

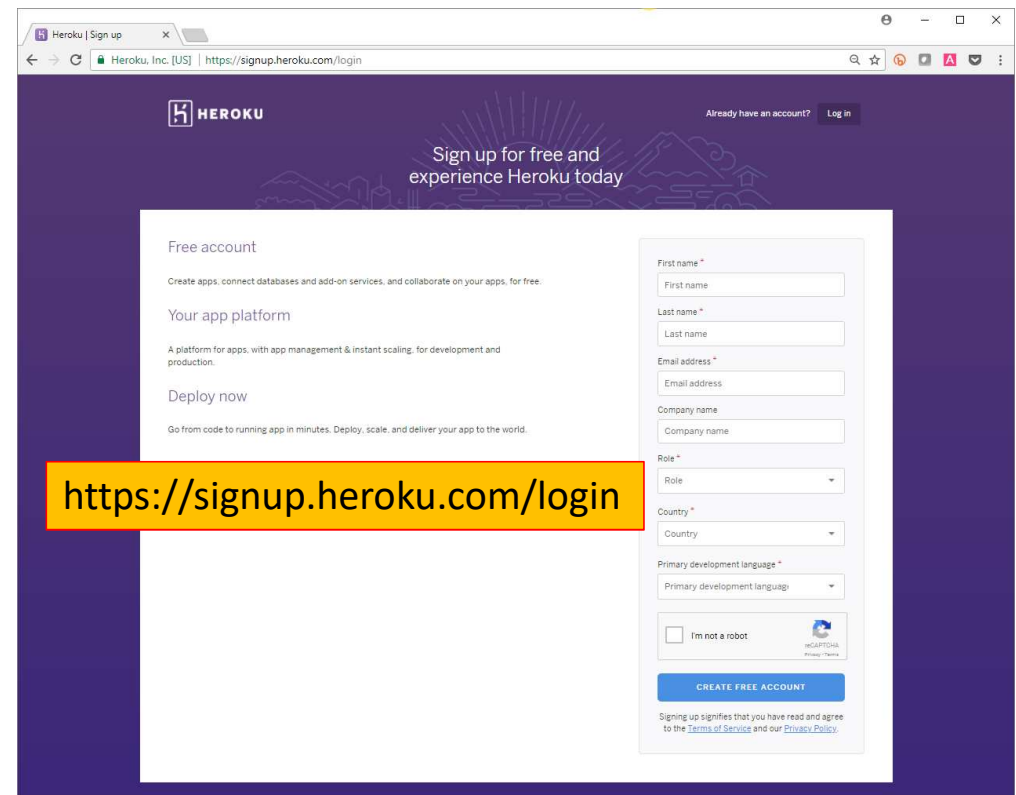


HEROKU

Une plateforme d'exécution
pour le projet.

Plan

- Création d'un compte utilisateur
- Création d'une nouvelle appli
- Constitution d'une équipe



The screenshot shows the Heroku sign-up page in a web browser. The browser's address bar displays the URL <https://signup.heroku.com/login>. The page has a dark purple header with the Heroku logo and a 'Log in' link for existing users. The main content area is white and features the text 'Sign up for free and experience Heroku today'. Below this, there's a 'Free account' section with a brief description of Heroku's services. The 'Your app platform' section describes Heroku as a platform for app management and scaling. The 'Deploy now' section encourages users to go from code to running an app in minutes. On the right side, there's a form with fields for 'First name', 'Last name', 'Email address', 'Company name', 'Role' (a dropdown menu), 'Country' (a dropdown menu), and 'Primary development language' (a dropdown menu). There's also a checkbox for 'I'm not a robot' with a reCAPTCHA logo. At the bottom of the form is a blue button labeled 'CREATE FREE ACCOUNT'. Below the button, there's a small disclaimer: 'Signing up signifies that you have read and agree to the [Terms of Service](#) and our [Privacy Policy](#)'.

<https://signup.heroku.com/login>

Confirm your account on Heroku Inbox x



Heroku <noreply@heroku.com>
to charles ▾

01:35 (0 minutes ago) ☆ ↶ ⋮



Thanks for signing up with Heroku! You must follow this link to activate your account:

<https://id.heroku.com/account/accept/7607598/f3f9a3e34d2b121afc39d5d9b8327a38>

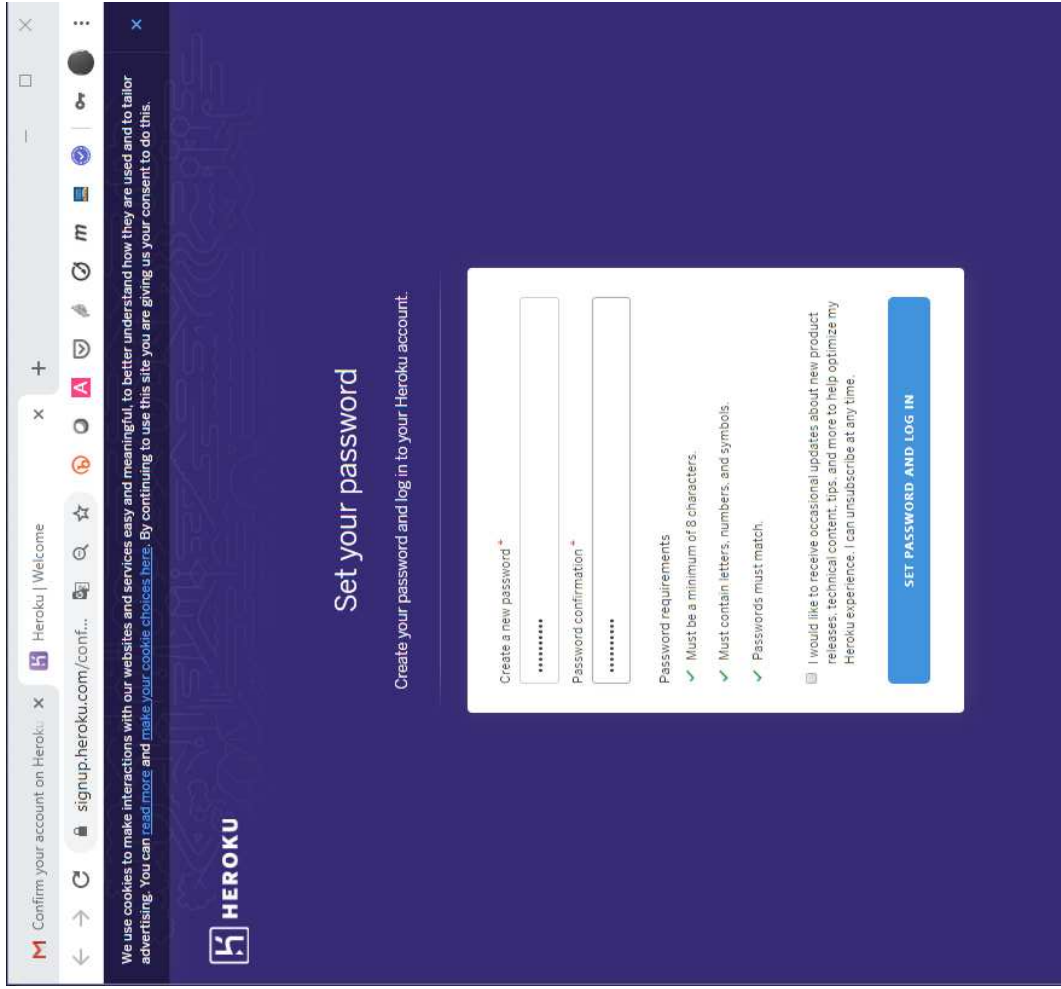
Have fun, and don't hesitate to contact us with your feedback.

