



Linux Ubuntu 26.04 Manual Pages on command 'add-apt-repository.1'

\$ man add-apt-repository.1

add-apt-repository(1) General Commands Manual add-apt-repository(1)

NAME

add-apt-repository - Adds a repository into the /etc/apt/sources.list or /etc/apt/sources.list.d or removes an existing one

SYNOPSIS

add-apt-repository [OPTIONS] [LINE]

DESCRIPTION

add-apt-repository is a script which adds an external APT repository to either /etc/apt/sources.list or a file in /etc/apt/sources.list.d/ or removes an already existing repository.

OPTIONS

Note that the --list, --ppa, --cloud, --uri, --sourceslist, and LINE parameters are mutually exclusive; only one (or none) of them may be specified.

-h, --help

Show help message and exit.

-d, --debug

Print debug information to the command line.

-r, --remove

Remove the specified repository.

This first will disable (comment out) the matching line(s), and then any modified file(s) under sources.list.d/ will be removed if they contain only empty and commented lines.

Note that this performs differently when used with the --enable-source and/or --com?

ponent parameters. Without either of those parameters, this removes the specified repository, including any deb-src line(s), and all components. If --enable-source is used, this disables only the 'deb-src' line(s). If --component is used, this removes only the specified component(s), and only removes the repository if no components remain.

If both --enable-source and --component are used with --remove, the actions are performed separately: the specified component(s) will be removed from both deb and deb-src lines, and deb-src lines will be disabled.

-y, --yes

Assume yes to all queries.

-n, --no-update

After adding the repository, do not update the package cache.

-l, --login

Login to Launchpad (this is only needed for private PPAs).

Existing authentication token will be used or a request to interactively authorize a new one will be made. It will be saved in the desktop keyring (when available). To instead store authentication token in a file, specify one via environment variable LP_CREDENTIALS_FILE.

-s, --enable-source

Allow downloading of the source packages from the repository.

This adds and enables a 'deb-src' line for the repository.

If this parameter is used without any repository, it will enable all currently existing disabled source repository (deb-src) entries that have a corresponding enabled binary repository (deb) entry.

If this parameter is used twice without any repository, it will also add missing source repository entries for all existing binary repository (deb) entries.

-c, --component

Which component(s) should be used with the specified repository.

If not specified, this will default to main. This may be used multiple times to specify multiple components.

If this is used without any repository, it will add the component(s) to all currently existing (enabled) repositories, but only if listed in the main sources.list file.

-p, --pocket

What pocket to use.

Defaults to none, which is equivalent to the release pocket.

If this is used without any repository, it will add the pocket to all currently existing repositories, but only if listed in the main sources.list file. It will use

the components currently configured with the release pocket, or if that is not currently configured, it will use the main and restricted components.

currently configured, it will use the main and restricted components.

--dry-run

Show what would be done, but don't make any changes.

-L, --list

List currently configured repositories.

This will only list enabled repositories; it will not show disabled repository lines.

By default, this shows only binary (deb) repositories. If --enable-source is also

used, this will also show source (deb-src) repositories.

-P, --ppa

Add an Ubuntu Launchpad Personal Package Archive.

Must be in the format ppa:USER/PPA, USER/PPA, or USER.

The USER parameter should be the Launchpad team or person that owns the PPA. The PPA parameter should be the name of the PPA; if not provided, it defaults to 'ppa'.

The GPG public key of the PPA will also be downloaded and added to apt's keyring.

To add a private PPA, you must also use the --login parameter, and of course you must also be subscribed to the private PPA.

-C, --cloud

Add an Ubuntu Cloud Archive.

Must be in the format cloud-archive:CANAME, uca:CANAME, or CANAME.

The CANAME parameter should be the name of the Cloud Archive. The CANAME parameter may optionally be suffixed with the pocket, as either -updates or -proposed. If not specified, the pocket defaults to -updates.

-U, --uri

Add an archive, specified as a single URI.

If the URI provided is detected to be a PPA, this will operate as if the --ppa parameter was used.

-S, --sourceslist

Add an archive, specified as a full source entry line in one-line sources.list for?

mat.

This must follow the ONE-LINE-STYLE format as described in the sources.list manpage.

If the URI provided is detected to be a PPA, this will operate as if the `--ppa para?`

meter was used.

LINE

LINE is a deprecated method to specify the repository to add/remove, provided only for back?

wards compatibility. It can be specified in any of the supported formats: sources.list

line, plain uri, ppa shortcut, or cloud-archive shortcut. It can also be specified as one

or more valid component(s). The script will attempt to detect which format is provided.

This is not recommended as the autodetection of which line format is intended can be ambigu?

ous, but older scripts may still use this method of specifying the repository.

One special case of LINE is providing the value `-`, which will then read the LINE from stdin.

EXAMPLES

```
add-apt-repository -P ppa:user/repository
```

```
add-apt-repository -P user/repository
```

```
add-apt-repository -C cloud-archive:queens
```

```
add-apt-repository -C uca:queens
```

```
add-apt-repository -C queens
```

```
add-apt-repository -S 'deb http://myserver/path/to/repo stable main'
```

```
add-apt-repository -S deb http://myserver/path/to/repo stable main
```

```
add-apt-repository -U http://myserver/path/to/repo -c main
```

```
add-apt-repository -U https://packages.medibuntu.org -c free -c non-free
```

```
add-apt-repository -U http://extras.ubuntu.com/ubuntu
```

```
add-apt-repository -s
```

```
add-apt-repository -L
```

```
add-apt-repository -s -r
```

```
add-apt-repository -c universe
```

```
add-apt-repository -r -c multiverse
```

DEPRECATED EXAMPLES

```
add-apt-repository deb http://myserver/path/to/repo stable main
```

```
add-apt-repository http://myserver/path/to/repo main
```

```
add-apt-repository https://packages.medibuntu.org free non-free
```

```
add-apt-repository http://extras.ubuntu.com/ubuntu
```

add-apt-repository multiverse

SEE ALSO

`sources.list(5)` `apt-get(8)`

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