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roffline-npm

npm pack for offline installation

Hassle-free npm pack including all dependencies for offline installation with npm install

Add offline-npm to your project to serve a npm compatible tgz file wich contains all dependencies for offline installation with npm install.

Additionally you can use offline-npm to install packages from your local npm cache directory (Could be useful e.g. on travelling).

Installation

npm install -g offline-npm

Usage

- 1. Open terminal and go to your project you want to prepare for offline use. This folder needs to contain a package. json file.
- 2. Prepare your project for offline use

```
offline-npm --add
```

This changes the package.json file and adds a offline folder which will contain all your dependencies.

3. Pack your project

npm pack

Now the local cache is changed and all your projects dependencies will be downloaded into offline/cache and packed into the npm tgz file.

Note: Take care not to add a global *.tgz into your .npmignore file!

4. Transfer the resulting <name>-<version>.tgz from the pack command onto a machine with no connectivity to the required registry. Execute this line from a terminal.

Now install the package with:

```
npm --registry http://localhost:4873/ install <name>-<version>.tgz [-g]
```

Alternatively set the registry in the npm config with:

```
npm config set registry http://localhost:4873/
```

This allows to install the package with

```
npm install <name>-<version>.tgz [-g]
```

Tutorial

Find here a step-by-step tutorial using a provided sample project.

Goodies

If you want to use your local npm cache to install packages from use the option

```
offline-npm -n
```

Troubleshooting

1. Never add *.tgz into your .npmignore file. Otherwise all package.tgz files for the offline installation will be missing.

If you want to exclude previously packed versions of the package you're working with use <name>*.tgz instead.

2. The script needs access to npm. It is assumed that npm is installed alongside with node. If you experience problems with correcty resolving npm, add to your \$HOME/.profile or \$HOME/.bashrc

```
export NODE_PATH=<path_to_node_modules>/node_modules:$NODE_PATH
```

where <path to node modules > is the path to the node modules dir which contains npm.

3. If installation hangs try installing in verbose mode

```
`npm install <name-version>.tgz --verbose`
```

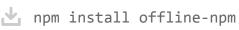
If you see that some .lock in your files block you from progress, consider deleting them.

4. This works in the *NIX world. I never tried this on Windows!

License

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commenthol published 3 months ago

0.1.4 is the latest of 8 releases

github.com/commenthol/offline-npm

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Keywords

npm, pack, offline, install

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