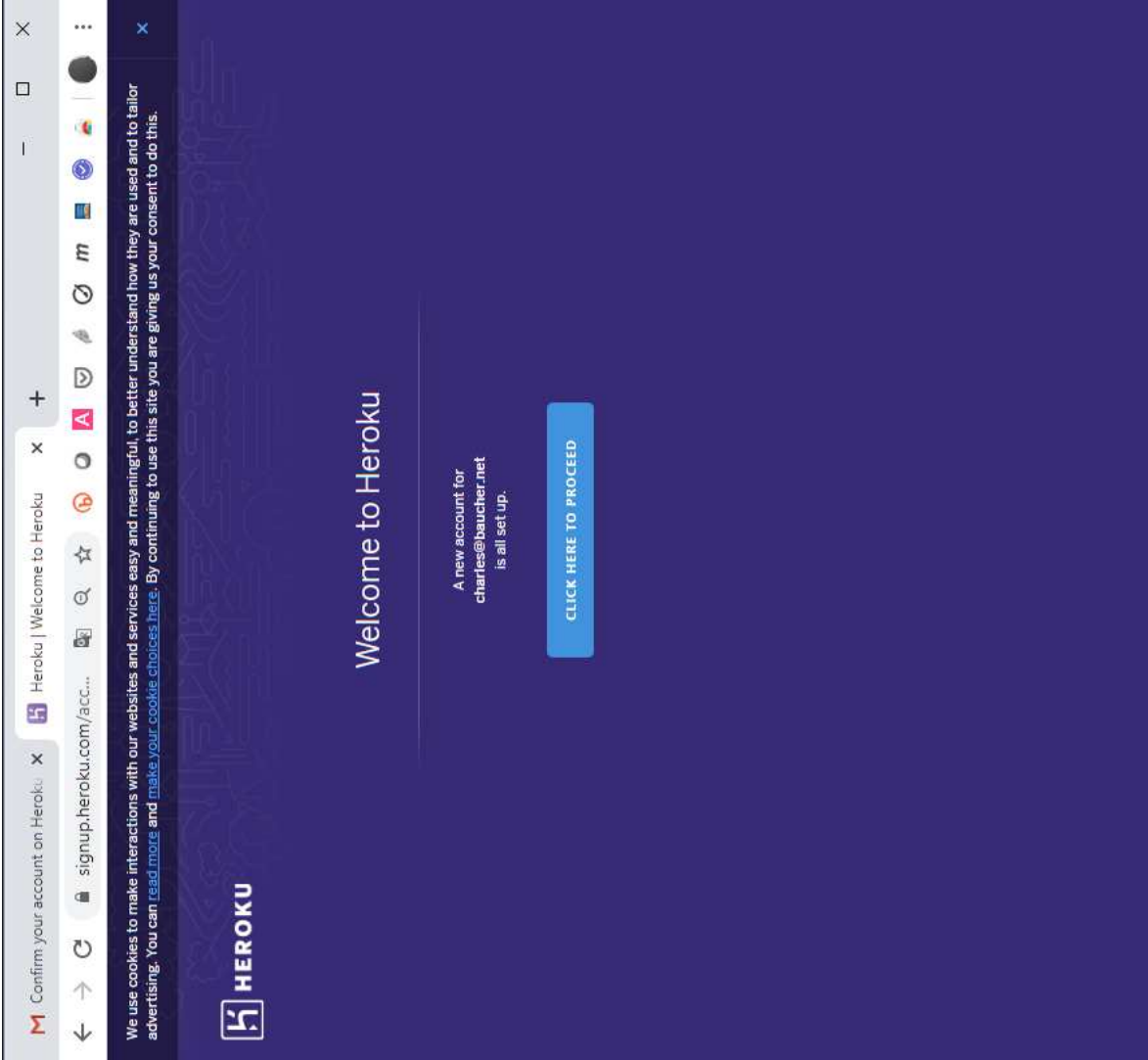
The Heroku Team

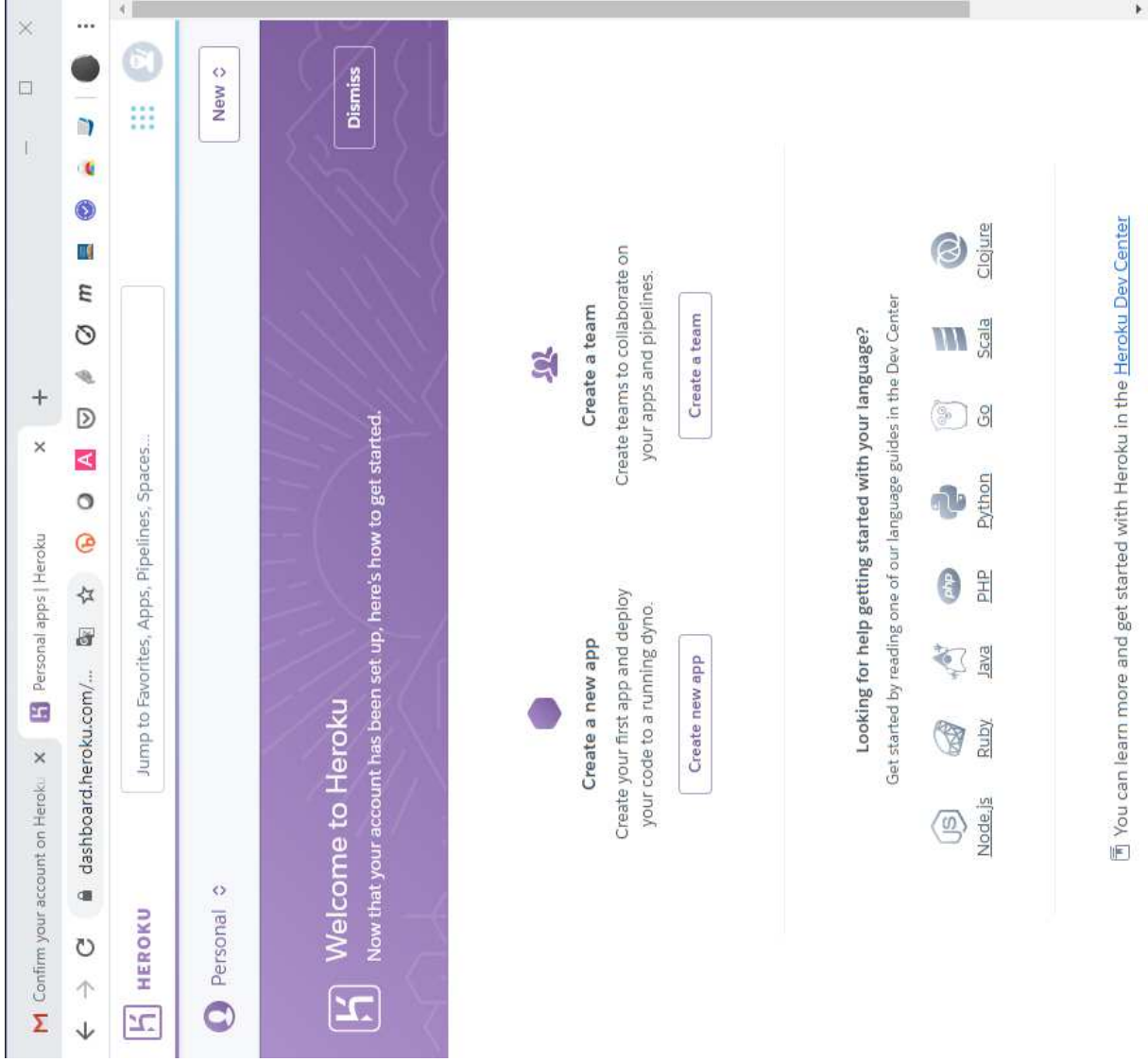
<https://heroku.com>

Heroku is the cloud platform for rapid deployment and scaling of web applications. Get up and running in minutes, then deploy instantly via Git.

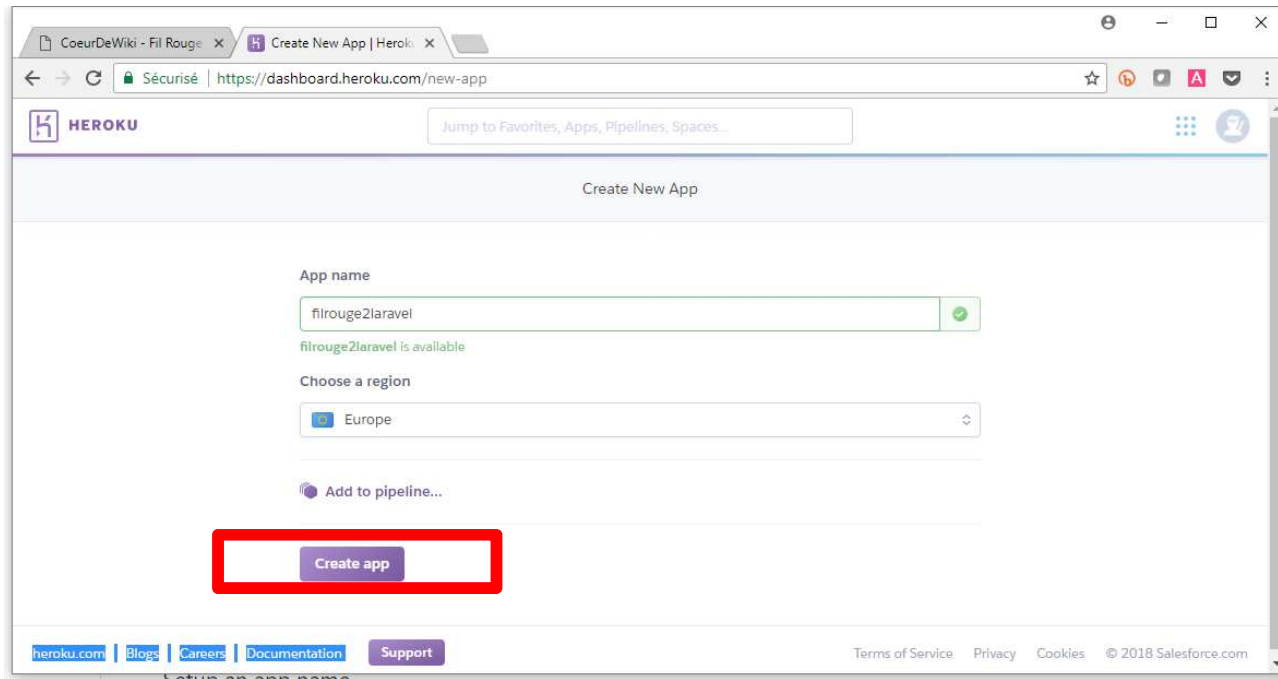
To learn more about Heroku and all its features, check out the Dev Center:
<https://devcenter.heroku.com/articles/quickstart>







Créer une appli sous Heroku



The screenshot shows the Heroku dashboard's 'Create New App' page. The browser's address bar displays 'https://dashboard.heroku.com/new-app'. The Heroku logo is in the top left, and a search bar is in the top right. The main heading is 'Create New App'. Below this, there is a form with two main sections: 'App name' and 'Choose a region'. The 'App name' field contains 'filrouge2laravel' and has a green checkmark icon to its right, with a message below it stating 'filrouge2laravel is available'. The 'Choose a region' dropdown menu is set to 'Europe'. Below these fields is a link that says 'Add to pipeline...'