

ANOTODE

The Web Annotator .

Deployment Plan Revision 4.0

CS Group 1

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Revision Table

Revision	Author	Reviewer	Revision Date	Revision Tracking Notes
1	Avi	-	5-10-16	Initial version
2	Avi	Monika	5-10-16	Added screenshot of heroku create app
3	Yedla	Monika	5-10-16	Added steps to host webapp
4	Avi	Chahat	6-10-16	Added references in introduction section

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1 Introduction

1.1 Purpose

Anotode is a server-based application. This document covers the steps to deploy the anotode server online so that its client apps can function and use the data sync functionality.

1.2 Document Convention

This document uses the same standards as our all other documents and the specifications for the same has been defined in the Document Convention document.

1.3 Intended Audience and Reading Suggestions

This document is intended for developers, testers and documentation writers. A basic knowledge of computer systems and web servers is needed to completely understand the content written in this document.

1.4 References

Here is the list of references.

- Heroku docs
<https://devcenter.heroku.com/articles/getting-started-with-nodejs>
- Scotch's blog on deploying NodeJS app
<https://scotch.io/tutorials/how-to-deploy-a-node-js-app-to-heroku>
- Github pages
<https://pages.github.com/>

2 Deployment Procedure - Backend

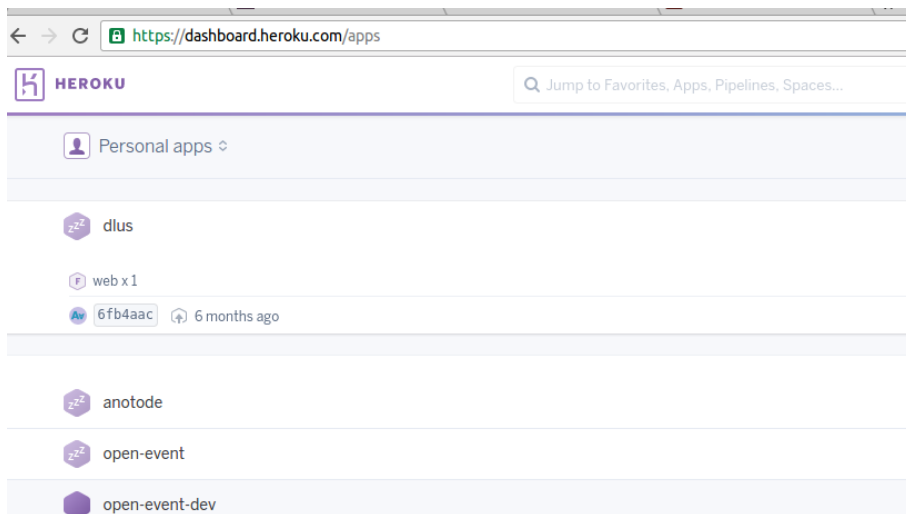
This section is meant for deploying the backend component of Anotode.

2.1 Pre-requisites

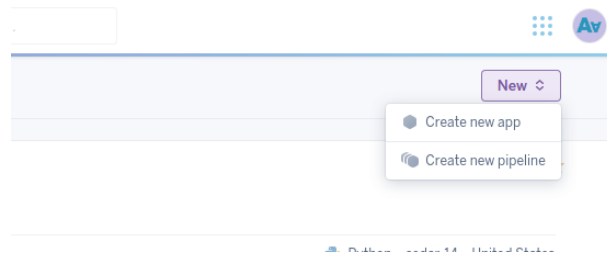
The backend will be hosted on Heroku so this documentation assumes you have an account on heroku.com and have git installed. Also *wget* should be present in the system.

2.2 Procedure

- Go to Heroku's dashboard. (dashboard.heroku.com)



- On the top-right side, click on Create New App option.



- Choose an app name (here anotode-deploy) and then create the app.

App Name (optional)
Leave blank and we'll choose one for you.

anotode-deploy

anotode-deploy is available

Runtime Selection
Your app can run in your choice of region in the Common Runtime.

