



Technical presentation

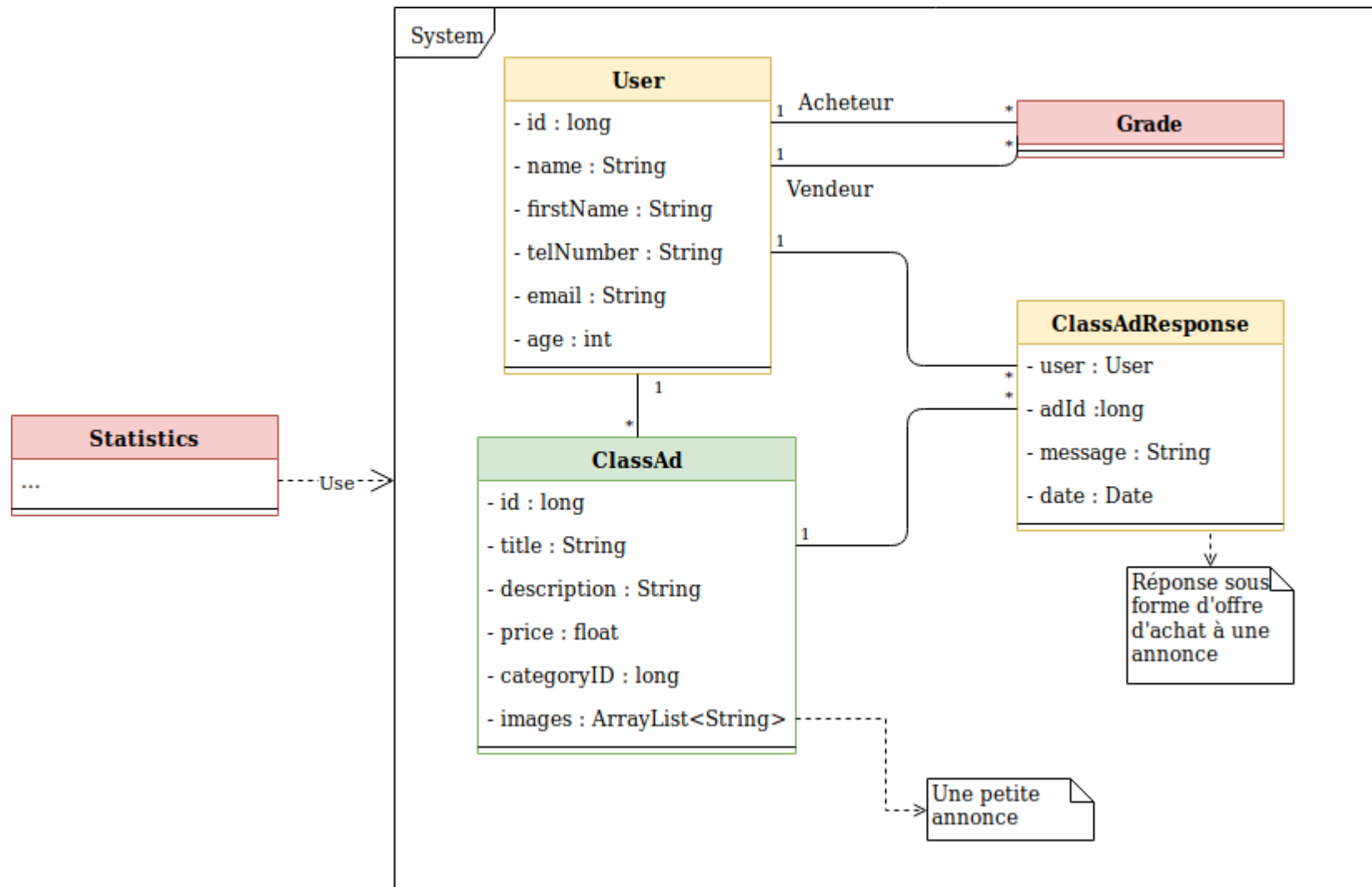
Presenting the group workflow of Unitrade



