# Command Shortcuts

Package managers that execute scripts from a package.json or deno.json file can be shortened when in concurrently.

The following are supported:

| **Syntax** | **Expands to** |
| --- | --- |
| npm:<script> | npm run <script> |
| pnpm:<script> | pnpm run <script> |
| yarn:<script> | yarn run <script> |
| bun:<script> | bun run <script> |
| node:<script> | node --run <script> |
| deno:<script> | deno task <script> |

[!NOTE]

node --run is only available from [Node 22 onwards](https://nodejs.org/en/blog/announcements/v22-release-announce#running-packagejson-scripts).

For example, given the following package.json contents:

{

// ...

"scripts": {

"lint:js": "...",

"lint:ts": "...",

"lint:fix:js": "...",

"lint:fix:ts": "..."

// ...

}

// ...

}

It's possible to run some of these with the following command line:

$ concurrently "pnpm:lint:js"

# Is equivalent to

$ concurrently -n lint:js "pnpm run lint:js"

Note that the command automatically receives a name equal to the script name.

If you have several scripts with similar name patterns, you can use the \* wildcard to run all of them at once.

The spawned commands will receive names set to whatever the `\*` wildcard matched.

$ concurrently "npm:lint:fix:\*"

# is equivalent to

$ concurrently -n js,ts "npm run lint:fix:js" "npm run lint:fix:ts"

If you specify a command name when using wildcards, it'll be a prefix of what the \* wildcard matched:

$ concurrently -n fix: "npm:lint:fix:\*"

# is equivalent to

$ concurrently -n fix:js,fix:ts "npm run lint:fix:js" "npm run lint:fix:ts"

Filtering out commands matched by wildcard is also possible. Do this with by including (!<some pattern>) in the command line:

$ concurrently 'yarn:lint:\*(!fix)'

# is equivalent to

$ concurrently -n js,ts "yarn run lint:js" "yarn run lint:ts"

[!NOTE] If you use this syntax with double quotes ("), bash and other shells might fail parsing it. You'll need to escape the !, or use single quote (') instead.

See [here](https://serverfault.com/a/208266/160539) for more information.