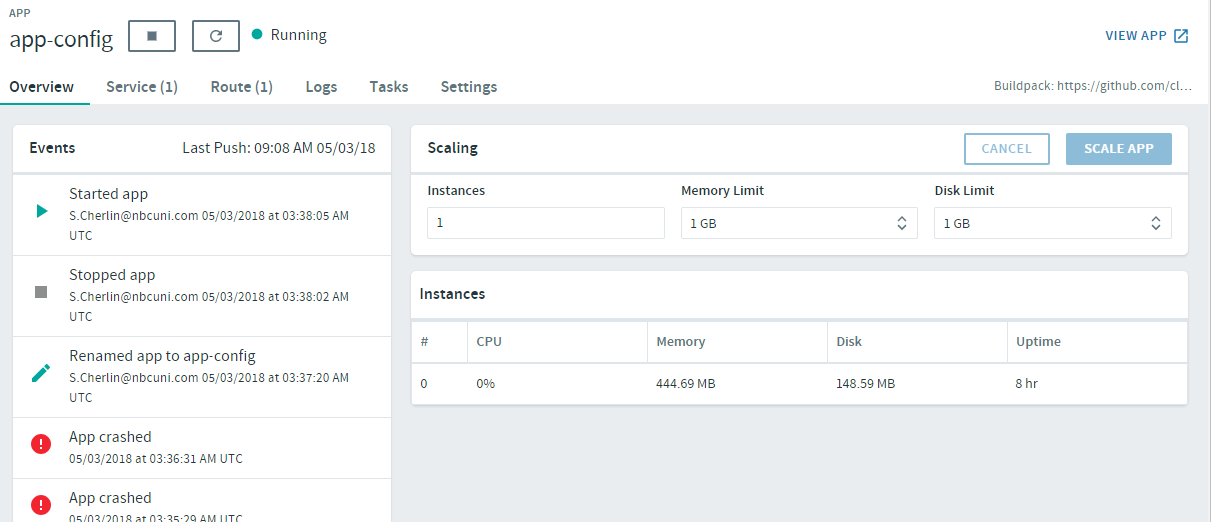
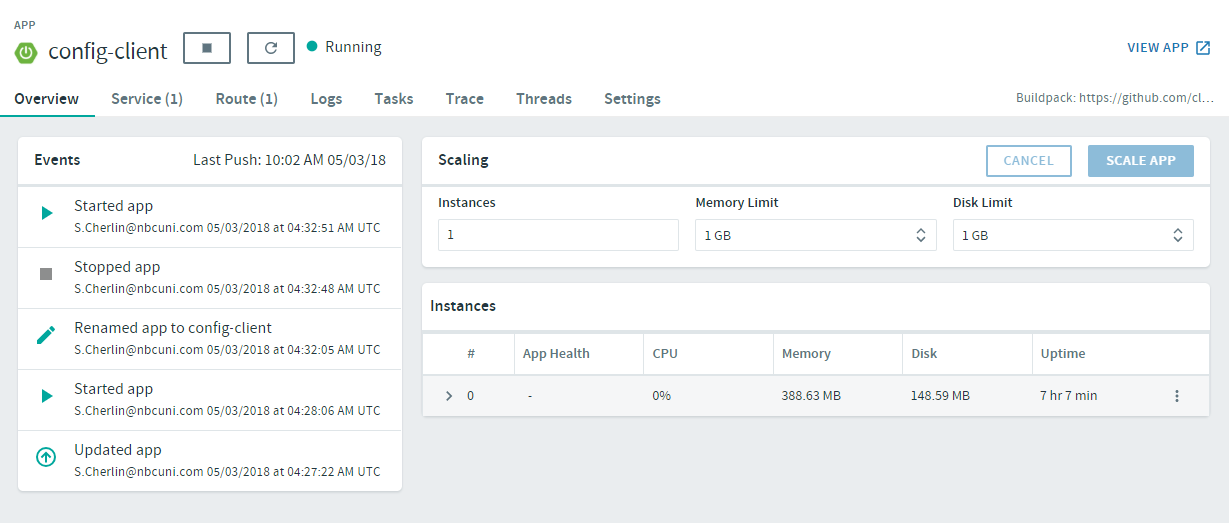
**Automatic Refresh of config file using webhook and RabbitMQ**

