

. LOCATE COMMAND

The locate command finds files in linux using the file name . locate is used for obtaining instantaneous results , and it is an essential utility when speed is a priority . The command performs the search using a database containing bits of files with the corresponding paths in the system .

```
@foreman:~$ locate
'locate' not found, but can be installed with:
t install plocate
@foreman:~$ sudo apt update
Get:1 http://archive.ubuntu.com/ubuntu jammy InRelease
package lists... Done
g dependency tree... Done
g state information... Done
Packages are up to date.
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@foreman:~$ sudo apt install mlocate
package lists... Done
g dependency tree... Done
g state information... Done
Following packages were automatically installed and are no longer required:
shimoni libbsd1-2 liblvm1 linux-image-5.15.0-43-generic linux-modules-5.15.0-43-generic linux-modules-extra-5.15.0-43-generic
o apt autoremove? to remove them.
g additional packages will be installed:
e
Following NEW packages will be installed:
e plocate
ed, 2 newly installed, 0 to remove and 0 not upgraded.
lly installed or removed.
get 131 kB of archives.
ts operation, 527 kB of additional disk space will be used.
Want to continue? [Y/n] y
tp://archive.ubuntu.com/ubuntu jammy/main amd64 plocate amd64 1.1.15-1ubuntu2 [129 kB]
tp://archive.ubuntu.com/ubuntu jammy/main amd64 mlocate all 1.1.15-1ubuntu2 [1,670 B]
131 kB (in 14s (9,187 B/s))
g previously unselected package plocate.
g database ... 272120 files and directories currently installed.)
g to unpack .../plocate_1.1.15-1ubuntu2_amd64.deb ...
g plocate (1.1.15-1ubuntu2) ...
g previously unselected package mlocate.
g to unpack .../mlocate_1.1.15-1ubuntu2_all.deb ...
g mlocate (1.1.15-1ubuntu2) ...
up plocate (1.1.15-1ubuntu2) ...
Alternatives: using /usr/bin/plocate to provide /usr/bin/locate (locate) in auto mode
roup 'plocate' (GID 144) ...

Linking locate database; this may take some time... done
symlink /etc/systemd/system/timers.target.wants/plocate-updatedb.timer → /lib/systemd/system/plocate-updatedb.timer.
up foreman (9999-3.6.0-focal+scratchbuild+20230207085823+ubuntu2004) ...
/foreman-ruby: No such file or directory -- /usr/bin/bundle2.7 (LoadError)
ror processing package foreman (--configure):
ed foreman package post-installation script subprocess returned error exit status 1
up mlocate (1.1.15-1ubuntu2) ...
tooverride: warning: no override present
endency problems prevent configuration of foreman-service:
-service depends on foreman (= 9999-3.6.0-focal+scratchbuild+20230207085823+ubuntu2004); however:
e foreman is not configured yet.

ror processing package foreman-service (--configure):
ncy problems - leaving unconfigured
endency problems prevent configuration of foreman-postgresql:
-postgresql depends on foreman (= 9999-3.6.0-focal+scratchbuild+20230207085823+ubuntu2004); however:
e foreman is not configured yet.

t report written because the error message indicates its a followup error from a previous failure.
No apt report written because the error message indicates its a followup error from a previous failure

ror processing package foreman-postgresql (--configure):
ncy problems - leaving unconfigured
endency problems prevent configuration of foreman-dynflow-sidekiq:
-dynflow-sidekiq depends on foreman (= 9999-3.6.0-focal+scratchbuild+20230207085823+ubuntu2004); however:
```

```

is operation, 527 kB of additional disk space will be used.
Want to continue? [Y/n] y
http://archive.ubuntu.com/ubuntu jammy/main amd64 plocate amd64 1.1.15-1ubuntu2 [129 kB]
http://archive.ubuntu.com/ubuntu jammy/main amd64 mlocate all 1.1.15-1ubuntu2 [1,070 B]
131 kB in 14s (9,187 B/s)
g previously unselected package plocate.
g database ... 273126 files and directories currently installed.)
g to unpack .../plocate_1.1.15-1ubuntu2_amd64.deb ...
g plocate (1.1.15-1ubuntu2) ...
g previously unselected package mlocate.
g to unpack .../mlocate_1.1.15-1ubuntu2_all.deb ...
g mlocate (1.1.15-1ubuntu2) ...
up plocate (1.1.15-1ubuntu2) ...
Alternatives: using /usr/bin/plocate to provide /usr/bin/locate (locate) in auto mode
roup 'plocate' (GID 144) ...

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symlink /etc/systemd/system/timers.target.wants/plocate-updatedb.timer → /lib/systemd/system/plocate-updatedb.timer.
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e foreman is not configured yet.

ror processing package foreman-service (--configure):
ncy problems - leaving unconfigured
endency problems prevent configuration of foreman-postgresql:
-postgresql depends on foreman (= 9999-3.6.0-focal+scratchbuild+20230207085823+ubuntu2004); however:
e foreman is not configured yet.

t report written because the error message indicates its a followup error from a previous failure.
No apport report written because the error message indicates its a followup error from a previous failure

ror processing package foreman-postgresql (--configure):
ncy problems - leaving unconfigured
endency problems prevent configuration of foreman-dynflow-sidekiq:
-dynflow-sidekiq depends on foreman (= 9999-3.6.0-focal+scratchbuild+20230207085823+ubuntu2004); however:
e foreman is not configured yet.

ror processing package foreman-dynflow-sidekiq (--configure):
ncy problems - leaving unconfigured
t report written because MaxReports is reached already
Processing triggers for man-db (2.10.2-1) ...

ere encountered while processing:
--service
--postgresql
--dynflow-sidekiq
rocess /usr/bin/dpkg returned an error code (1)
@foreman: $