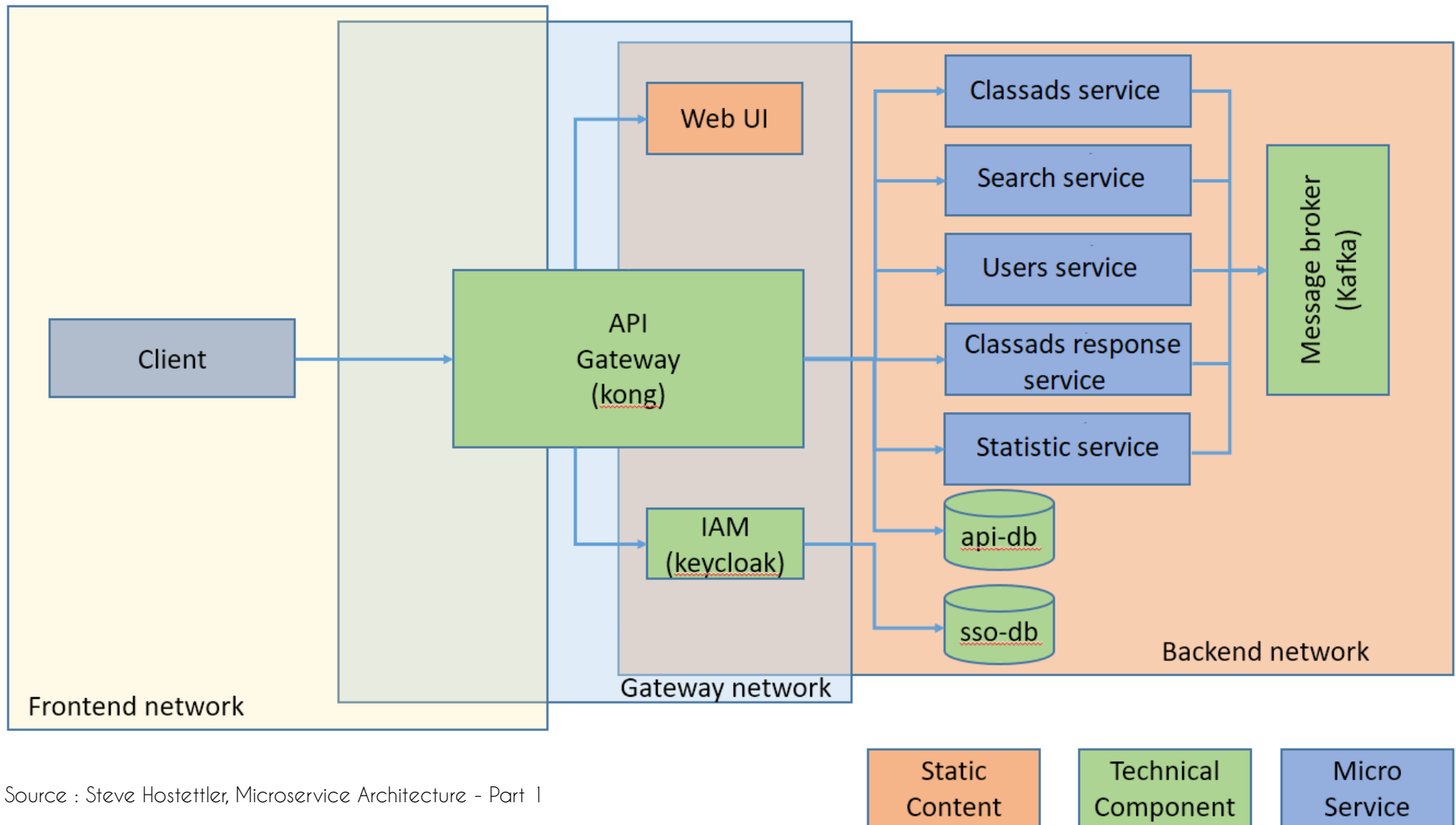
Contents

- Project management
- Technical features
 - ♦ Microservices and database architecture
 - ♦ Project deployment

