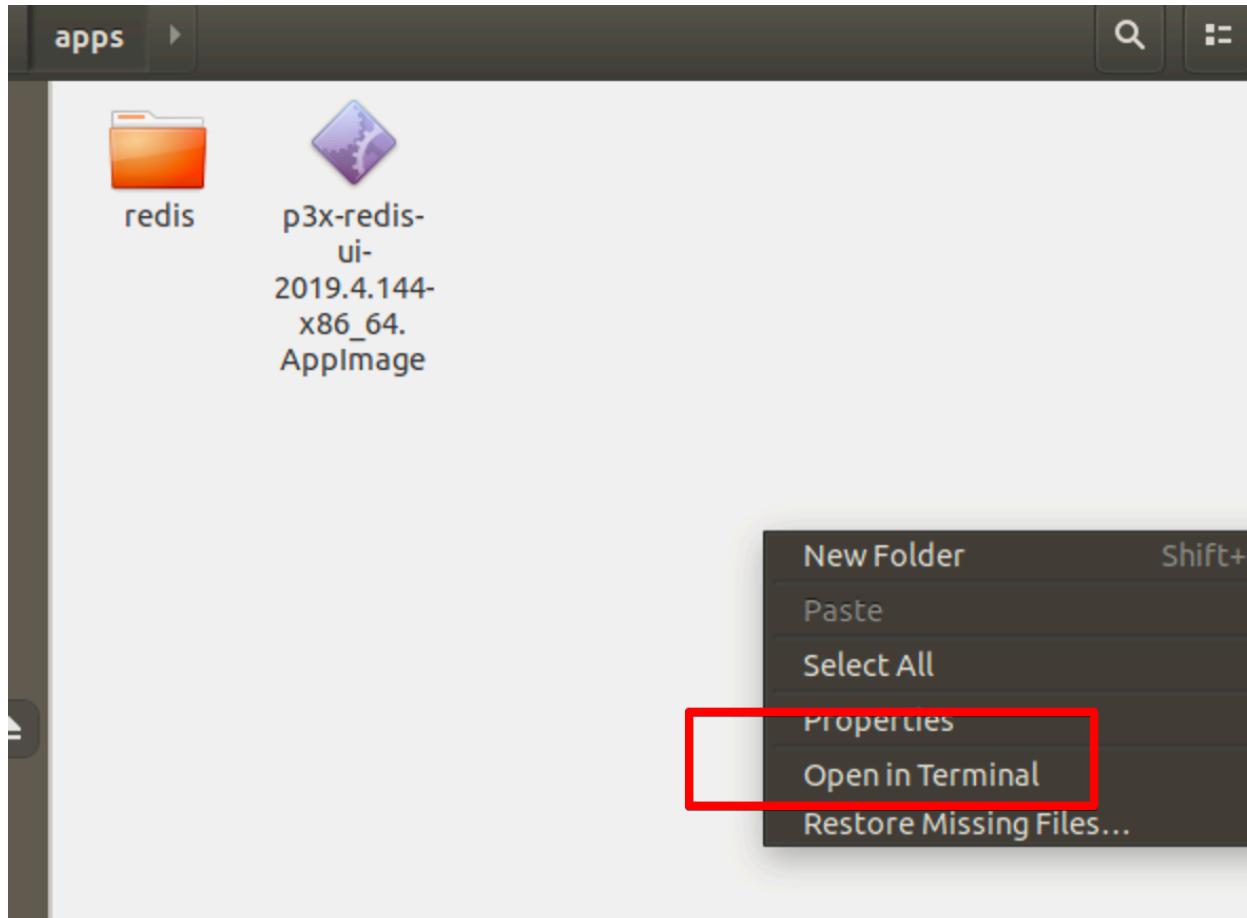
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Passo 5: Mova o arquivo para o diretório 'apps' no seu diretório home.