United States

Create App

- Once the heroku app has been created, now it's time to deploy the server. First proceed with getting the server source code. Run the following command -

```
git clone https://github.com/aviaryan/anotode-server.git
```

- Then you will have to install the heroku toolbet to be able to deploy the server. Do it with the following command -

```
sudo wget -qO- https://toolbelt.heroku.com/install-ubuntu.sh — sh
```

- Check if it is working using the command "heroku apps". If asked for login, do heroku login.

```
abed@ubuntu: ~  
abed@ubuntu:~$ heroku apps  
Enter your Heroku credentials.  
Email: 
```

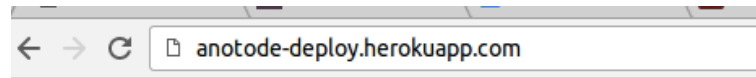
- Next cd into the 'anotode-server' directory and then attach the heroku remote.

```
cd anotode-server  
git remote add heroku https://git.heroku.com/anotode-deploy.git
```

- Now the final thing that remains is to push the code to heroku.

```
git push heroku master
```

- Check the deployment by going to <http://anotode-deploy.herokuapp.com>



Anotode Server

Welcome to Anotode Server

3 Deployment Procedure - Webapp

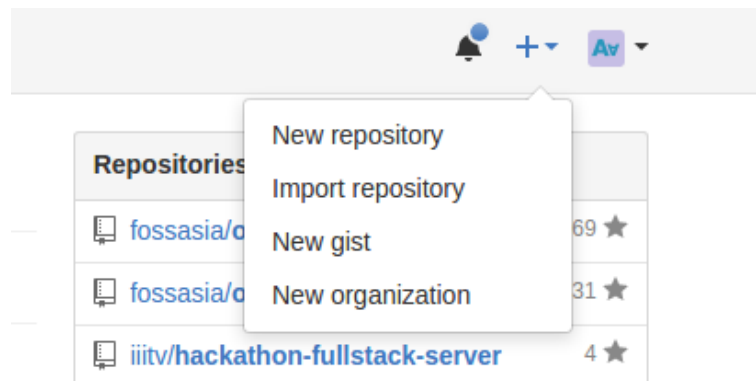
This section is meant for deploying the web app of Anotode.

3.1 Pre-requisites

The webapp will be hosted on Github so the reader should have an account on github.com to proceed.

3.2 Procedure

- Go to github.com and click on create new repo option. This repo will be responsible for storing the webapp.




- Choose a new name for your repo (here anotode-online) and create it.

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner **Repository name**

 **aviaryan** / **anotode-online** ✓

Great repository names are short and memorable. Need inspiration? How about **studious-tribble**.

Description (optional)

Anotode online

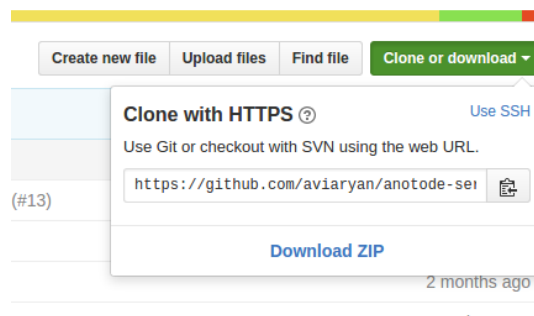
☒ **Public**
Anyone can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

☐ **Initialize this repository with a README**
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: **None** | Add a license: **None** ⓘ

- Visit the repo to get the repo clone url. Copy it.



- Clone the repo locally.

```
git clone clone_url  
cd anotode-online
```

- Download the source code of webapp from github.com/aviaryan/anotode-webapp repo and copy it in anotode-online directory that was formed in previous step.
- When done, commit all the new files.


```
git checkout -b gh-pages
git add .
git commit -m "initial commit"
```

- Push the changes on the github server.

```
git push origin gh-pages
```

- Visit <http://username.github.io/anotode-online> to see the webapp online.
Here *username* is your github username.

4 Appendix A: Glossary

git GIT VCS. See <http://git.com>

repo Repository. A term used on github which means a "project".

Server Server refers to the backend server which is responsible for serving as a medium so that the client apps can access the database.