. At the bottom of the form, a purple button labeled 'Create app' is highlighted with a red rectangular border. The footer of the page includes links for 'heroku.com', 'Blogs', 'Careers', 'Documentation', and 'Support', along with 'Terms of Service', 'Privacy', 'Cookies', and a copyright notice for '© 2018 Salesforce.com'.

App name

filrouge2laravel

filrouge2laravel is available

Choose a region

Europe

Add to pipeline...

Create app

heroku.com | Blogs | Careers | Documentation | Support

Terms of Service | Privacy | Cookies | © 2018 Salesforce.com

HEROKU : création d'une application

Personal > flr2018pmoe-9z

Overview Resources **Deploy** Metrics Activity Access Settings

Add this app to a pipeline

Create a new pipeline or choose an existing one and add this app to a stage in it.

Add this app to a stage in a pipeline to enable additional features

Pipelines let you connect multiple apps together and **promote code** between them. [Learn more.](#)

Pipelines connected to GitHub can enable **review apps**, and create apps for new pull requests. [Learn more.](#)

Choose a pipeline

Deployment method

Heroku Git Use Heroku CLI

GitHub Connect to GitHub

Dropbox Connect to Dropbox

Container Registry Use Heroku CLI

Connect to GitHub

Connect this app to GitHub to enable code diffs and deploys.