Two applications is created and binded with the config server

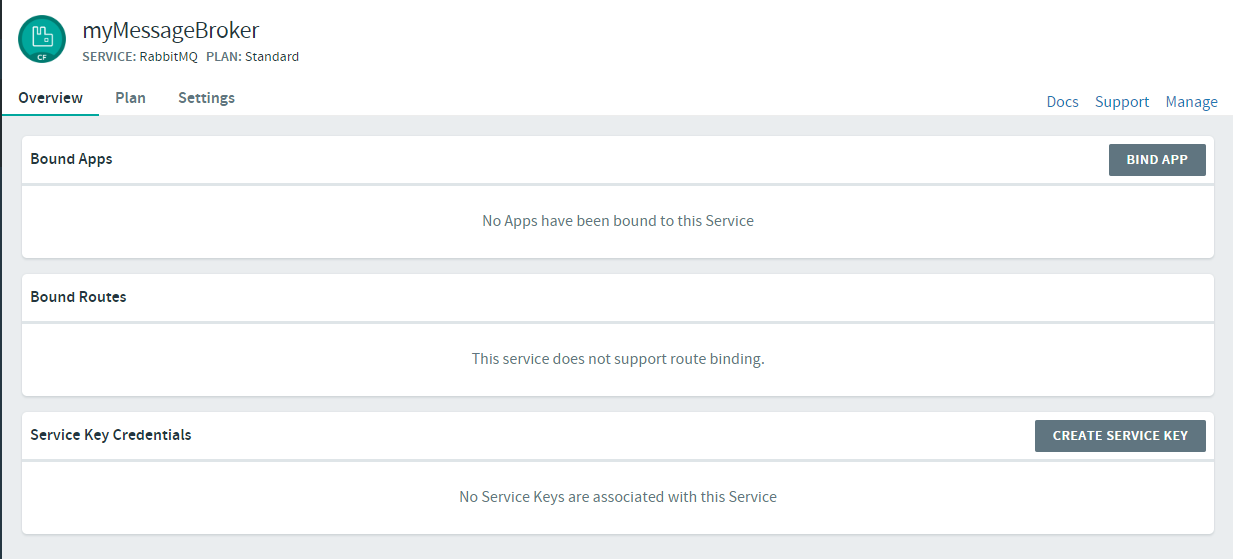
1. **app-config**



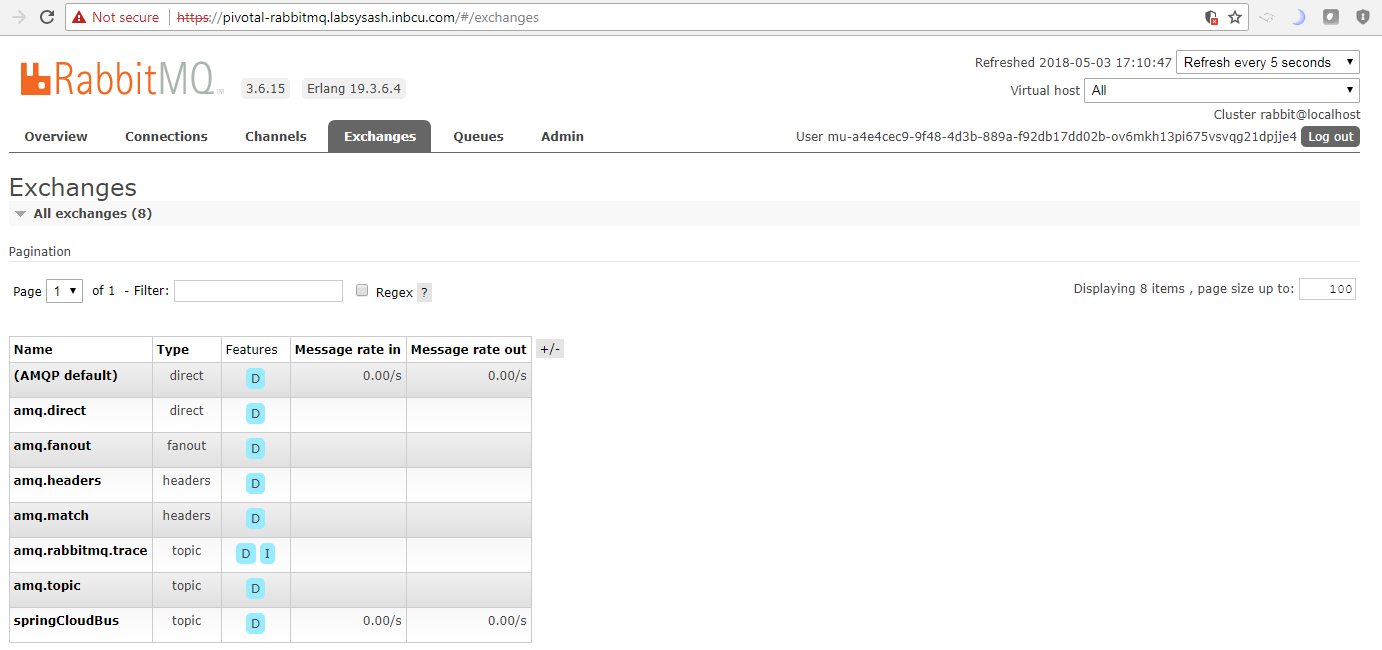
1. **config-client**



**Rabbit MQ Service is created:**



Create a new exchange**:** **springCloudBus** with type **topic**



