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```
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```

```
# `conda search`#
```

Search for packages and display associated information using the MatchSpec format.

MatchSpec is a query language for conda packages.

```
usage: conda search [-h] [--envs] [-i] [--subdir SUBDIR]  
                  [--skip-flexible-search] [-c CHANNEL] [--use-local]  
                  [--override-channels] [--repodata-fn REPODATA_FNS]  
                  [--experimental {jlap,lock}] [--no-lock]  
                  [--repodata-use-zst | --no-repodata-use-zst] [-C] [-k]  
                  [--offline] [--json] [--console CONSOLE] [-v] [-q]
```

Named Arguments#

`--envs`

Search all of the current user's environments. If run as Administrator (on Windows) or UID 0 (on unix), search all known environments on the system.

`-i, --info`

Provide detailed information about each package.

`--subdir, --platform`

Search the given subdir. Should be formatted like 'osx-64', 'linux-32', 'win-64', and so on. The default is to search the current platform.

`--skip-flexible-search`

Do not perform flexible search if initial search fails.

Channel Customization#

``-c, --channel``

Additional channel to search for packages. These are URLs searched in the order they are given (including local directories using the '<file:///>' syntax or simply a path like '/home/conda/mychan' or '../mychan'). Then, the defaults or channels from .condarc are searched (unless --override-channels is given). You can use 'defaults' to get the default packages for conda. You can also use any name and the .condarc channel_alias value will be prepended. The default channel_alias is <https://conda.anaconda.org/>.

``--use-local``

Use locally built packages. Identical to '-c local'.

``--override-channels``

Do not search default or .condarc channels. Requires --channel.

``--reodata-fn``

Specify file name of repodata on the remote server where your channels are configured or within local backups. Conda will try whatever you specify, but will ultimately fall back to repodata.json if your specs are not satisfiable with what you specify here. This is used to employ repodata that is smaller and reduced in time scope. You may pass this flag more than once. Leftmost entries are tried first, and the fallback to repodata.json is added for you automatically. For more information, see `conda config --describe repodata_fns`.

`--experimental``

Possible choices: `jlap`, `lock`

`jlap`: Download incremental package index data from repodata.jlap; implies 'lock'. `lock`: use locking when reading, updating index (repodata.json) cache. Now enabled.

`--no-lock``

Disable locking when reading, updating index (repodata.json) cache.

`--repodata-use-zst, --no-repodata-use-zst``

Check for/do not check for repodata.json.zst. Enabled by default. (default: Null)

Networking Options#

``-C, --use-index-cache``

Use cache of channel index files, even if it has expired. This is useful if you don't want conda to check whether a new version of the repodata file exists, which will save bandwidth.

``-k, --insecure``

Allow conda to perform "insecure" SSL connections and transfers. Equivalent to setting 'ssl_verify' to 'false'.

``--offline``

Offline mode. Don't connect to the Internet.

Output, Prompt, and Flow Control Options#

`--json`

Report all output as json. Suitable for using conda programmatically.

`--console`

Select the backend to use for normal output rendering.

`-v, --verbose`

Can be used multiple times. Once for detailed output, twice for INFO logging, thrice for DEBUG logging, four times for TRACE logging.

`-q, --quiet`

Do not display progress bar.

Examples:

Search for a specific package named 'scikit-learn':

```
conda search scikit-learn
```

Search for packages containing 'scikit' in the package name:

```
conda search *scikit*
```

Note that your shell may expand '*' before handing the command over to conda.

Therefore, it is sometimes necessary to use single or double quotes around the query:

```
conda search '*scikit'
```

```
conda search "*scikit"
```

Search for packages for 64-bit Linux (by default, packages for your current platform are shown):

```
conda search numpy[subdir=linux-64]
```

Search for a specific version of a package:

```
conda search 'numpy>=1.12'
```

Search for a package on a specific channel:

```
conda search conda-forge::numpy
```

```
conda search 'numpy[channel=conda-forge, subdir=osx-64]'
```

__On this page

* Named Arguments

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- * Networking Options
- * Output, Prompt, and Flow Control Options

[[__Edit on](#)

GitHub](https://github.com/conda/conda/edit/main/docs/source/commands/search.rst)

[[__Show Source](#)](../_sources/commands/search.rst.txt)

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