Demo Heroku

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Prerequisites: Java, Heroku Toolbet for Windows, Java 8 & Maven installed

1. Check that Maven is installed

mvn - v

1. Use HCL (Heroku Command Line) to authenticate

Heroku login

1. Show Java application and go to the directory (cd)
2. Create app on Heroku (a git remote will be associated with local git)

Heroku apps:create [name] -- region eu

1. Create a new git rep

git init  
heroku git:remote -a [name]

1. Deploy the app

git add .  
git commit -am “first deployment”  
git push heroku master

1. Ensure one instance of Heroku is working

Heroku ps:scqle web = 1  
(heroku ps) to see the # of dyno  
heroku open

1. Install dependencies for running app locally (pom.xml)

Mvn clean install

1. Run app locally

Heroku local web –f procfile.windows  
go to http://localhost:5000

1. Change city and deploy the app locally. Now the local apps is showing Paris while the one on Heroku show Dubai

Got to Main file and change attributes.put("message", "Hello Dubai!") to attributes.put("message", "Hello Paris!")

Git add .  
git commit –am “city changed”  
mvn clean install  
heroku local web –f procfile.windows

1. Push modified app to heroku. Now both apps have city = Paris

Git push heroku master

1. Demo postgress

Show code on Main at get("/contacts") ……

Then

Heroku addons  
heroku pg:psql

Create table contact (name text);  
insert into contact value (‘MaryAnn’);  
insert into contact value (‘Brad’);  
insert into contact value (‘Jihad’);  
select name from contact;

1. Push updates

git add .  
git commit - am “contacts added”  
git push heroku master

1. Open /contacts from Heroku app