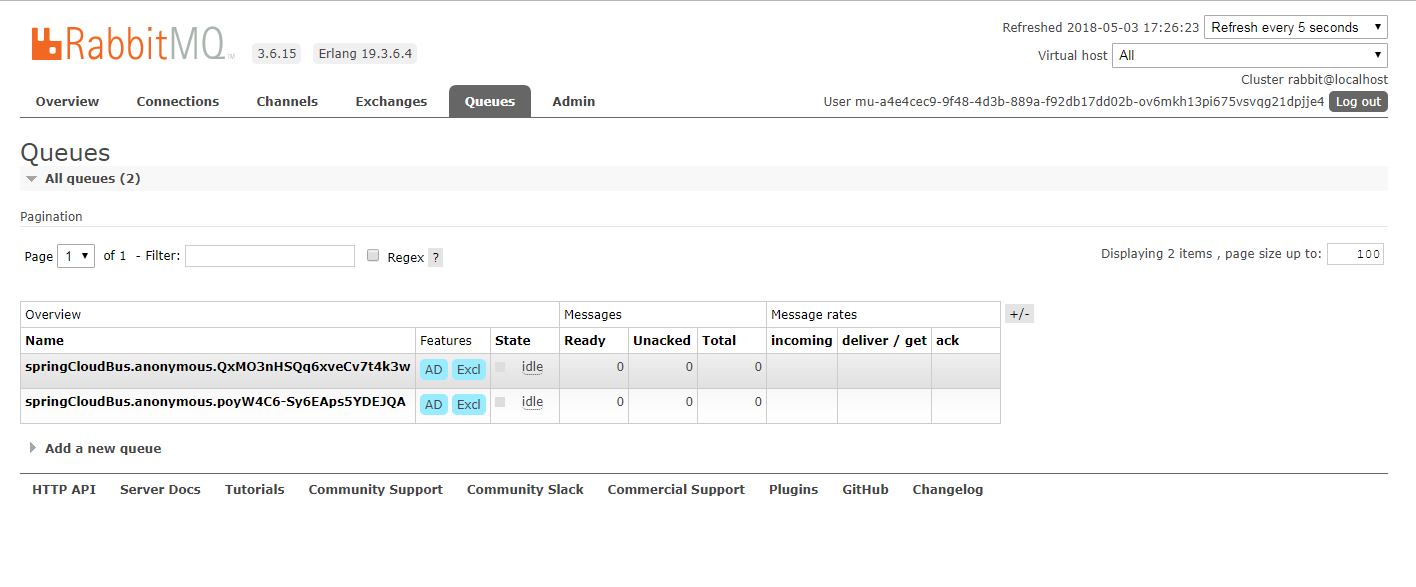
Dependency is added in the POM for the application :

|  |
| --- |
| <dependency>  <groupId>org.springframework.cloud</groupId>  <artifactId>spring-cloud-starter-bus-amqp</artifactId>  <version>1.3.1.RELEASE</version>  </dependency> |

