NodeJs

REPL

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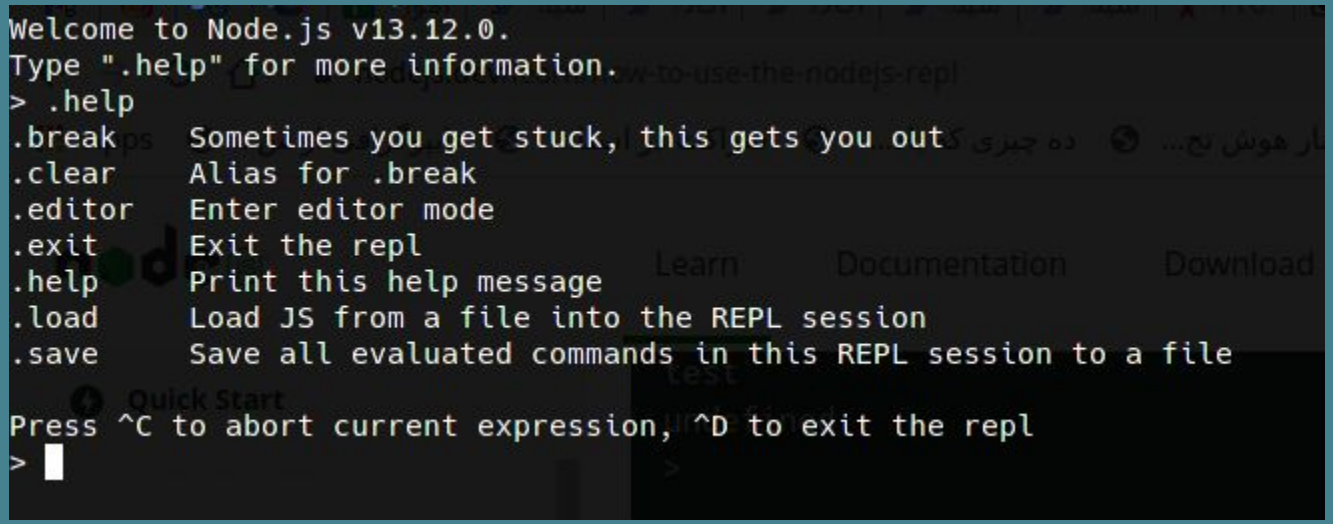
REPL

REPL also known as **Read Evaluate Print Loop** is a programming language environment(Basically a console window) that takes single expression as user input and returns the result back to the console after execution.

