

# NodeJs

### REPL









### **REPL**

**REPL** also known as **Read Evaluate Print Loop** is a programming

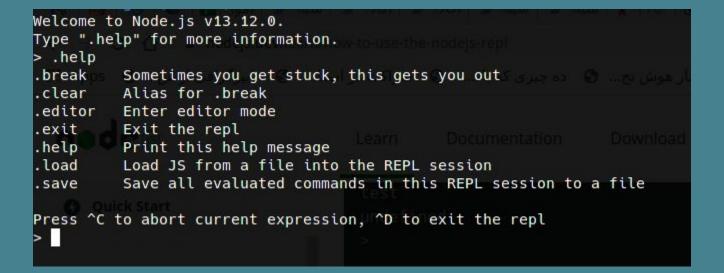
language environment(Basically a console window) that takes single expression

as user input and returns the result back to the console after execution.





### REPL







### Use the tab to autocomplete



### **Exploring JavaScript objects**

> Number.

....

Number.\_\_defineGetter\_\_ Number.\_\_lookupSetter\_\_ Number.hasOwnProperty Number.toLocaleString

Number.apply Number.call Number.name

Number.EPSILON Number.MIN\_SAFE\_INTEGER Number.NaN Number.isInteger Number.parseFloat Number.\_\_defineSetter\_\_ Number.\_\_proto\_\_ Number.isPrototypeOf Number.toString

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Number.arguments Number.caller

Number.MAX\_SAFE\_INTEGER Number.MIN\_VALUE Number.POSITIVE\_INFINITY Number.isNaN Number.parseInt Number.\_\_lookupGetter\_\_ Number.constructor Number.propertyIsEnumerable Number.valueOf

Number.bind Number.length

Number.MAX\_VALUE Number.NEGATIVE\_INFINITY Number.isFinite Number.isSafeInteger Number.prototype



## **Explore global objects**

### ....

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> global.	
globaldefineGetter	<pre>globaldefineSetter</pre>
globallookupGetter	globallookupSetter
globalproto	global.constructor
global.hasOwnProperty	global.isPrototypeOf
global.propertyIsEnumerable	global.toLocaleString
global.toString	global.valueOf
global.Array	global.ArrayBuffer
global.Boolean	global.Buffer
global.DTRACE_HTTP_CLIENT_REQUEST	global.DTRACE_HTTP_CLIENT_RESPONSE
global.DTRACE_HTTP_SERVER_REQUEST	global.DTRACE_HTTP_SERVER_RESPONSE
global.DTRACE_NET_SERVER_CONNECTION	global.DTRACE_NET_STREAM_END
global.DataView	global.Date
global.Error	global.EvalError
global.Float32Array	global.Float64Array
global.Function	global.GLOBAL
global.Infinity	global.Int16Array
global.Int32Array	global.Int8Array
global.Intl	global.JSON
global.Map	global.Math
global.NaN	global.Number
global.Object	global.Promise
global.Proxy	global.RangeError
global.ReferenceError	global.Reflect
global.RegExp	global.Set
global.String	global.Symbol
global.SyntaxError	global.TypeError
global.URIError	global.Uint16Array
global.Uint32Array	global.Uint8Array
global.Uint8ClampedArray	global.WeakMap
global.WeakSet	global.WebAssembly

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### 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