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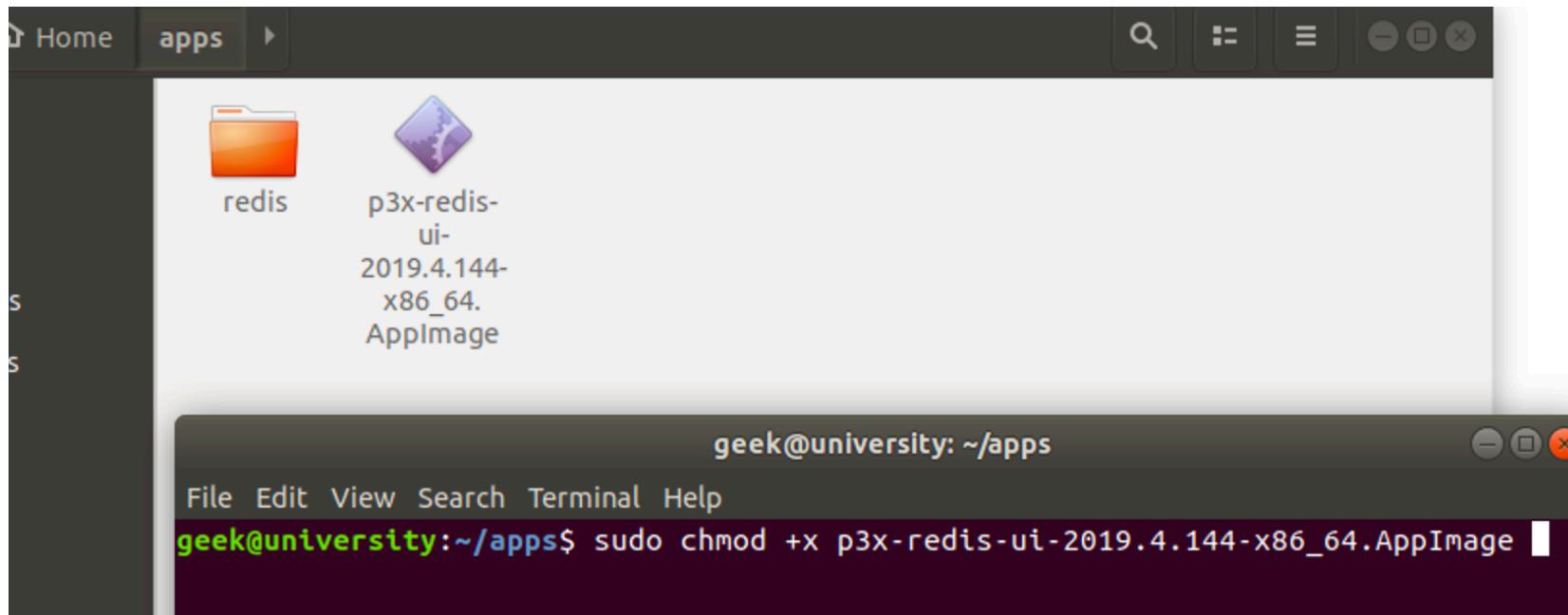
Passo 6: Abra o terminal no diretório 'apps'



Instalação e Configuração do Redis no Linux

Passo 7: Torne executável o arquivo baixado com o comando:

```
sudo chmod +x p3x-redis-ui-2019.4.144-x86_64.AppImage
```