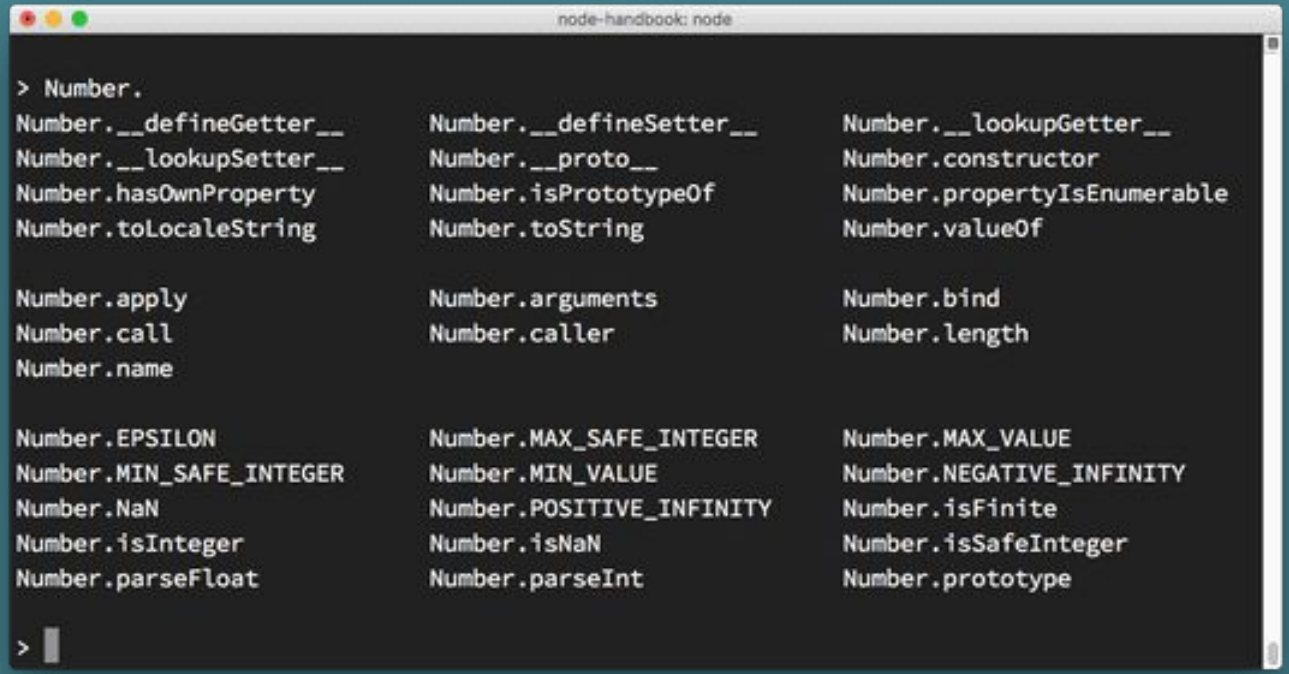
REPL


Welcome to Node.js v13.12.0.
Type ".help" for more information.
> .help
.break Sometimes you get stuck, this gets you out
.clear Alias for .break
.editor Enter editor mode
.exit Exit the repl
.help Print this help message
.load Load JS from a file into the REPL session
.save Save all evaluated commands in this REPL session to a file
Press ^C to abort current expression, ^D to exit the repl
>

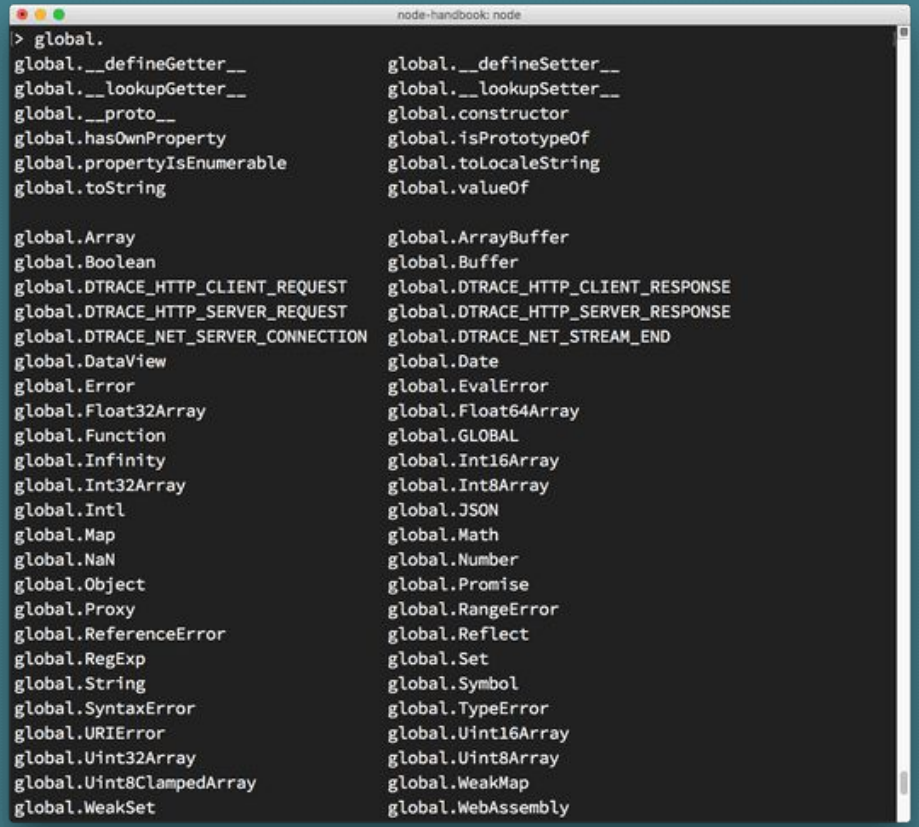
REPL

Use the tab to autocomplete

Exploring JavaScript objects



Explore global objects



Dot commands

- **.help**: shows the dot commands help
- **.editor**: enables editor mode, to write multiline JavaScript code with ease. Once you are in this mode, enter ctrl-D to run the code you wrote.
- **.break**: when inputting a multi-line expression, entering the .break command will abort further input. Same as pressing ctrl-C.
- **.clear**: resets the REPL context to an empty object and clears any multi-line expression currently being input.
- **.load**: loads a JavaScript file, relative to the current working directory
- **.save**: saves all you entered in the REPL session to a file (specify the filename)
- **.exit**: exits the repl (same as pressing ctrl-C two times)

accept arguments from the command line

```
node app.js
```

```
node app.js joe
```

```
node app.js name=joe
```

process object & argv property

```
process.argv.forEach((val, index) => {
  console.log(`${index}: ${val}`)
})
```

```
const args = process.argv.slice(2)
```

Minimist - parse argument options

https://www.npmjs.com/package/minimist

```
const args = require('minimist')(process.argv.slice(2))
args['name'] //joe
```