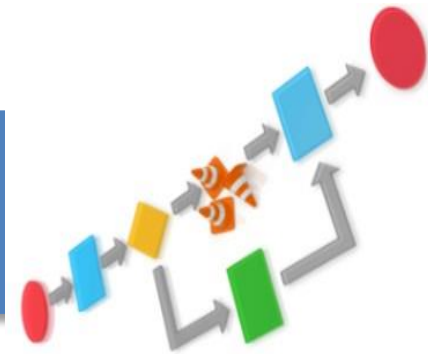


# Heroku

Jiří Šebek

*b6b36nss*



```
public final void onSensorChanged(SensorEvent event)
{
    m_flightIntensity = event.values[0];
    m_etAmblight.setText("" + m_flightIntensity + " lx");
}

private void resume()
{
    m_flightIntensity = SensorEvent.NORMAL;
}
```

# Obsah

- pipelines ..... na produkčni stroj
  - build, testy, sonarqube, create docker image, deploy
  - docker validate: <https://hadolint.github.io/hadolint/>
- Sluzba → PAAS = platform as service
- Je free
  
- **LOCAL DEV TEST (UAT SIT) PREPROD PROD**

# Obsah

- Registrace na <https://dashboard.heroku.com>
- stahnout springboot aplikaci jako ukazku ze stranek cw NSS
- yt-heroku-demo-master.zip
- Springboot + DB
- Vytvorit projekt na heroku
- Nahrát projekt na heroku GIT (například)
- Propojit databazi

# Ukazka UI

Salesforce Platform

HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Personal > build > testnssebek

Open app More

Overview Resources Deploy Metrics Activity Access Settings

Unify collaboration, administration, and billing with fine-grained control for all your apps with [Heroku Teams](#). Hide Create a Team

Installed add-ons \$0.00/month [Configure Add-ons](#)

Heroku Postgres Hobby Dev postgresql-solid-29241 **nakonfigurujte si db**

Dyno formation \$0.00/month [Configure Dynos](#)

This app is using free dynos

web java -Dserver.port=\$PORT \$JAVA\_OPTS -jar target/demo-0.0.1... ON

Collaborator activity [Manage Access](#)

Latest activity [All Activity](#)

- Deployed e0912f7f May 6, 2020 at 2:27 AM · v5
- @ref:postgresql-solid-29241 completed provisioning, setting DATABASE\_URL. May 6, 2020 at 2:27 AM · v4
- Attach DATABASE (@ref:postgresql-solid-29241) May 6, 2020 at 2:27 AM · v3
- Build succeeded May 6, 2020 at 2:26 AM · [View build log](#)
- Enable Logplex May 6, 2020 at 2:00 AM · v2
- Initial release May 6, 2020 at 2:00 AM · v1

otevřete deploynutou aplikaci

# Ukazka UI

The screenshot shows the Heroku dashboard for an application named 'testnssebek'. The 'Deploy' tab is selected and highlighted with a red box. Below the navigation, it shows the application is connected to a pipeline named 'build' and assigned to the 'staging' stage. There are links to manage the pipeline and review apps. Under the 'Deployment method' section, three options are listed: Heroku Git (selected), GitHub, and Container Registry. The 'Deploy using Heroku Git' section is expanded, showing instructions to install the Heroku CLI, clone the repository, and deploy changes. The instructions are highlighted with a red box. At the bottom of the instructions, there is a note about changing the main deployment branch from 'master' to 'main'.

Personal > build > testnssebek

Overview Resources **Deploy** Metrics Activity Access Settings

Connected to a pipeline Assigned to `staging` in `build`

- Manage this pipeline and this app's stage on the [pipeline overview](#)
- Review apps are available on the [pipeline overview](#)

Deployment method

- Heroku Git**  
Use Heroku CLI
- GitHub  
Connect to GitHub
- Container Registry  
Use Heroku CLI

Deploy using Heroku Git

Use `git` in the command line or a GUI tool to deploy this app.

**Install the Heroku CLI**

Download and install the [Heroku CLI](#).

If you haven't already, log in to your Heroku account and follow the prompts to create a new SSH public key.

```
$ heroku login
```

**Clone the repository**

Use Git to clone testnssebek's source code to your local machine.

```
$ heroku git:clone -a testnssebek
$ cd testnssebek
```

**Deploy your changes**

Make some changes to the code you just cloned and deploy them to Heroku using Git.

```
$ git add .
$ git commit -am "make it better"
$ git push heroku master
```

You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please [follow the instructions here](#).

# Tutorial

• Návod na rozchození DB:

<https://devcenter.heroku.com/articles/deploying-spring-boot-apps-to-heroku>

• DB example aplikace: <https://github.com/heroku/java-getting-started>