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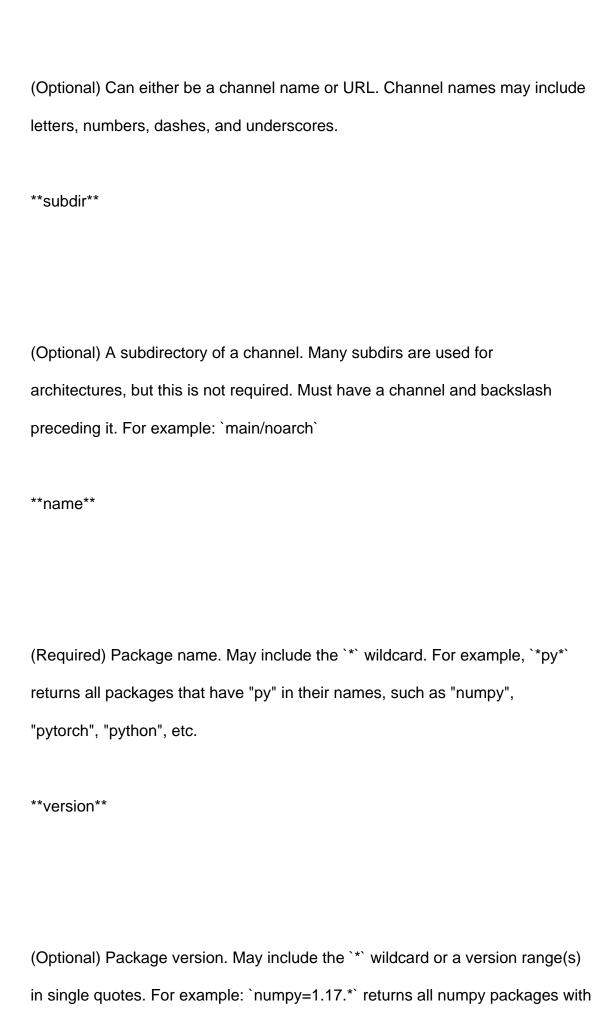
[`

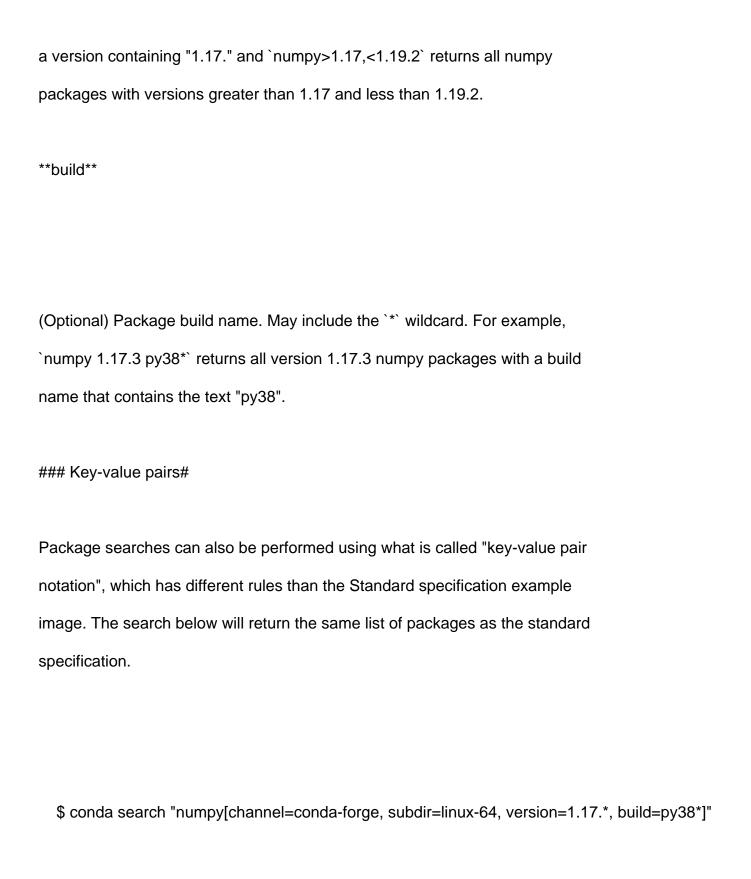
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 * Package...
# Package search and install specifications#
Conda supports the following specifications for `conda search` and `conda
install`.
## Package search#
`conda search` for a specific package or set of packages can be accomplished
in several ways. This section includes information on the standard
specification and the use of key-value pairs.
### Standard specification#
[![../../_images/conda_search.png](../../_images/conda_search.png)](../../_images/conda_search.png
**channel**
```

)





This notation supports the following key-value pairs:

- build # validated via GlobStrMatch
- build_number # validated via BuildNumberMatch
- channel # validated via ChannelMatch
- features # validated via FeatureMatch
- fn # validated via ExactStrMatch
- license # validated via CaseInsensitiveStrMatch
- license_family # validated via CaseInsensitiveStrMatch
- md5 # validated via ExactStrMatch
- name # validated via GlobLowerStrMatch
- sha256 # validated via ExactStrMatch
- subdir # validated via ExactStrMatch
- track_features # validated via FeatureMatch
- url # validated via ExactStrMatch
- version # validated via VersionSpec

Key-value pair notation can be used at the same time as standard notation.

\$ conda search "conda-forge::numpy=1.17.3[subdir=linux-64, build=py38*]"

Warning

Any search values using the key-value pair notation will override values in the rest of the search string. For example, `conda search numpy 1.17.3[version=1.19.2]` will return packages with the version `1.19.2`.

Package installation#

When you're installing packages, conda recommends being as concrete as possible. Using `*` wildcards and version ranges during an install will most likely cause a conflict.

However, `*` wildcards can still be helpful in an install command when used sparingly.

Installing with wildcards#

Let's say you are working on a project that requires version 2.3 of a package. If you upgrade to 2.4 or 3.0, your project will break. You're also using an environment file to create your environment.

In the version `2.3.1`, `2` is the major version, `3` is the minor version, and `1` is the patch. Patches typically contain bug fixes, so if you want to keep version `2.3` in your environment without updating to `2.4` or `3.0`, but want to take advantage of any bug fixes, using `2.3.*` in your environment file would be helpful to you.

Concrete install example#

Let's take the search from the Package search section.