Search for a repository to connect to

umlp

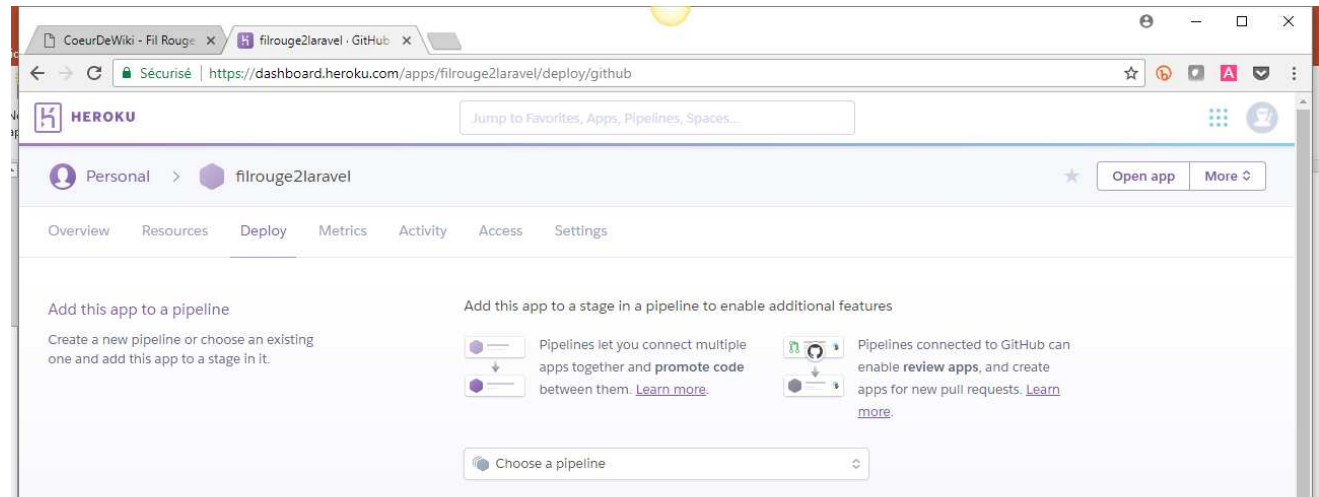
fbab

prodageo

flr2018pimp-9z Search

[Dashboard has team access.](#)

- Sync. une appli avec un projet *github*.



Deployment method



Connect to GitHub

Connect this app to GitHub to enable code diffs and deploys.

Search for a repository to connect to

fbab filrouge2heroku

Missing a GitHub organization? [Ensure Heroku Dashboard has team access.](#)


fbab/filrouge2heroku

Add this app to a pipeline

Create a new pipeline or choose an existing one and add this app to a stage in it.

Add this app to a stage in a pipeline to enable additional features

Pipelines let you connect multiple apps together and promote code

 Pipelines connected to GitHub can enable review apps and create

Automatic deploys

Enables a chosen branch to be automatically deployed to this app.

Enable automatic deploys from GitHub

Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch is always in a deployable state and any tests have passed before you push. Learn more.

↳ master

☐ Wait for CI to pass before deploy

Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

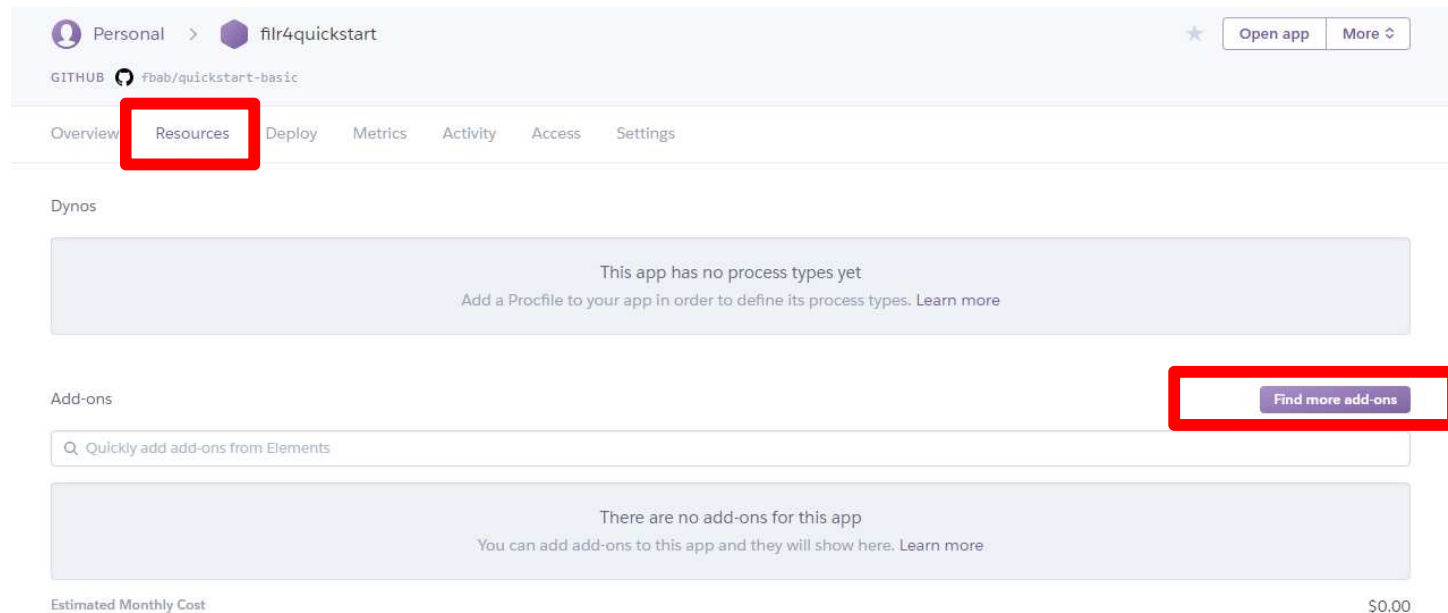
This will deploy the current state of the branch you specify below. Learn more.