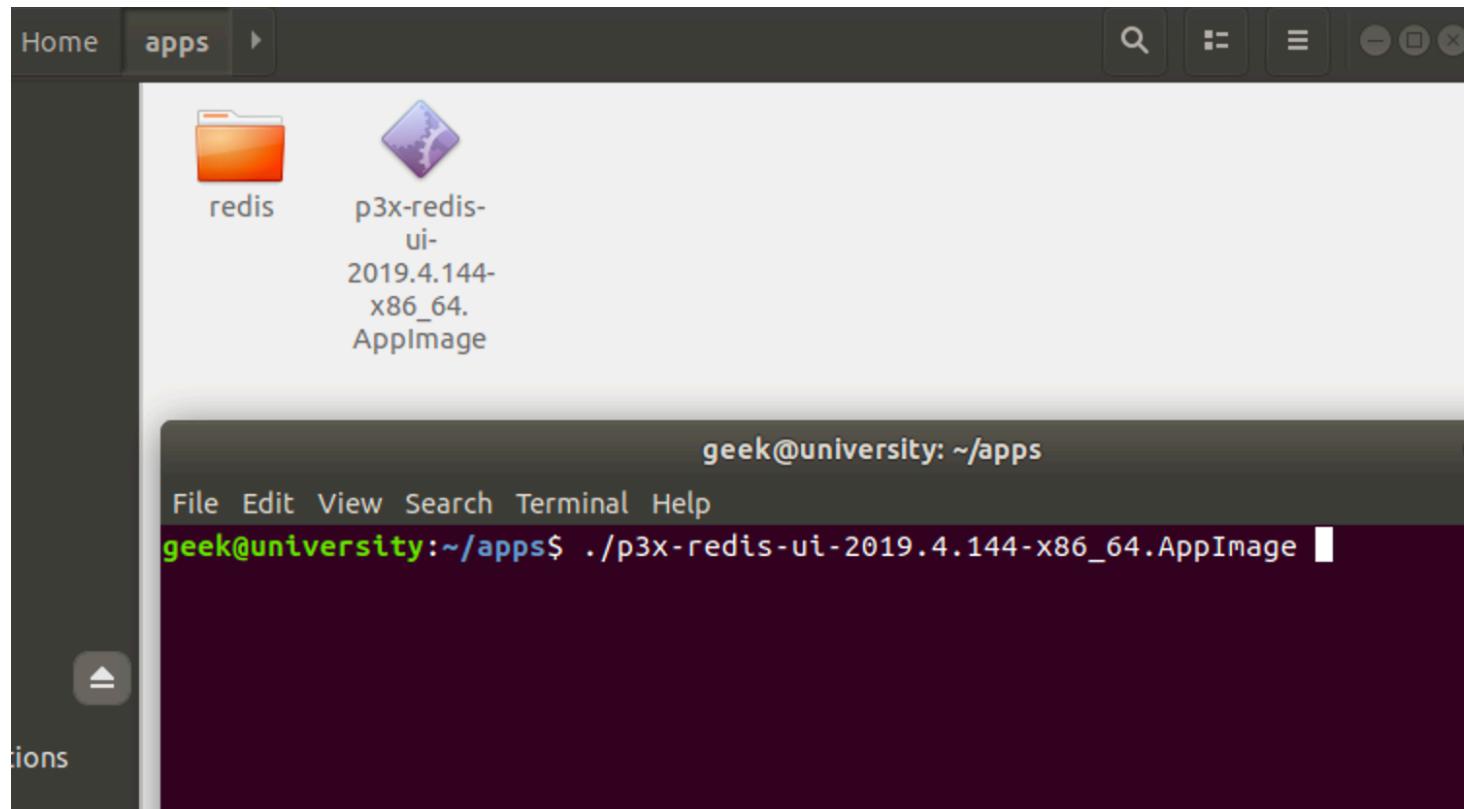


OBS: Caso solicitada, informe sua senha de usuário.

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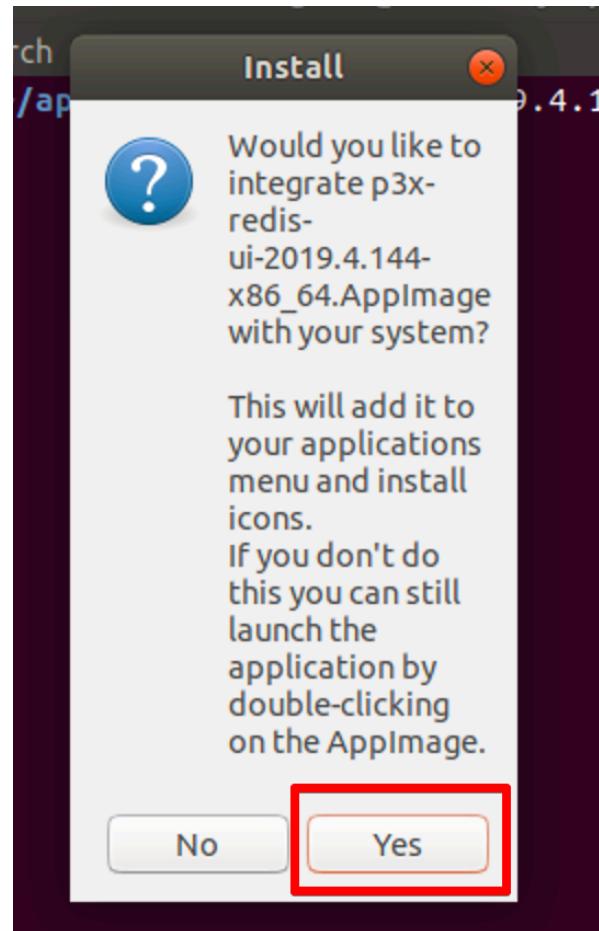
Passo 8: Execute o arquivo com o comando:

```
./p3x-redis-ui-2019.4.144-x86_64.AppImage
```



