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

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

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

RUN (cont.)

`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

`newman run <c> --global-var "<name>=<value>"`
Override a global variable

`newman run <c> --export-environment <file>`
Save the environment after the run

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

`newman run <c> -r htmlextra --reporter-htmlextra-export <file>`
Set the HTML report path