↳ master

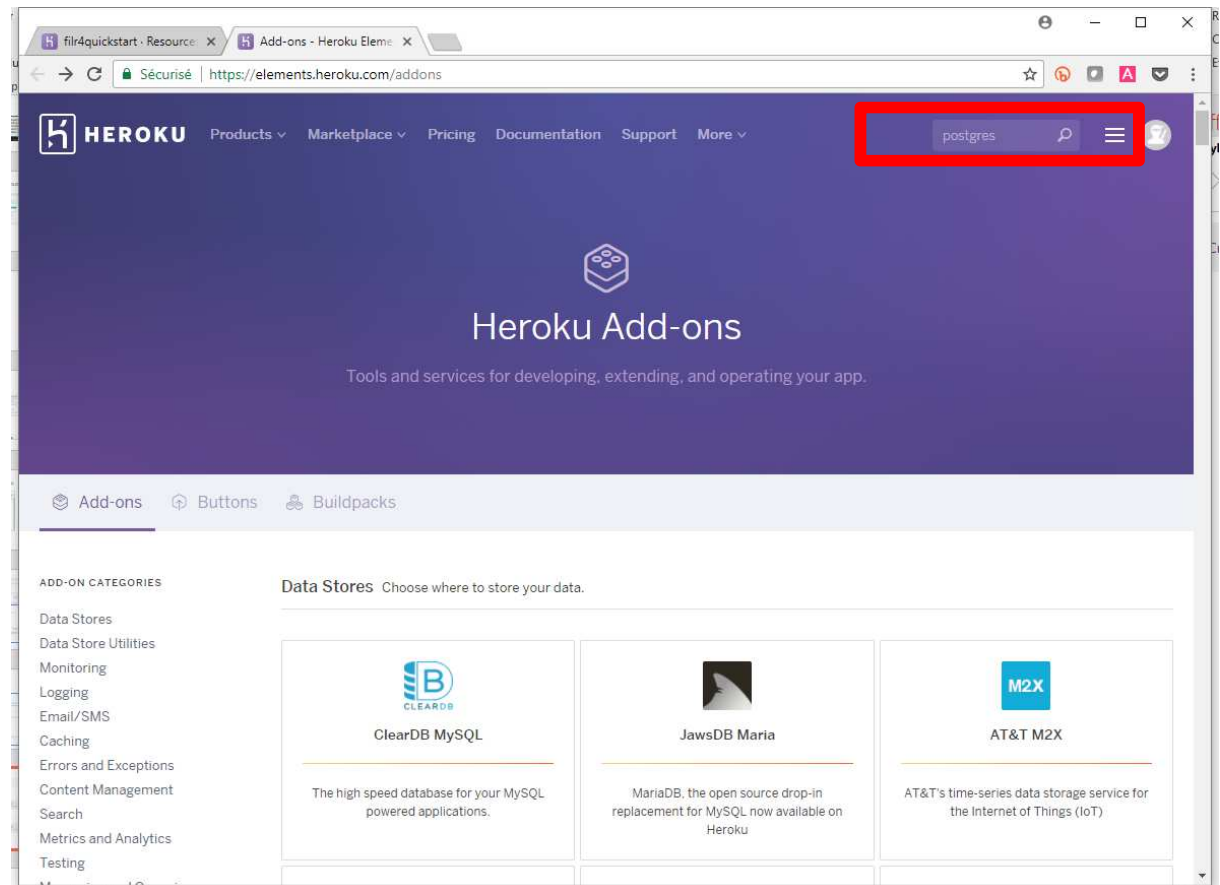
Deploy Branch

HEROKU : ajout de ressources

- Pour ajouter une instance de SGBD à la machine virtuelle
- Cliquer sur « Ressources »
- Cliquer sur « Find more add-ons »

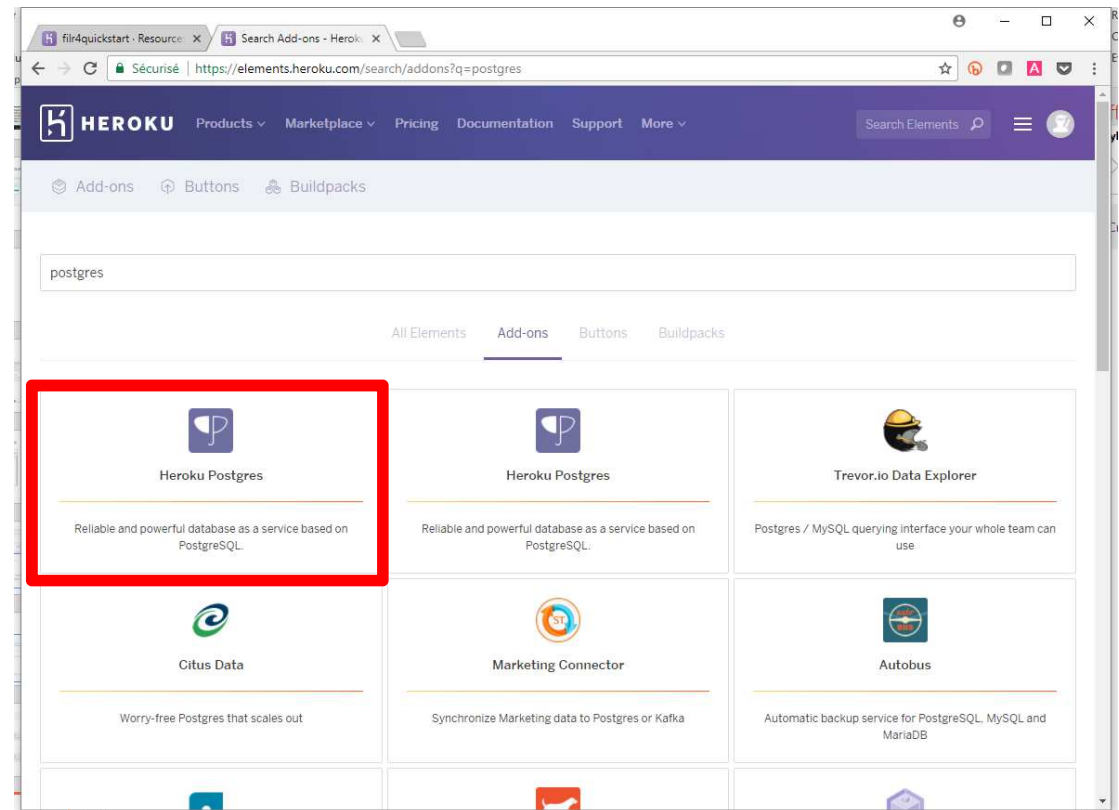


HEROKU : ajout de ressources - SGBD



HEROKU : ajout de ress. – SGBD - postgres

- Résultat de la recherche



HEROKU : ajout de ress. – SGBD - postgres

The screenshot shows the Heroku Postgres add-on page. At the top, the Heroku logo and navigation menu are visible. Below the navigation, the 'Add-ons' tab is selected. The main heading is 'Heroku Postgres' with a subtext 'Reliable and powerful database as a service based on PostgreSQL. Starting at \$0/mo.' A red box highlights the 'Install Heroku Postgres' button. Below this, the 'Install to which Application' section features a dropdown menu with the text 'Please Select'. A yellow callout box points to this dropdown with the text 'Indiquer le nom de votre équipe'. At the bottom of the section is a large purple 'Continue' button. On the right side, a sidebar contains 'QUICK LINKS', 'SHAREABLE DETAILS', 'ADD-ON CATEGORY', and 'LANGUAGE SUPPORT'.