```

```

himanshu@foreman:~$ sudo yum -y update
sudo: yum: command not found
himanshu@foreman:~$ sudo yum install mlocate
sudo: yum: command not found
himanshu@foreman:~$ locate
plocate: no pattern to search for specified
himanshu@foreman:~$ locate mysql
/etc/apparmor.d/abstractions/mysql
/opt/puppetlabs/puppet/share/augeas/lenses/dist/mysql.aug
/opt/puppetlabs/puppet/share/augeas/lenses/dist/tests/test_mysql.aug
/snap/core20/1778/etc/apparmor.d/abstractions/mysql
/snap/core20/1778/usr/share/bash-completion/completions/mysql
/snap/core20/1778/usr/share/bash-completion/completions/mysqladmin
/snap/core20/1822/etc/apparmor.d/abstractions/mysql
/snap/core20/1822/usr/share/bash-completion/completions/mysql
/snap/core20/1822/usr/share/bash-completion/completions/mysqladmin
/usr/share/augeas/lenses/dist/mysql.aug
/usr/share/augeas/lenses/dist/tests/test_mysql.aug
/usr/share/bash-completion/completions/mysql
/usr/share/bash-completion/completions/mysqladmin
/usr/share/foreman-installer/modules/candlepin/manifests/database/mysql.pp
/usr/share/libreoffice/help/en-US/text/sdatabase/dabawiz02mysql.html
/usr/share/vim/vim82/syntax/mysql.vim

```


[illegible]

. FIND COMMAND

The FIND command is used to search and locate the list of files and directories based on conditions you specify for files that match the arguments . FIND command can be used in a variety of conditions like you can find files by permissions , users , groups , file types , date , size , and other possible criteria .


```
himanshu@foreman:~$ tree -a gfg
Command 'tree' not found, but can be installed with:
sudo snap install tree # version 1.8.0+pkg-3fd6, or
sudo apt install tree # version 2.0.2-1
See 'snap info tree' for additional versions.
himanshu@foreman:~$ find ./GFG -name sample.txt
find: './GFG': No such file or directory
himanshu@foreman:~$ find ./GFG -name
find: missing argument to '-name'
himanshu@foreman:~$ find file1
file1
himanshu@foreman:~$ find file2
find: 'file2': No such file or directory
himanshu@foreman:~$ find file 2
file
find: '2': No such file or directory
himanshu@foreman:~$ find $HOME -atime +30
himanshu@foreman:~$ sudo -iname
usage: sudo -h | -K | -k | -V
usage: sudo -v [-ABknS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-ABknS] [-g group] [-h host] [-p prompt] [-U user] [-u user] [command]
usage: sudo [-ABbEHknPS] [-r role] [-t type] [-C num] [-D directory] [-g group] [-h host] [-p prompt] [-R direct
usage: sudo -e [-ABknS] [-r role] [-t type] [-C num] [-D directory] [-g group] [-h host] [-p prompt] [-R direct
himanshu@foreman:~$
```

```
himanshu@foreman:~$ find ./GFG
find: './GFG': No such file or directory
himanshu@foreman:~$ find ./GFG file 1
find: './GFG': No such file or directory
file
find: '1': No such file or directory
himanshu@foreman:~$
```