

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 **--component** 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).

-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.

--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 format.

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* parameter was used.

LINE

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