Indiquer le nom de votre équipe

Heroku Postgres

Install to which Application

Please Select

Continue

QUICK LINKS

- Add-on Details
- Region Availability
- Plans & Pricing
- Documentation

SHAREABLE DETAILS

- ✓ Shareable Across Apps
- ✓ Multiple Installs/App

ADD-ON CATEGORY

Data Stores

LANGUAGE SUPPORT

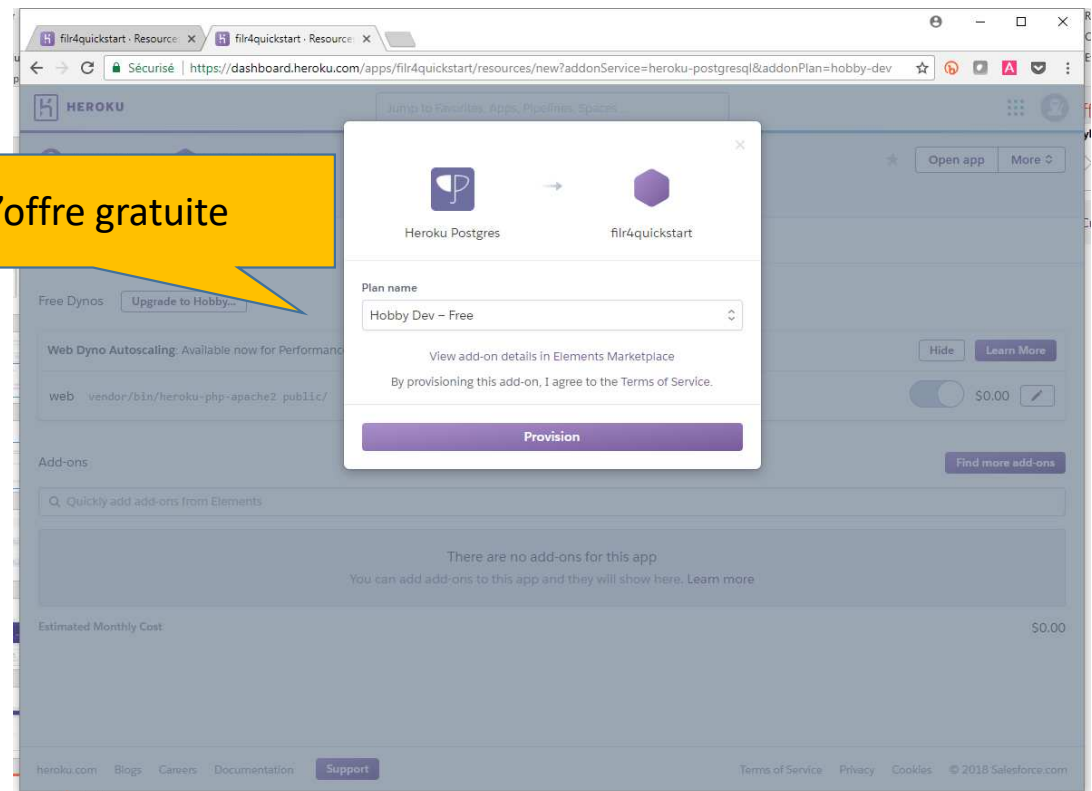
CLOJURE GO JAVA NODE

PHP PYTHON RUBY

SCALA

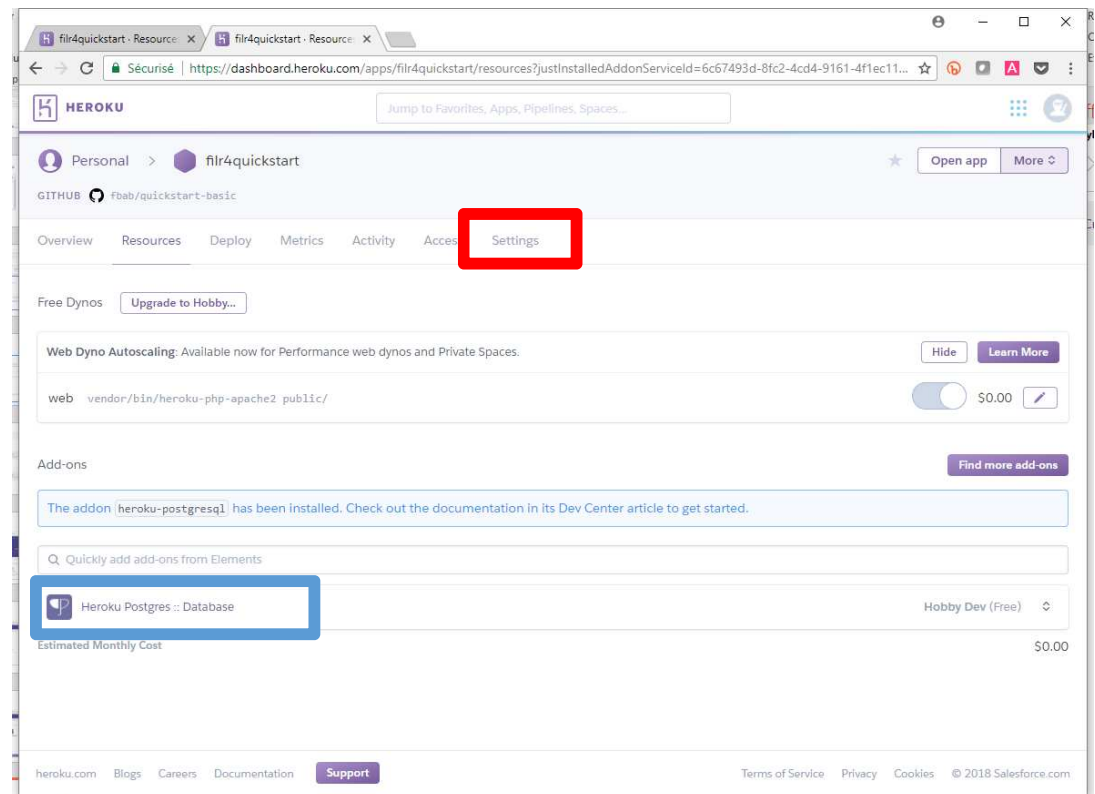
HEROKU : ajout de ress. – SGBD - postgres

Choisir l'offre gratuite



HEROKU : ajout de ress. – SGBD - postgres

- La variable d'envt DATABASE_URL est fixée automatiquement.



HEROKU : lancer l'application

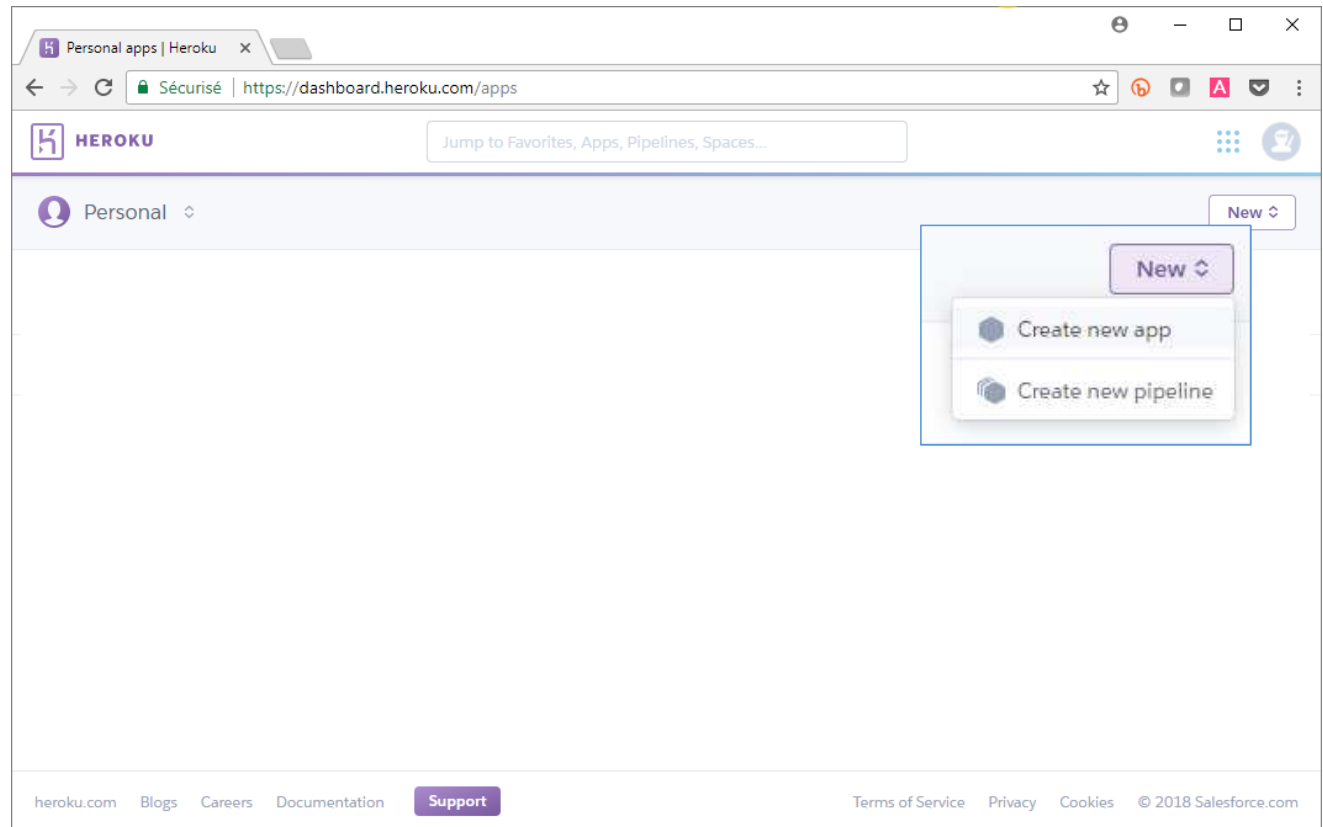
The image shows the Heroku dashboard for an application named 'fail99'. The top navigation bar includes 'Personal', 'fail99', and an 'Open app' button highlighted with a red rectangle. Below this is a tab bar with 'Overview', 'Resources', 'Deploy', 'Metrics', 'Activity', 'Access', and 'Settings'. The main content area is divided into sections: 'Name' (fail99), 'Config Variables' (with a 'Reveal Config Vars' button), and 'Info' (listing Region, Stack, Framework, Slug size, and Heroku Git URL). An inset window shows the Adminer authentication interface at 'https://frontalbd.herokuapp.com/adminer/index.php'. The interface includes a language dropdown set to 'Français', a title 'Adminer 4.7.2-dev', and an 'Authentification' section with a message 'Au revoir ! Thanks for using Adminer, consider donating.' and a table of configuration details.

