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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'npmrc.5' command

$ man npmrc.5

NPMRC(5)   NPMRC(5)

NAME

   npmrc - The npm config files

Description

   npm gets its config settings from the command line, environment vari?

   ables, and npmrc files.

   The npm config command can be used to update and edit the contents of

   the user and global npmrc files.

   For a list of available configuration options, see npm help config.

Files

   The four relevant files are:

   ? per-project config file (/path/to/my/project/.npmrc)

   ? per-user config file (~/.npmrc)

   ? global config file ($PREFIX/etc/npmrc)

   ? npm builtin config file (/path/to/npm/npmrc)

   All npm config files are an ini-formatted list of key = value parame?

   ters. Environment variables can be replaced using ${VARIABLE_NAME}.

   For example:

     prefix = ${HOME}/.npm-packages

   Each of these files is loaded, and config options are resolved in pri?

   ority order. For example, a setting in the userconfig file would over?

   ride the setting in the globalconfig file.

   Array values are specified by adding "[]" after the key name. For exam?

ple:

```
key[] = "first value"

key[] = "second value"
```

Comments

Lines in .npmrc files are interpreted as comments when they begin with

a ; or # character. .npmrc files are parsed by npm/ini

https://github.com/npm/ini, which specifies this comment syntax.

For example:

```
# last modified: 01 Jan 2016

; Set a new registry for a scoped package

@myscope:registry=https://mycustomregistry.example.org
```

Per-project config file

When working locally in a project, a .npmrc file in the root of the

project (ie, a sibling of node_modules and package.json) will set con?

fig values specific to this project.

Note that this only applies to the root of the project that you're run?

ning npm in. It has no effect when your module is published. For ex?

ample, you can't publish a module that forces itself to install glob?

ally, or in a different location.

Additionally, this file is not read in global mode, such as when run?

ning npm install -g.

Per-user config file

$HOME/.npmrc (or the userconfig param, if set in the environment or on

the command line)

Global config file

$PREFIX/etc/npmrc (or the globalconfig param, if set above): This file

is an ini-file formatted list of key = value parameters.   Environment

variables can be replaced as above.

Built-in config file

path/to/npm/itself/npmrc

This is an unchangeable "builtin" configuration file that npm keeps

consistent across updates. Set fields in here using the ./configure

script that comes with npm. This is primarily for distribution main?

tainers to override default configs in a standard and consistent man?

ner.

Auth related configuration

The settings _auth, _authToken, username and _password must all be
scoped to a specific registry. This ensures that npm will never send
credentials to the wrong host.

In order to scope these values, they must be prefixed by a URI frag?
ment. If the credential is meant for any request to a registry on a
single host, the scope may look like //registry.npmjs.org/:. If it must
be scoped to a specific path on the host that path may also be pro?
vided, such as //my-custom-registry.org/unique/path:.

```
; bad config
_authToken=MYTOKEN
; good config
@myorg:registry=https://somewhere-else.com/myorg
@another:registry=https://somewhere-else.com/another
//registry.npmjs.org/:_authToken=MYTOKEN
; would apply to both @myorg and @another
; //somewhere-else.com/:_authToken=MYTOKEN
; would apply only to @myorg
//somewhere-else.com/myorg/:_authToken=MYTOKEN1
; would apply only to @another
//somewhere-else.com/another/:_authToken=MYTOKEN2
```

See also

? npm help folders

? npm help config

? npm help config

? package.json /configuring-npm/package-json

? npm help npm