Newman Postman collection runner

CONCEPTS

Export the collection (and environment) from Postman as JSON first; Newman runs those files, it does not edit them.

Postman export collection.json
↓ `newman run`
Newman run requests + scripts
↓ `assertions`
Results pass / fail
↓ `-r reporters`
Reports cli, json, junit
↓ `exit code`
CI job red or green

Postman now steers users to the Postman CLI; Newman still runs v2 collections but is no longer actively developed.

Passing -r replaces the default cli reporter. Add cli to the list to keep the console output.

INSTALL

`npm install -g newman`
Install globally (Node 16+)

`newman` **`--version`**
Print the version

`brew install newman`
Install with Homebrew

`npm install -g newman-reporter-htmlextra`
Add the HTML Extra reporter

`newman` **`run --help`**
List every run option

RUN

`newman` **`run`** *`<collection.json>`*
Run a collection file

`newman` **`run`** *`<url>`*
Run a collection from a URL

RUN (cont.)

`newman` **`run`** *`<collection.json>`* **`-e`** *`<env.json>`*
Use an environment file

`newman` **`run`** *`<collection.json>`* **`-g`** *`<globals.json>`*
Use a globals file

`newman` **`run`** *`<collection.json>`* **`-n`** *`<count>`*
Repeat the run N times

`newman` **`run`** *`<collection.json>`* **`--folder`** *`<name>`*
Run only one folder or request

`newman` **`run`** *`<collection.json>`* **`--bail`**
Stop at the first failed test

`newman` **`run`** *`<collection.json>`* **`-x`**
Exit 0 even if tests fail

`newman` **`run`** *`<collection.json>`* **`--verbose`**
Print full request and response data

DATA AND VARIABLES

`newman` **`run`** *`<c>`* **`-d`** *`<data.csv>`*
Iterate over CSV or JSON rows

`newman` **`run`** *`<c>`* **`--env-var`** "*`<name>`*=*`<value>`*"
Override an environment variable

REPORTERS

`newman` **`run`** *`<c>`* **`-r cli,json`**
Choose reporters (comma list)

`newman` **`run`** *`<c>`* **`-r junit`**
Write a JUnit XML report

`newman` **`run`** *`<c>`* **`-r htmlextra`**
Write an HTML report (plugin)

`newman` **`run`** *`<c>`* **`-r json --reporter-json-export`** *`<file>`*
Set the JSON report path

`newman` **`run`** *`<c>`* **`-r junit --reporter-junit-export`** *`<file>`*
Set the JUnit report path