003.1 npm - pretask posttask

NPM Kata List – Blog Page

[NPM Kata List on GitHub](https://github.com/robertdunaway/katas-gulp)

# Duration

5 minutes

# Brief

[subject of kata]

### For More Information

BING/GOOGLE: “NPM pretask posttask”

# Instructions

Get tutorial folder or the entire katas-npm repo.

Open the [before/\*.sln] file and execute the kata.

Feel free to execute this kata multiple times because repetition creates motor memory.

# Github

* Before (start kata with this)
  + https://github.com/robertdunaway/katas-npm/tree/master/003.1%20npm%20-%20pretask%20posttask/before
* After
  + https://github.com/robertdunaway/katas-npm/tree/master/003.1%20npm%20-%20pretask%20posttask/after

# Kata

Create tasks that automatically run before and after any task you execute.

These tasks can simply call the time() function as the existing tasks do. Make the pre-task output “Pre Task” and the post task output “Post Task”.

# Review

NPM has predefined tasks such as pretask and posttask.

First let’s create two simple tasks.

pretask

var timer = require('./timer.js');

timer("Pre Task");

posttask

var timer = require('./timer.js');

timer("Post Task");

Add the new tasks to the package.json using the pre-defined task names pretask and posttask.

package.json

{

"name": "npm",

"version": "1.0.0",

"description": "",

"main": "index.js",

"scripts": {

"console": "node ./npm-scripts/console.js",

"task1": "node ./npm-scripts/task1.js",

"task2": "node ./npm-scripts/task2.js",

"task3": "node ./npm-scripts/task3.js",

"allTasks": "node ./npm-scripts/task1.js && node ./npm-scripts/task2.js && node ./npm-scripts/task3.js",

"pretask": "node ./npm-scripts/pretask.js",

"posttask": "node ./npm-scripts/posttask.js"

},

"author": "",

"license": "ISC",

"devDependencies": {

"date-and-time": "^0.3.0"

}

}

Execute any task and you’ll see tasks running before and after it.

Other predefined tasks include

prerestart

prestop

stop

poststop

restart

prestart

start

poststart

postrestart

# Next

Take a few minutes and imagine more examples.