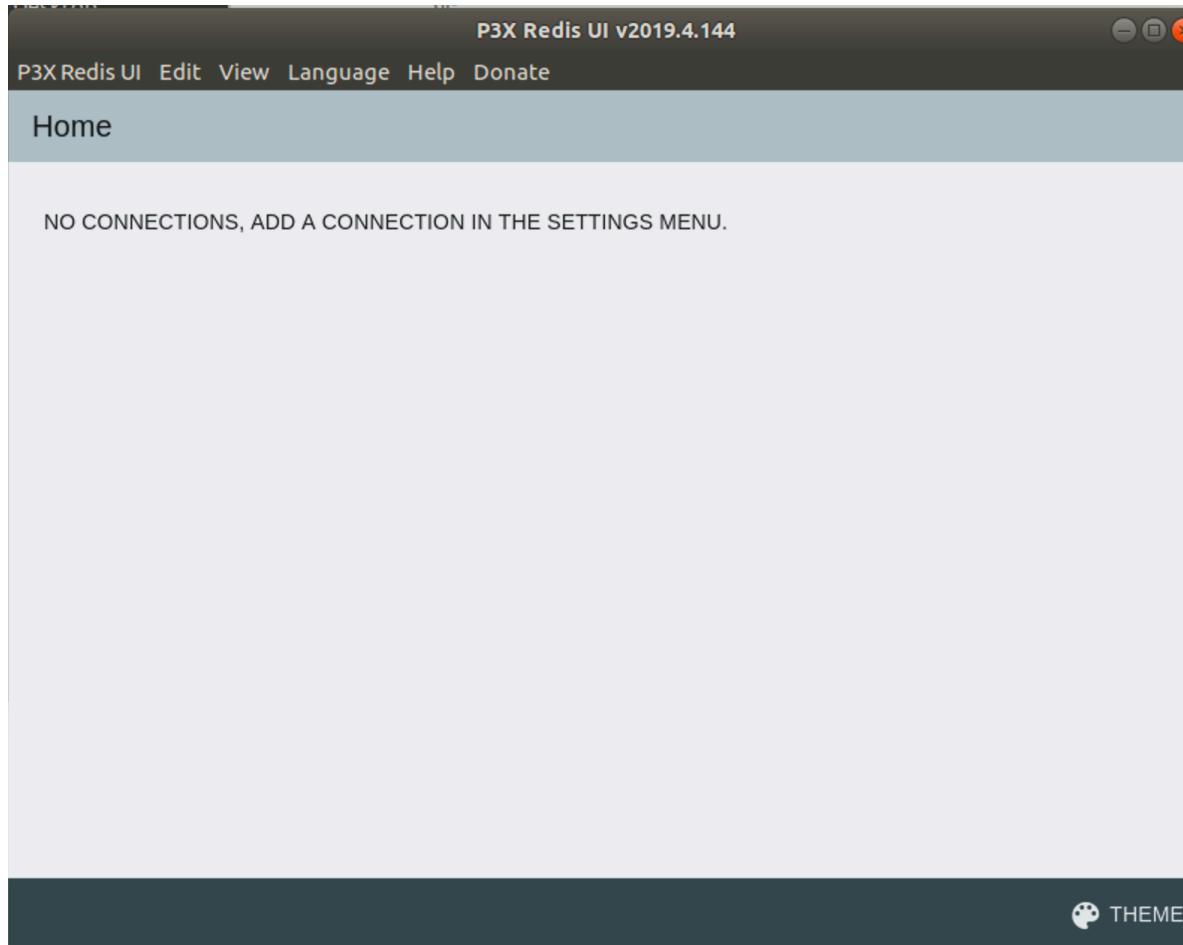
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Passo 9: Se a janela abaixo se abrir, confirme clicando em 'Yes'



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Passo 10: O aplicativo foi aberto e está pronto para uso.