Système	PostgreSQL
Serveur	ec2-54-247-70-127.eu-west-
Utilisateur	xkdxggkruchjcy
Mot de passe
Base de données	d7b0e5b188i8io

Authentication ☐ Authentication permanente

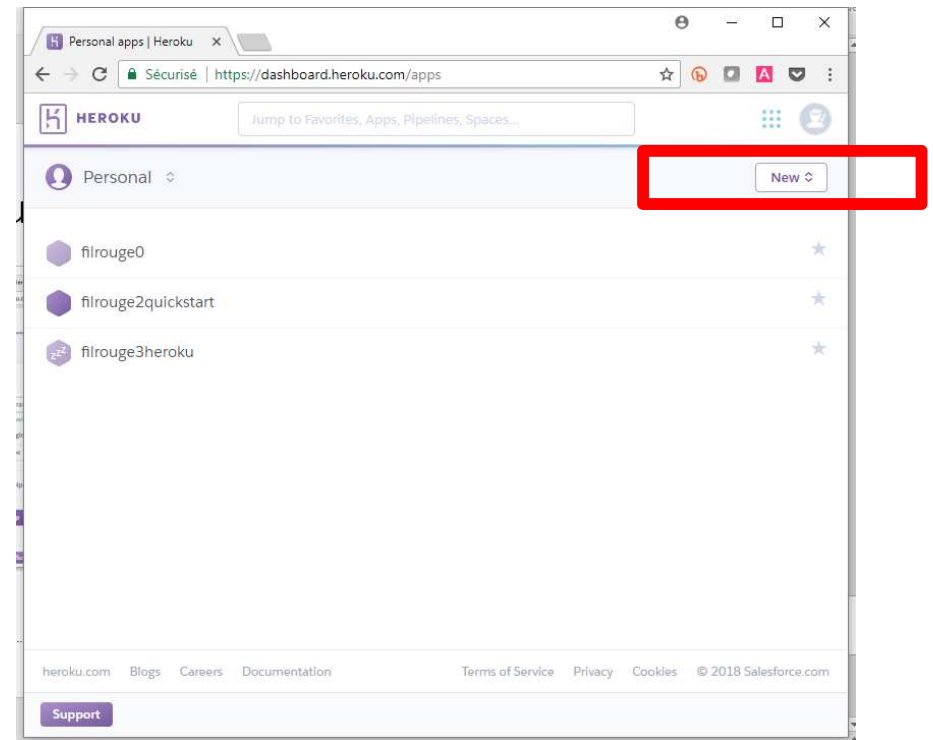
HEROKU : tableau de bord (*dashboard*)

- A l'ouverture aucune application (machine virtuelle) n'est listée.
- Pour en créer une, cliquer sur <<New>>



