

```

Started by user admin
Running in Durability level: MAX_SURVIVABILITY
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/jobs/checkbox.io/workspace
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Source)
[Pipeline] git
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/chrisparnin/checkbox.io
> git init /var/lib/jenkins/jobs/checkbox.io/workspace # timeout=10
Fetching upstream changes from https://github.com/chrisparnin/checkbox.io
> git --version # timeout=10
> git --version # 'git version 2.25.1'
> git fetch --tags --force --progress -- https://github.com/chrisparnin/checkbox.io
+refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/chrisparnin/checkbox.io # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision bfbf426fbc55de9139decf152169a7ae72839e76 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f bfbf426fbc55de9139decf152169a7ae72839e76 # timeout=10
> git branch -a -v --no-abbrev # timeout=10
> git checkout -b master bfbf426fbc55de9139decf152169a7ae72839e76 # timeout=10
Commit message: "Update longmethod.js"
First time build. Skipping changelog.
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] echo
Installing node modules
[Pipeline] sh
+ cd server-side/site
+ npm install

> core-js@2.6.11 postinstall /var/lib/jenkins/jobs/checkbox.io/workspace/server-
side/site/node_modules/core-js
> node -e "try{require('./postinstall')}catch(e){}"

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.1.2 (node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.1.2: wanted
{"os":"darwin","arch":"any"} (current: {"os":"linux","arch":"x64"})

added 337 packages from 770 contributors and audited 338 packages in 8.694s

16 packages are looking for funding
  run `npm fund` for details

found 40 vulnerabilities (22 low, 3 moderate, 15 high)
  run `npm audit fix` to fix them, or `npm audit` for details
[Pipeline] echo
Starting node server
[Pipeline] sh
+ cd server-side/site
+ pm2 start server.js

```

[illegible]

Runtime Edition

PM2 is a Production Process Manager for Node.js applications with a built-in Load Balancer.

Start and Daemonize any application:
\$ pm2 start app.js

```
Load Balance 4 instances of api.js:
$ pm2 start api.js -i 4
```

```
Monitor in production:
$ pm2 monitor
```

```
Make pm2 auto-boot at server restart:
$ pm2 startup
```

To go further checkout:
<http://pm2.io/>

```
[PM2] Spawning PM2 daemon with pm2_home=/var/lib/jenkins/.pm2
[PM2] PM2 Successfully daemonized
[PM2] Starting /var/lib/jenkins/jobs/checkbox.io/workspace/server-side/site/server.js in
fork_mode (1 instance)
[PM2] Done.
```

				mode	pid	uptime	cpu	status
id	name	namespace	version	mode	pid	uptime	cpu	status
cpu	mem	user	watching					
0	server	default	0.0.1	fork	47792	0s	0	online
0%	31.6mb	jenkins	disabled					

```
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Static Analysis)
[Pipeline] sh
+ node /home/vagrant/static_analysis/analysis.js server-side/site
server-side/site/db.js
Packages: 1
Strings 7
```

```
server-side/site/marqdown.js
Packages: 5
Strings 94
```

```
loadPugTemplates(): at line #32
LongMethod: 25      MaxMessageChains: 1      MaxNestingDepth: 0
testFile(): at line #59
```

LongMethod: 26 MaxMessageChains: 1 MaxNestingDepth: 1
ReadHeader(): at line #86
LongMethod: 13 MaxMessageChains: 1 MaxNestingDepth: 1
ReadBody(): at line #100
LongMethod: 19 MaxMessageChains: 1 MaxNestingDepth: 1
EscapeCode(): at line #120
LongMethod: 16 MaxMessageChains: 7 MaxNestingDepth: 0
ProcessTokens(): at line #137
LongMethod: 233 MaxMessageChains: 3 MaxNestingDepth: 4
processInnerText(): at line #371
LongMethod: 23 MaxMessageChains: 2 MaxNestingDepth: 2
server-side/site/routes/admin.js
Packages: 6
Strings 69

