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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'npm-install-ci-test.1' command

\$ man npm-install-ci-test.1

NPM-INSTALL-CI-TEST(1)

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NAME

npm-install-ci-test - Install a project with a clean slate and run tests

Synopsis

npm install-ci-test

alias: cit

Description

This command runs npm ci followed immediately by npm test.

Configuration

save

? Default: true unless when using npm update where it defaults to false

? Type: Boolean

Save installed packages to a package.json file as dependencies.

When used with the npm rm command, removes the dependency from package.json.

Will also prevent writing to package-lock.json if set to false.

save-exact

? Default: false

? Type: Boolean

Dependencies saved to package.json will be configured with an exact version rather than using npm's default semver range operator.

global

? Default: false

? Type: Boolean

Operates in "global" mode, so that packages are installed into the prefix folder instead of the current working directory. See npm help folders for more on the differences in behavior.

? packages are installed into the {prefix}/lib/node_modules folder, instead of the current working directory.

? bin files are linked to {prefix}/bin

? man pages are linked to {prefix}/share/man

global-style

? Default: false

? Type: Boolean

Causes npm to install the package into your local node_modules folder with the same layout it uses with the global node_modules folder. Only your direct dependencies will show in node_modules and everything they depend on will be flattened in their node_modules folders. This obviously will eliminate some deduping. If used with legacy-bundling, legacy-bundling will be preferred.

legacy-bundling

? Default: false

? Type: Boolean

Causes npm to install the package such that versions of npm prior to 1.4, such as the one included with node 0.8, can install the package. This eliminates all automatic deduping. If used with global-style this option will be preferred.

omit

? Default: 'dev' if the NODE_ENV environment variable is set to 'production', otherwise empty.

? Type: "dev", "optional", or "peer" (can be set multiple times)

Dependency types to omit from the installation tree on disk.

Note that these dependencies are still resolved and added to the package-lock.json or npm-shrinkwrap.json file. They are just not physically installed on disk.

If a package type appears in both the --include and --omit lists, then it will be included.

If the resulting omit list includes 'dev', then the NODE_ENV environment variable will be set to 'production' for all lifecycle scripts.

strict-peer-deps

? Default: false

? Type: Boolean

If set to true, and --legacy-peer-deps is not set, then any conflicting peerDependencies will be treated as an install failure, even if npm could reasonably guess the appropriate resolution based on non-peer dependency relationships.

By default, conflicting peerDependencies deep in the dependency graph will be resolved using the nearest non-peer dependency specification, even if doing so will result in some packages receiving a peer dependency outside the range set in their package's peerDependencies object.

When such an override is performed, a warning is printed, explaining the conflict and the packages involved. If --strict-peer-deps is set, then this warning is treated as a failure.

package-lock

? Default: true

? Type: Boolean

If set to false, then ignore package-lock.json files when installing.

This will also prevent writing package-lock.json if save is true.

This configuration does not affect npm ci.

foreground-scripts

? Default: false

? Type: Boolean

Run all build scripts (ie, preinstall, install, and postinstall) scripts for installed packages in the foreground process, sharing standard input, output, and error with the main npm process.

Note that this will generally make installs run slower, and be much noisier, but can be useful for debugging.

ignore-scripts

? Default: false

? Type: Boolean

If true, npm does not run scripts specified in package.json files.

Note that commands explicitly intended to run a particular script, such as `npm start`, `npm stop`, `npm restart`, `npm test`, and `npm run-script` will still run their intended script if `ignore-scripts` is set, but they will not run any pre- or post-scripts.

audit

? Default: true

? Type: Boolean

When "true" submit audit reports alongside the current npm command to the default registry and all registries configured for scopes. See the documentation for `npm help audit` for details on what is submitted.

bin-links

? Default: true

? Type: Boolean

Tells npm to create symlinks (or `.cmd` shims on Windows) for package executables.

Set to false to have it not do this. This can be used to work around the fact that some file systems don't support symlinks, even on ostensibly Unix systems.

fund

? Default: true

? Type: Boolean

When "true" displays the message at the end of each `npm install` acknowledging the number of dependencies looking for funding. See `npm help fund` for details.

dry-run

? Default: false

? Type: Boolean

Indicates that you don't want npm to make any changes and that it should only report what it would have done. This can be passed into any of the commands that modify your local installation, eg, `install`, `update`

date, dedupe, uninstall, as well as pack and publish.

Note: This is NOT honored by other network related commands, eg dist-tags, owner, etc.

workspace

? Default:

? Type: String (can be set multiple times)

Enable running a command in the context of the configured workspaces of the current project while filtering by running only the workspaces defined by this configuration option.

Valid values for the workspace config are either:

? Workspace names

? Path to a workspace directory

? Path to a parent workspace directory (will result in selecting all workspaces within that folder)

When set for the npm init command, this may be set to the folder of a workspace which does not yet exist, to create the folder and set it up as a brand new workspace within the project.

This value is not exported to the environment for child processes.

workspaces

? Default: null

? Type: null or Boolean

Set to true to run the command in the context of all configured workspaces.

Explicitly setting this to false will cause commands like install to ignore workspaces altogether. When not set explicitly:

? Commands that operate on the node_modules tree (install, update, etc.) will link workspaces into the node_modules folder. - Commands that do other things (test, exec, publish, etc.) will operate on the root project, unless one or more workspaces are specified in the workspace config.

This value is not exported to the environment for child processes.

include-workspace-root

? Default: false

? Type: Boolean

Include the workspace root when workspaces are enabled for a command.

When `false`, specifying individual workspaces via the workspace config, or all workspaces via the `workspaces` flag, will cause `npm` to operate only on the specified workspaces, and not on the root project.

This value is not exported to the environment for child processes.

install-links

? Default: false

? Type: Boolean

When `set file: protocol dependencies` that exist outside of the project root will be packed and installed as regular dependencies instead of creating a symlink. This option has no effect on workspaces.

See Also

? `npm help install-test`

? `npm help ci`

? `npm help test`

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