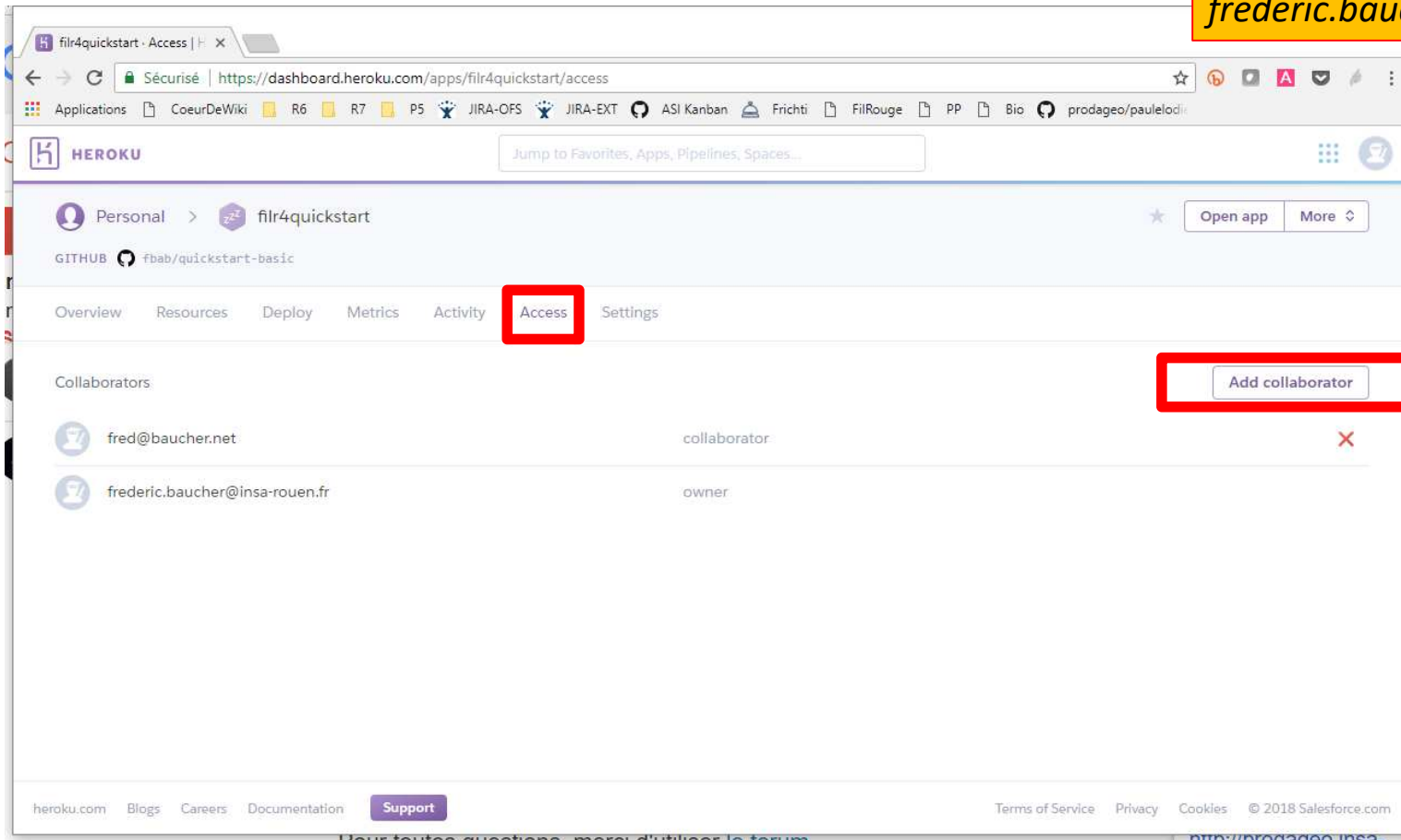
HEROKU

- Création d'une nouvelle appli
- Sync. avec gestionnaire sources
 - Lien avec Github
- Déploiement
- Provisionnement (provisioning)
 - Ajouter une base de donnée
- Paramétrage
 - Fixer les variables d'envt



Constituer une équipe

Ajouter vos collègues de l'équipe et **le prof** avec l'adresse :
frederic.baucher@insa-rouen.fr



Déboguer avec Heroku (1)

The screenshot shows the Heroku dashboard for the application 'jdbc4uemf'. The browser address bar displays 'dashboard.heroku.com/apps/jdbc4uemf/activity'. The application name 'jdbc4uemf' is highlighted with a purple box and labeled 'Nom de l'application dans Heroku'. Below it, the GitHub repository 'prodageo/jdbc4filr' is highlighted with an orange box and labeled 'Nom du dépôt (repository) dans Github'. The 'Activity' tab is selected and highlighted with a red box. The 'Activity Feed' shows three entries: a failed build, a deployment, and a successful build. The failed build entry is highlighted with a red box and labeled 'Résultat de la dernière compilation (build) du code Github pour produire l'application Heroku. Pour connaître les erreurs, cliquer sur 'View build log'. The deployment and successful build entries are highlighted with green boxes and labeled 'Si la compilation réussie (marteau + icône verte) alors un déploiement est automatiquement effectué pour rendre disponible l'application sur l'URL https://jdbc4uemf.herokuapp.com/'.

HEROKU

Jump to Favorites, Apps, ...

Personal > jdbc4uemf

GitHub prodageo/jdbc4filr master

Open app More

Overview Resources Deploy Metrics **Activity** Access Settings

Activity Feed

uemf@baucher.net: Build failed Today at 6:51 PM View build log

uemf@baucher.net: Deployed 45543786 Today at 6:53 PM - v149 Roll back to here Compare diff

uemf@baucher.net: Build succeeded Today at 6:53 PM View build log

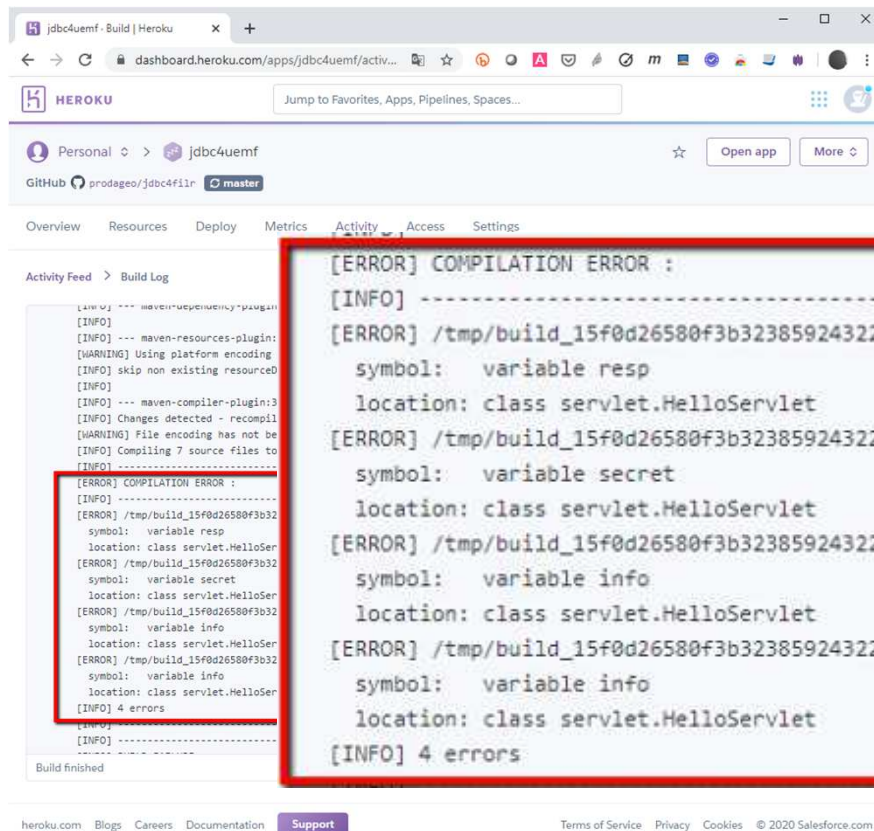
Nom de l'application dans Heroku

Nom du dépôt (repository) dans Github

Résultat de la dernière compilation (build) du code Github pour produire l'application Heroku. Pour connaître les erreurs, cliquer sur 'View build log'

Si la compilation réussie (marteau + icône verte) alors un déploiement est automatiquement effectué pour rendre disponible l'application sur l'URL https://jdbc4uemf.herokuapp.com/

Déboguer avec Heroku (2)



The screenshot shows the Heroku dashboard for an application named 'jdbc4uemf'. The 'Activity' tab is selected, showing a 'Build Log'. The log contains several compilation errors. A red box highlights a specific section of the log, and a larger red box on the right shows a detailed view of the errors.

```
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ jdbc4uemf ---
[INFO] Changes detected - recompiling the module because of changed dependencies
[INFO] Compiling 7 source files to /tmp/build_15f0d26580f3b32385924322e46b6ce1/src/main/java
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /tmp/build_15f0d26580f3b32385924322e46b6ce1/src/main/java/servlet/HelloServlet.java:[87,35] cannot find symbol
  symbol:   variable resp
  location: class servlet.HelloServlet
[ERROR] /tmp/build_15f0d26580f3b32385924322e46b6ce1/src/main/java/servlet/HelloServlet.java:[93,115] cannot find symbol
  symbol:   variable secret
  location: class servlet.HelloServlet
[ERROR] /tmp/build_15f0d26580f3b32385924322e46b6ce1/src/main/java/servlet/HelloServlet.java:[96,17] cannot find symbol
  symbol:   variable info
  location: class servlet.HelloServlet
[ERROR] /tmp/build_15f0d26580f3b32385924322e46b6ce1/src/main/java/servlet/HelloServlet.java:[97,31] cannot find symbol
  symbol:   variable info
  location: class servlet.HelloServlet
[INFO] 4 errors
[INFO] -----
[INFO] Build finished
```