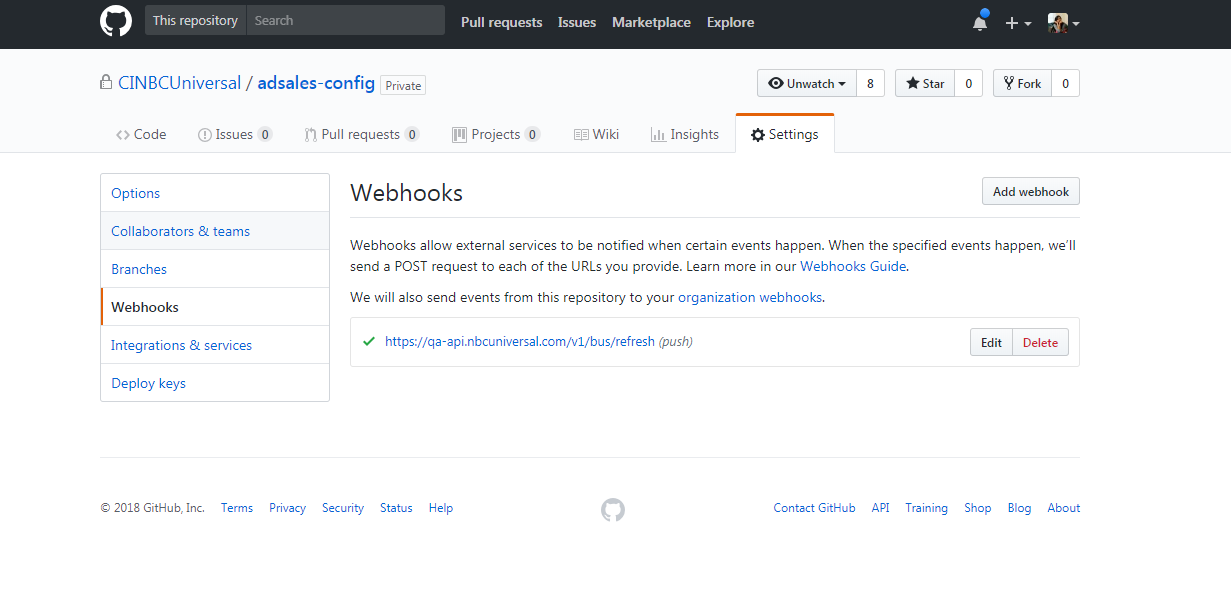
In the **application.propeties add the RabbitMQ details**:

|  |
| --- |
| spring:  rabbitmq:  host: 100.126.52.16  port: 5672  username: faedc2ed-956c-4857-8d54-e313c92845dd  password: ohnag53b0or7ud4qu6auajnb0n  virtual-host: a4e4cec9-9f48-4d3b-889a-f92db17dd02b |

After starting the application two application queues will be created as seen below:



Webhook is create in github



Here URL of webhook: <https://qa-api.nbcuniversal.com/v1/bus/refresh?client_id=hdtjr2k7d2ujmy7kr42467rd>

Should be pointed to any one of the application URL, here I have given the URL of **app-config** application

