



Linux Ubuntu 26.04 Manual Pages on command 'npm-query.1'

\$ man npm-query.1

NPM-QUERY(1)

General Commands Manual

NPM-QUERY(1)

NAME

npm-query

Synopsis

<!-- AUTOGENERATED USAGE DESCRIPTIONS -->

Description

The npm query command allows for usage of css selectors in order to retrieve an array of dependency objects.

Piping npm query to other commands

```
# find all dependencies with postinstall scripts & uninstall them
npm query ":attr(scripts, [postinstall])" | jq 'map(.name)|join("\n")' -r | xargs -I {} npm uninstall {}

# find all git dependencies & explain who requires them
npm query ":type(git)" | jq 'map(.name)' | xargs -I {} npm why {}
```

Extended Use Cases & Queries

```
// all deps
*

// all direct deps
:root > *

// direct production deps
:root > .prod

// direct development deps
:root > .dev

// any peer dep of a direct deps
```

```

:root > * > .peer

// any workspace dep

.workspace

// all workspaces that depend on another workspace

.workspace > .workspace

// all workspaces that have peer deps

.workspace:has(.peer)

// any dep named "lodash"

// equivalent to [name="lodash"]

#lodash

// any deps named "lodash" & within semver range ^"1.2.3"

#lodash@^1.2.3

// equivalent to...

[name="lodash"]:semver(^1.2.3)

// get the hoisted node for a given semver range

#lodash@^1.2.3:not(:deduped)

// querying deps with a specific version

#lodash@2.1.5

// equivalent to...

[name="lodash"][version="2.1.5"]

// has any deps

:has(*)

// deps with no other deps (ie. "leaf" nodes)

:empty

// manually querying git dependencies

[repository^=github:],

[repository^=git:],

[repository^=https://github.com],

[repository^=http://github.com],

[repository^=https://github.com],

[repository^=+git:...]

// querying for all git dependencies

:type(git)

```

```
// get production dependencies that aren't also dev deps
.prod:not(.dev)

// get dependencies with specific licenses
[license=MIT], [license=ISC]

// find all packages that have @ruyadorno as a contributor
:attr(contributors, [email=ruyadorno@github.com])
```

Example Response Output

? an array of dependency objects is returned which can contain multiple copies of the same package which may or may not have been linked or deduped

```
[
  {
    "name": "",
    "version": "",
    "description": "",
    "homepage": "",
    "bugs": {},
    "author": {},
    "license": {},
    "funding": {},
    "files": [],
    "main": "",
    "browser": "",
    "bin": {},
    "man": [],
    "directories": {},
    "repository": {},
    "scripts": {},
    "config": {},
    "dependencies": {},
    "devDependencies": {},
    "optionalDependencies": {},
    "bundledDependencies": {},
    "peerDependencies": {},
```

"peerDependenciesMeta": {},

"engines": {},

"os": [],

"cpu": [],

"workspaces": {},

"keywords": [],

...

},

...

Configuration

<!-- AUTOGENERATED CONFIG DESCRIPTIONS -->

See Also

? dependency selectors

9.2.0

March 2026

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