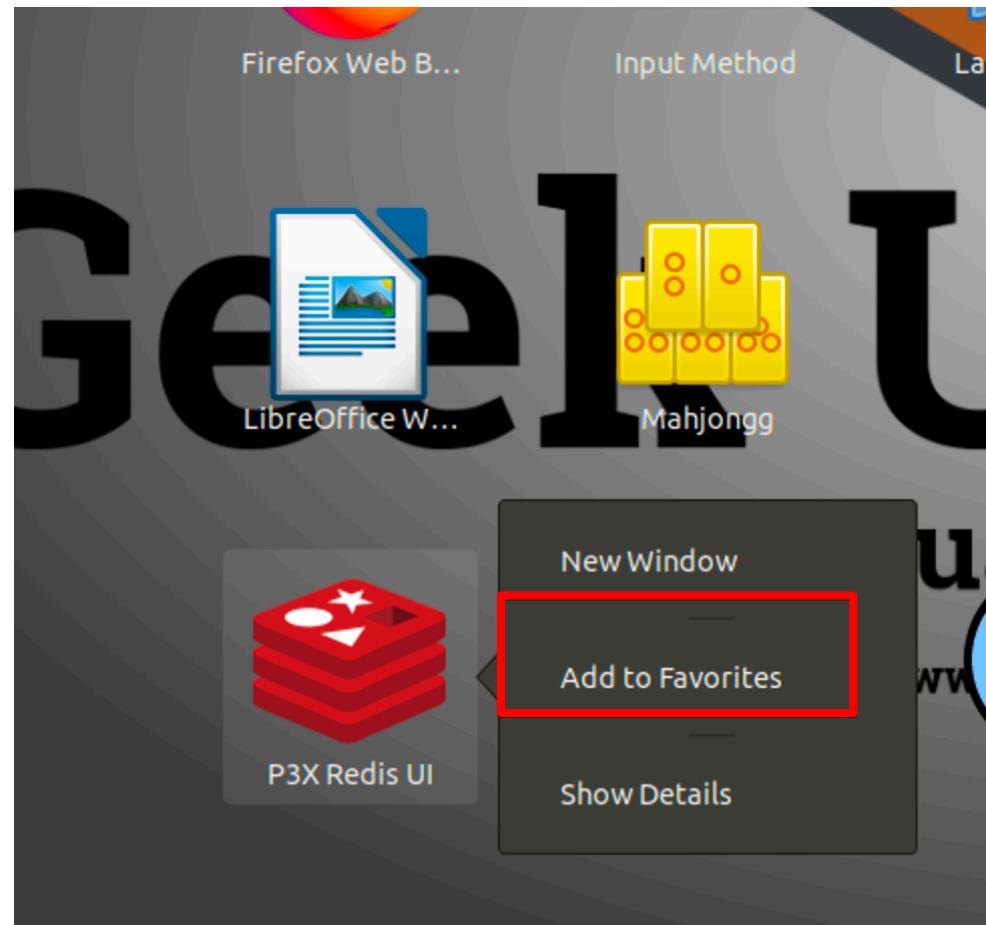
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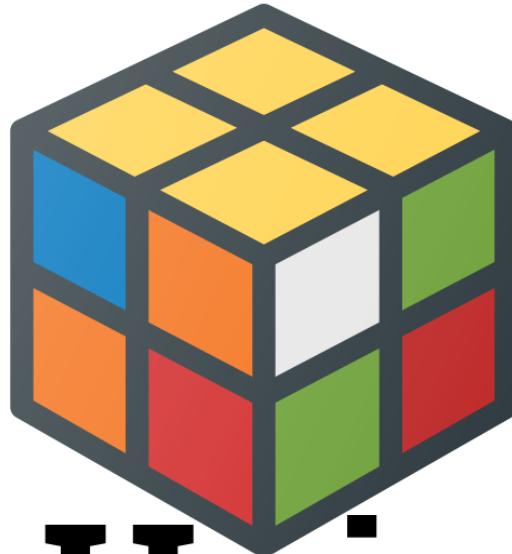
Passo 11: Você encontra o cliente gráfico do Redis também na lista de aplicações.



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Passo 12: Você poderá adicioná-lo nos favoritos clicando com o botão direito e selecionando a opção.





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