


47-short-lnk video

Deploying Meteor Apps to Heroku

- we are going to need a heroku buildpack to deploy our meteor app
- you can find this on <https://github.com/AdmitHub/meteor-buildpack-horse>
- lets go to the terminal and on our root of our app lets create heroku
- in our case I named my app short-lnk-mendoza

```
joses-MacBook-Pro:short-lnk mendoza$ heroku create short-lnk-mendoza

Creating  short-lnk-mendoza... done

https://short-lnk-mendoza.herokuapp.com/ | https://git.heroku.com/short-lnk-mendoza.git
```

- now if we run `git remote -v`

```
joses-MacBook-Pro:short-lnk mendoza$ git remote -v

heroku  https://git.heroku.com/short-lnk-mendoza.git (fetch)
heroku  https://git.heroku.com/short-lnk-mendoza.git (push)
origin  git@github.com:mendozarriff/short-lnk.git (fetch)
origin  git@github.com:mendozarriff/short-lnk.git (push)
```

- now lets set buildhorse pack to deploy our app, so in our terminal

```
joses-MacBook-Pro:short-lnk mendoza$ heroku buildpacks:set https://github.com/AdmitHub/meteor-buildpack-horse.git
```

- **now** that is all setup we are going to tell heroku what node version we want to use, so lets find out what our local machine is using

```
joses-MacBook-Pro:short-lnk mendoza$ meteor node -v

v4.6.2
```

- take a note of it because we will be adding it to our package.json on our app
- so on our file package.json right below dependencies lets add the following

```
{
  "name": "short-lnk",
  "private": true,
```

```

"scripts": {
  "start": "meteor run"
},
"dependencies": {
  "babel-runtime": "6.18.0",
  "clipboard": "^1.5.16",
  "meteor-node-stubs": "~0.2.0",
  "moment": "^2.17.1",
  "react": "^15.4.1",
  "react-dom": "^15.4.1",
  "react-flip-move": "^2.7.4",
  "react-modal": "^1.6.5",
  "react-router": "^3.0.0",
  "shortid": "^2.2.6",
  "simpl-schema": "0.0.3"
},
"engines":{
  "node": "4.6.2"
}
}

```

- now we need to go back to the terminal and commit this change
- first run git status

```
joses-MacBook-Pro:short-lnk mendoza$ git status
```

On branch master

Your branch is up-to-date with 'origin/master'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

```

    modified:   package.json

```

Untracked files:

(use "git add <file>..." to include in what will be committed)

```
notes/45-short-lnk video.pdf
```

```
notes/46-short-lnk video.pdf
```

```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
joses-MacBook-Pro:short-lnk mendoza$
```

- now lets add everything

```
joses-MacBook-Pro:short-lnk mendoza$ git add .
```

- **now** lets commit

```
joses-MacBook-Pro:short-lnk mendoza$ git commit -m "Add node version to engines"
```

```
[master 7d971b8] Add node version to engines
```

```
3 files changed, 3 insertions(+)
```

```
create mode 100644 notes/45-short-lnk video.pdf
```

```
create mode 100644 notes/46-short-lnk video.pdf
```

```
joses-MacBook-Pro:short-lnk mendoza$
```

- now we are going to add a MongoDB database, so we are going to use a heroku addons
- go to heroku dashboard and find the new app created, click on it and navigate to the Resources tab, click on find more add-ons
- in our case we are going to be using mLab MongoDB, click on it and scroll down, we are going to be using the free plan, and we can do this by using the terminal and using a command

```
joses-MacBook-Pro:short-lnk mendoza$ heroku addons:create mongolab:sandbox
```

```
Creating mongolab:sandbox on  short-lnk-mendoza... free
```

```
Welcome to mLab. Your new subscription is being created and will be available shortly. Please  
consult the mLab Add-on Admin UI to check on its progress.
```

```
Created mongolab-flat-71874 as MONGODB_URI
```

```
Use heroku addons:docs mongolab to view documentation
```

- lets run the following command to check if everything went as expected
- the one thing to look for here is to have MONGODB_URI environment variable, which we do

```
joses-MacBook-Pro:short-lnk mendoza$ heroku config
```

```
=== short-lnk-mendoza Config Vars
```

```
MONGODB_URI: mongodb://heroku_xb8qf8vh:fno64gu2k2djnfbe4ugbdihvch@ds149335.mlab.com:49335/heroku  
_xb8qf8vh
```

- now we are going to set our root url
- this is going to create that environment variable to our app
- notice that we copied our url with out the / back slash

```
joses-MacBook-Pro:short-lnk mendoza$ heroku config:set ROOT_URL="https://short-lnk-mendoza.herokuapp.com"
```

```
Setting ROOT_URL and restarting  short-lnk-mendoza... done, v4
```

```
ROOT_URL: https://short-lnk-mendoza.herokuapp.com
```

- to check if this was configured correctly lets run config again

```
joses-MacBook-Pro:short-lnk mendoza$ heroku config
```

```
=== short-lnk-mendoza Config Vars
```

```
MONGODB_URI: mongodb://heroku_xb8qf8vh:fno64gu2k2djnfbe4ugbdihvch@ds149335.mlab.com:49335/heroku_xb8qf8vh
```

```
ROOT_URL: https://short-lnk-mendoza.herokuapp.com
```

- now we are ready to deploy to heroku
- lets push our code up to heroku

```
joses-MacBook-Pro:short-lnk mendoza$ git push heroku master
```

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