server-side/site/routes/create.js
Packages: 5
Strings 17

basicCreate(): at line #67
LongMethod: 30 MaxMessageChains: 1 MaxNestingDepth: 1
sendStudyEmail(): at line #98
LongMethod: 8 MaxMessageChains: 1 MaxNestingDepth: 0
server-side/site/routes/csv.js
Packages: 0
Strings 23

formatJsonAsCSV(): at line #3
LongMethod: 72 MaxMessageChains: 2 MaxNestingDepth: 1
sizeOfRow(): at line #77
LongMethod: 48 MaxMessageChains: 2 MaxNestingDepth: 1
server-side/site/routes/study.js
Packages: 5
Strings 33

commonSubmit(): at line #184
LongMethod: 21 MaxMessageChains: 2 MaxNestingDepth: 1
server-side/site/routes/studyModel.js
Packages: 0
Strings 30

surrogateCtor(): at line #4
LongMethod: 1 MaxMessageChains: 0 MaxNestingDepth: 0
extend(): at line #6
LongMethod: 8 MaxMessageChains: 2 MaxNestingDepth: 0
server-side/site/routes/upload.js
Packages: 4
Strings 18

readFileStream(): at line #34
LongMethod: 38 MaxMessageChains: 2 MaxNestingDepth: 0
uploadFile(): at line #83
LongMethod: 37 MaxMessageChains: 2 MaxNestingDepth: 1
server-side/site/server.js
Packages: 6
Strings 26

server-side/site/test/complexity/allstrings.js
Packages: 0
Strings 4

sortUsersByAge(): at line #7
LongMethod: 5 MaxMessageChains: 1 MaxNestingDepth: 0
verifyPassword(): at line #13
LongMethod: 15 MaxMessageChains: 1 MaxNestingDepth: 1

server-side/site/test/complexity/compares.js

Packages: 0

Strings 1

gotToElevate(): at line #3

LongMethod: 14 MaxMessageChains: 1

MaxNestingDepth: 2

server-side/site/test/complexity/ifs.js

Packages: 0

Strings 0

complex(): at line #3

LongMethod: 27 MaxMessageChains: 0

MaxNestingDepth: 1

server-side/site/test/complexity/longmethod.js

Packages: 0

Strings 38

longMethod(): at line #3

LongMethod: 172 MaxMessageChains: 3

MaxNestingDepth: 2

server-side/site/test/complexity/nestedchains.js

Packages: 0

Strings 0

chains(): at line #1

LongMethod: 9 MaxMessageChains: 11

MaxNestingDepth: 0

server-side/site/test/complexity/nestedifs.js

Packages: 0

Strings 0

nested(): at line #4

LongMethod: 43 MaxMessageChains: 0

MaxNestingDepth: 6

server-side/site/test/complexity/packages.js

Packages: 5

Strings 5

server-side/site/test/complexity/parameters.js

Packages: 0

Strings 0

tooManyParameters(): at line #4

LongMethod: 10 MaxMessageChains: 0

MaxNestingDepth: 0

server-side/site/test/complexity/returns.js

Packages: 0

Strings 0

returns(): at line #3

LongMethod: 19 MaxMessageChains: 0

MaxNestingDepth: 2

server-side/site/test/complexity/simplechain.js

Packages: 0

Strings 1

chain(): at line #3

LongMethod: 4 MaxMessageChains: 4

MaxNestingDepth: 0

server-side/site/test/listing.js

Packages: 3

Strings 10

server-side/site/test/render.js

Packages: 4

Strings 10

===== Violations Detected =====

ProcessTokens : LongMethod [233], MaxMessageChains [3], MaxNestingDepth [4]

longMethod : LongMethod [172], MaxMessageChains [3], MaxNestingDepth [2]

chains : LongMethod [9], MaxMessageChains [11], MaxNestingDepth [0]

nested : LongMethod [43], MaxMessageChains [0], MaxNestingDepth [6]

```
[Pipeline] }  
[Pipeline] // stage  
[Pipeline] }  
[Pipeline] // node  
[Pipeline] End of Pipeline  
ERROR: script returned exit code 1  
Finished: FAILURE
```