<http://app-config.labash.inbcu.com/bus/refresh>

**Note:** All the application will have end point with **/bus/refresh** endpoint

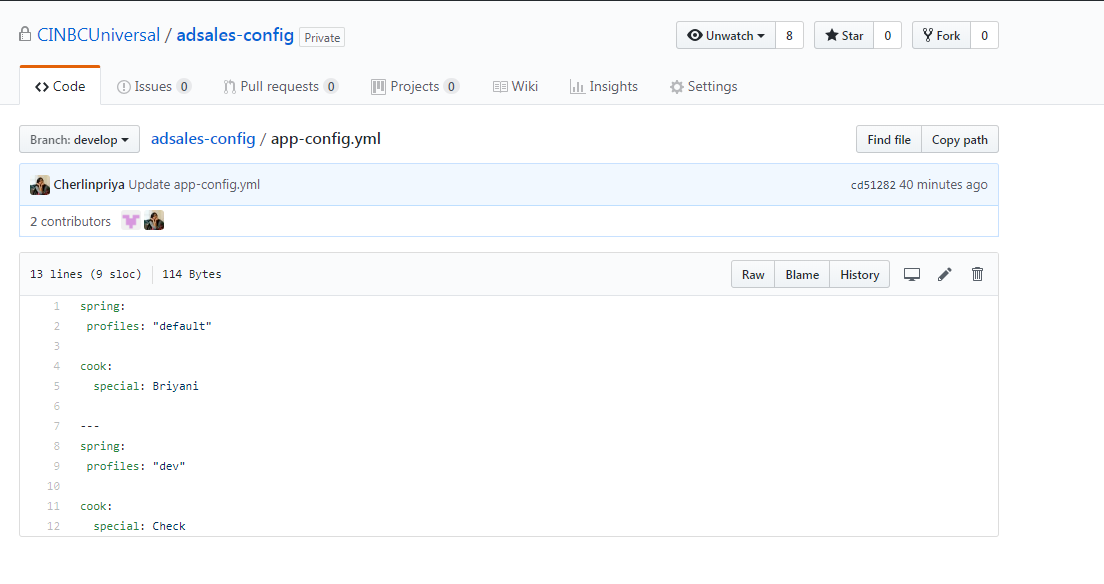
**If any changes in git repo will trigger the webhook and then it will post the request to** [http://app-config.labash.inbcu.com/**bus/refresh**](http://app-config.labash.inbcu.com/bus/refresh)

Since all the application is pointing the RabbitMQ service bus automatically /refresh URL of the application is called . So all the application.yml will be updated with the latest one.

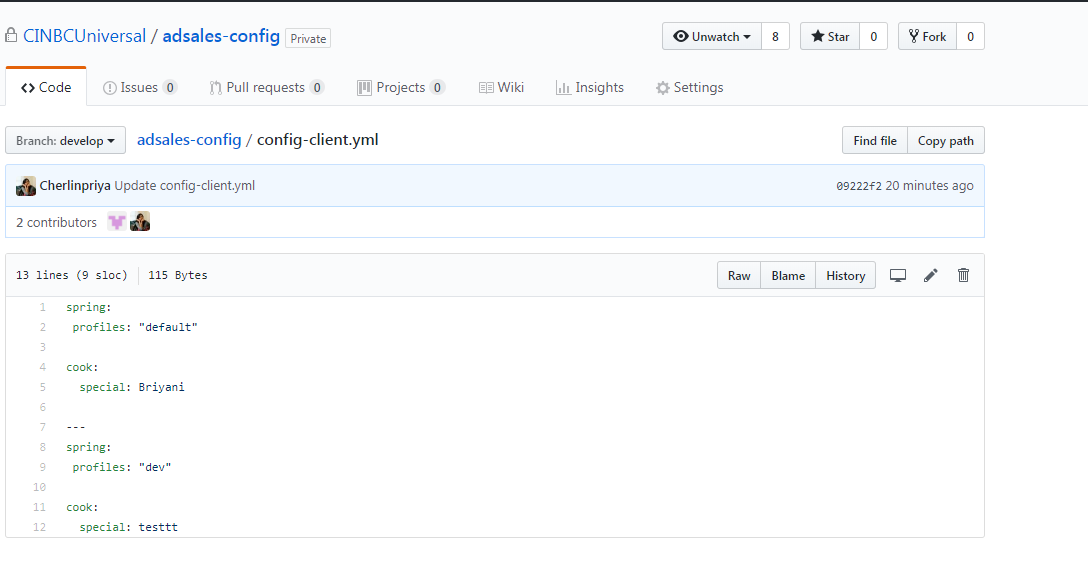
**Sample Testing:**

In the [**adsales-config**](https://github.com/CINBCUniversal/adsales-config) repository in the develop branch two config files are there

