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# `conda compare`` #

Compare packages between conda environments.

usage: conda compare [-h] [--json] [--console CONSOLE] [-v] [-q]  
                  [-n ENVIRONMENT | -p PATH]  
                  file

## Positional Arguments#

``file``

Path to the environment file that is to be compared against.

## ## 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.

## ## Target Environment Specification#

`-n, --name`

Name of environment.

`-p, --prefix`

Full path to environment location (i.e. prefix).

Examples:

Compare packages in the current environment with respect to 'environment.yml'  
located in the current working directory:

```
conda compare environment.yml
```

Compare packages installed into the environment 'myenv' with respect to  
'environment.yml' in a different directory:

```
conda compare -n myenv path/to/file/environment.yml
```

\_\_On this page

- \* Positional Arguments
- \* Output, Prompt, and Flow Control Options
- \* Target Environment Specification

[ \_\_Edit on

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

[ \_\_Show Source]([./\\_sources/commands/compare.rst.txt](https://github.com/conda/conda/blob/main/docs/source/commands/compare.rst))

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