Our system

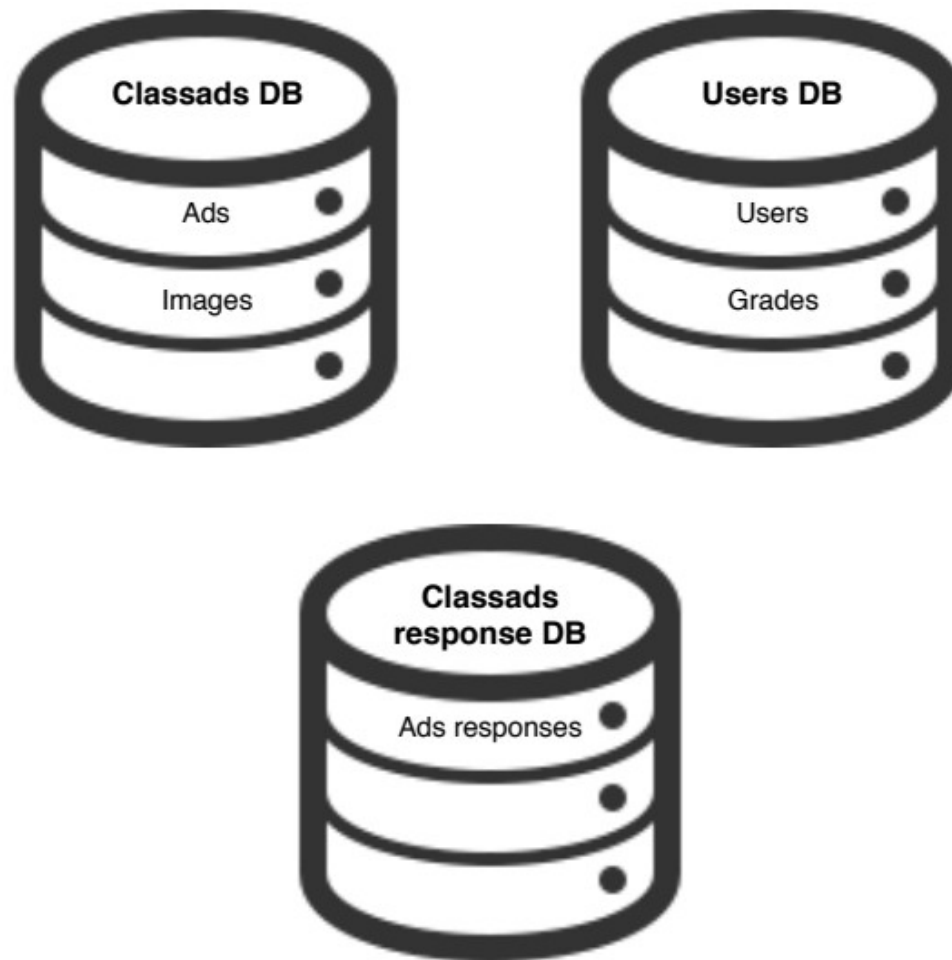


Microservices architecture

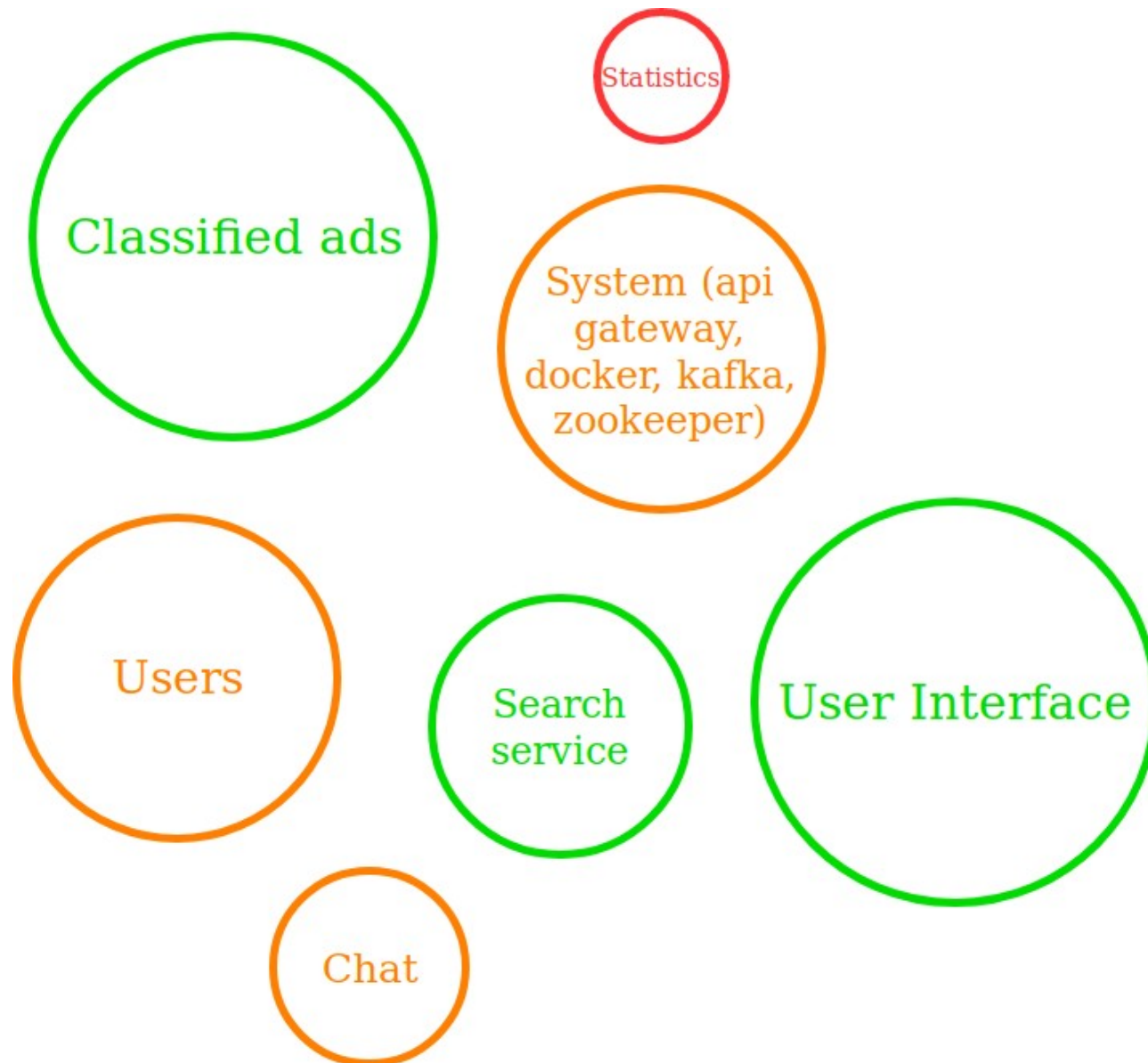


Source : Steve Hostettler, Microservice Architecture - Part I

DataBase architecture



What have we done





Time invested

Last 8 weeks

42 hours/week

Until June

100 hours

Planning

Semaine 13/05	Semaine 20/05	Semaine 27/05	Semaine 03/06
<p>Présentation 2 (Attila, Guy-Rafael)</p> <p>Pour le jeudi 16/05 :-</p> <p>Finir les tâches frontend en bleu ci-dessous</p> <p>Finir les annonces</p> <p>Finir le service de recherche</p> <p>Définir toutes les requêtes nécessaires pour gérer les annonces</p> <p>Lier le backend et le frontend pour les annonces</p>	<p>Avoir l'application avec l'api gateway sur la VM</p> <p>Tester le service classads-response</p> <p>Commencer à voir pour la sécurité</p>	<p>Finir les tâches frontend en rouge ci-dessous</p> <p>(Finir les statistiques)</p> <p>Finir les users</p>	<p>Présentation 3 (Pavlos, David, Aurélia)</p>

Technology

- Data base:



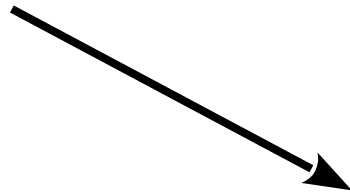
- Logging:



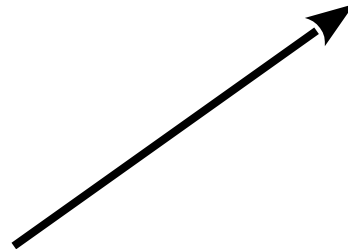
- Tests:



Code hosting



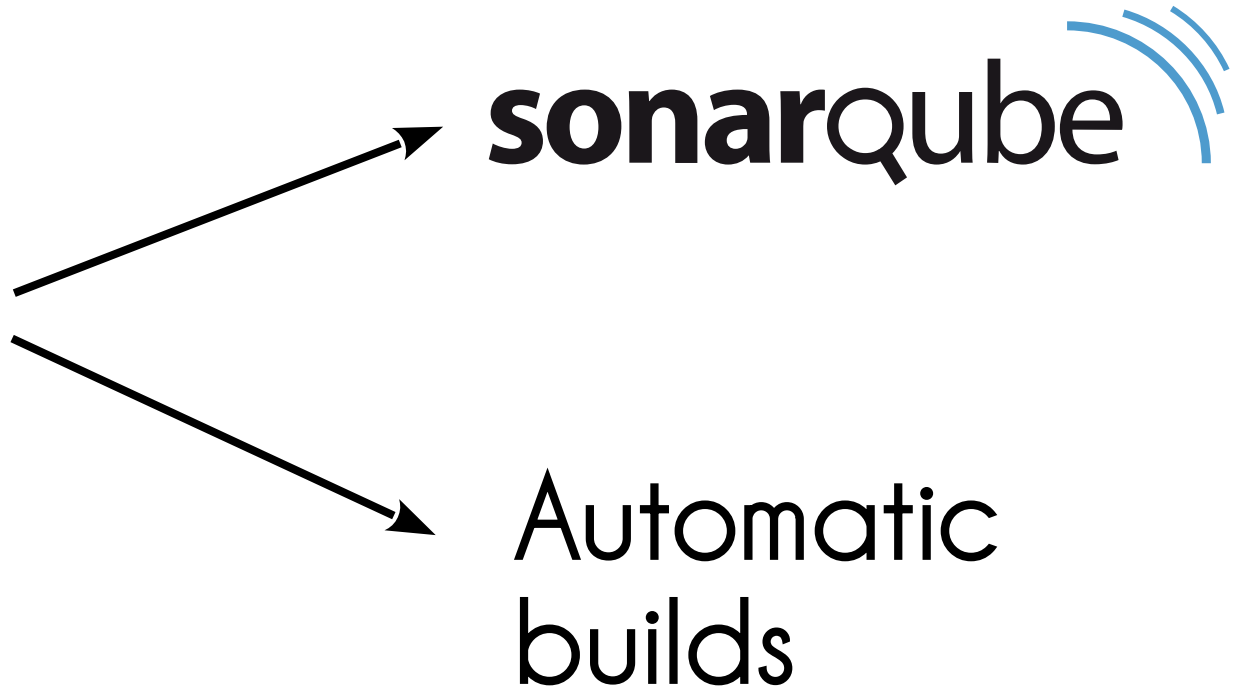
GitHub



TravisCI



Travis CI





Demonstrating the pages

- Github
- TravisCI
- SonarCloud



Automatic Deployment

- After building, a deployment phase begins on TravisCI
- Travis is configured to ssh into the server and launch a deployment script

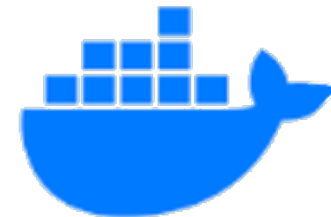
Automatic Deployment



Travis CI



Automatic
builds



docker hub



Server



Demonstration



Thank you for your attention.