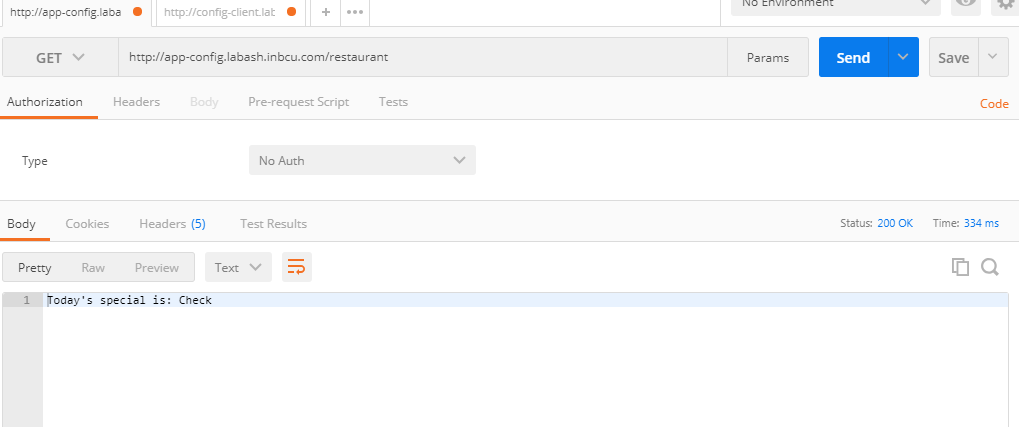
1. app-config.yml

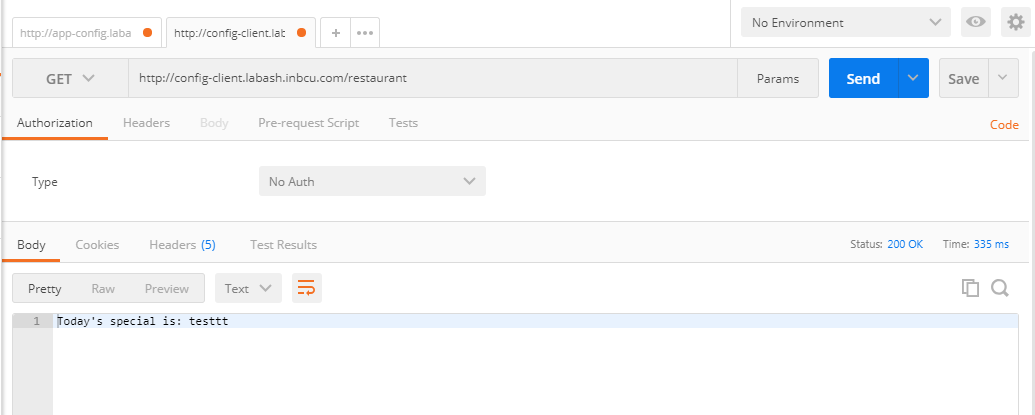


1. config-client.yml

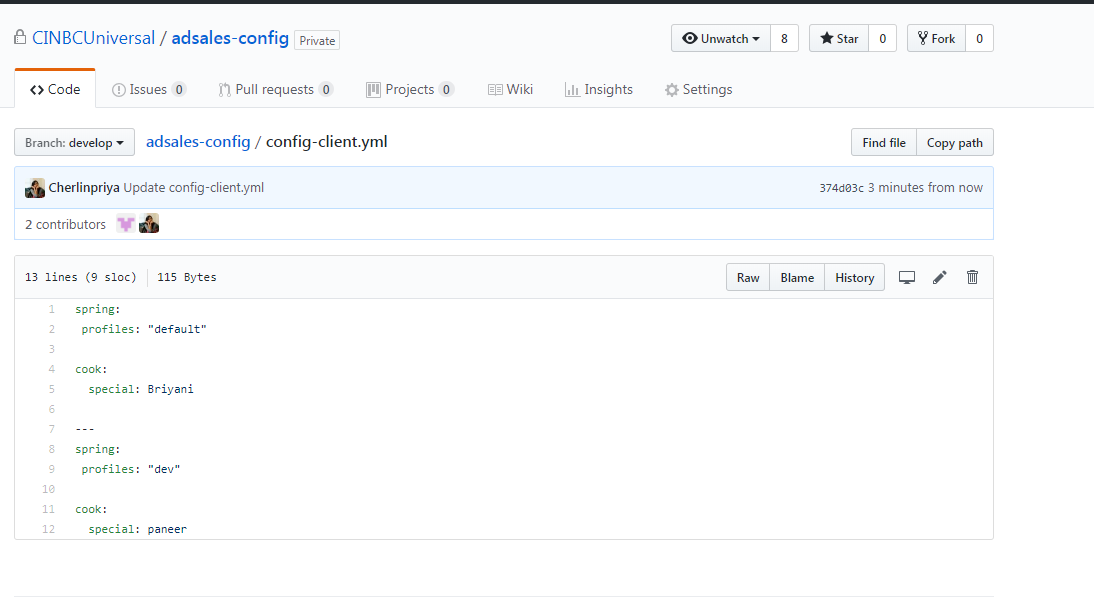


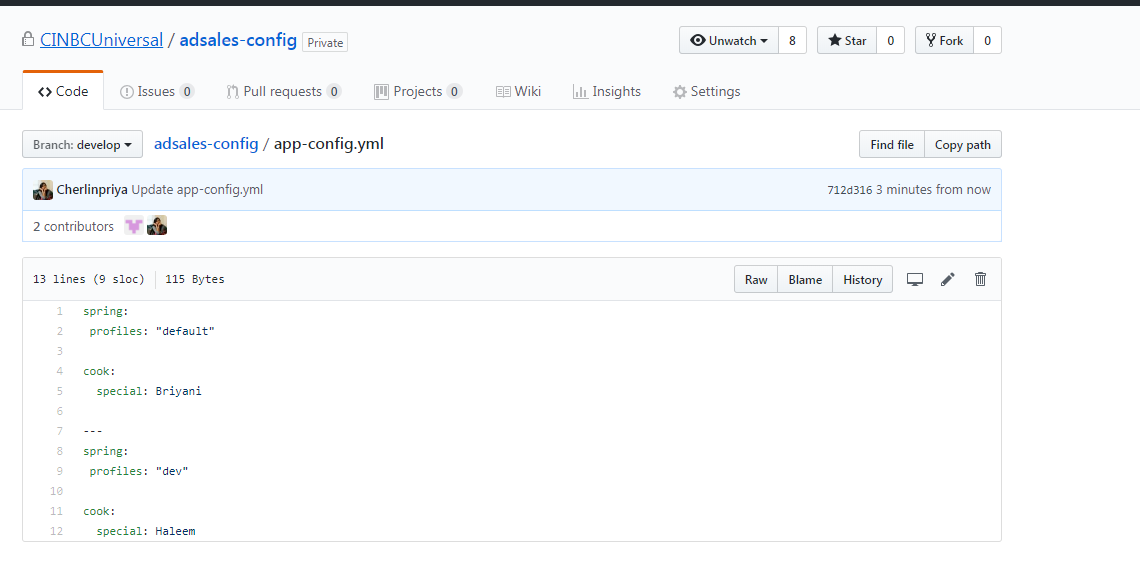
Before:



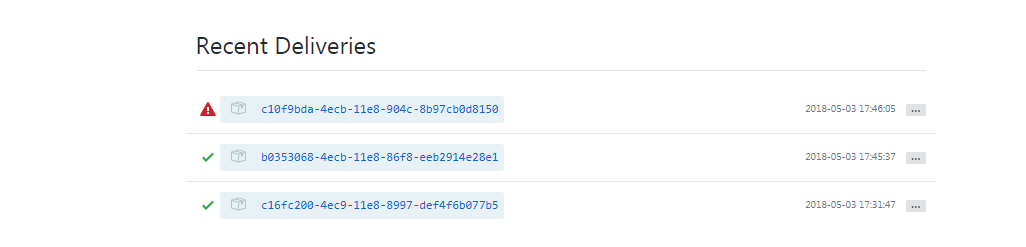


Changing the properties for both the file





In the webhook if see two entries are create :



After modifying without **refresh:**

Properties are update automatically in the both the file

