

Node.JS

Node.JS is javascript running outside of your browser allowing you to access your machine/etc.

Express framework can be used build web site.

Command	Description
node -v	Display version
node	Run Node interpreter
node <file>	Run javascript file

Special Node.JS Javascript functions/objects

Command	Description
process	Show program process
var m2 = require('./module2');	Loads file module2 in current directory
console.log(m2);	Write to console
module.exports.a=a	Export variable a

Npm

Command	Description
npm install <module>	Will install module to your node_modules folder You can then use it in your script by using: var _ = require('underscore');
npm init	Creates a package.json for your project listing dependencies that were installed.
npm install <package> -S	Add package and add it to the package.json file

Basic Web Server Example

```
var http = require('http');
var server = http.createServer(function(request, response){
  console.log('got a request');
  response.write('hi');
  response.end();
});
server.listen(3000);
```

Express.JS

Create an Express

```
> npm install -g express-generator
```

```
> express <app_name>
```

```
> cd <app_name> && npm install
```

```
> DEBUG=<app_name> ./bin/www
```

Your app is now running on <http://localhost:3000/>