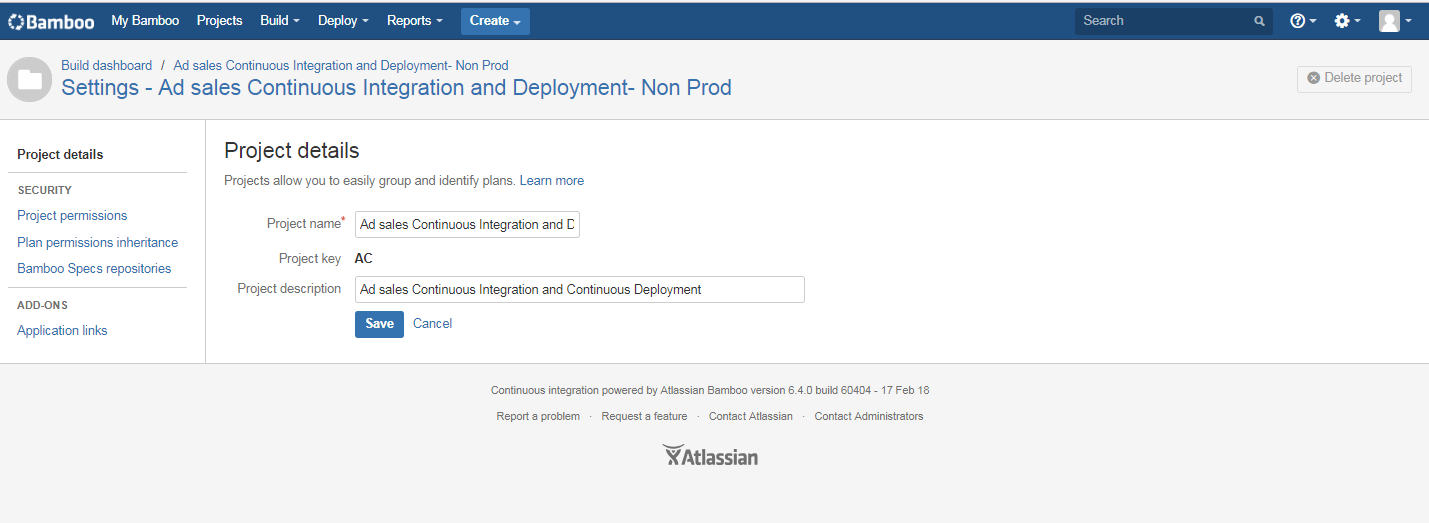
**Ad sales Continuous Integration & Deployment**

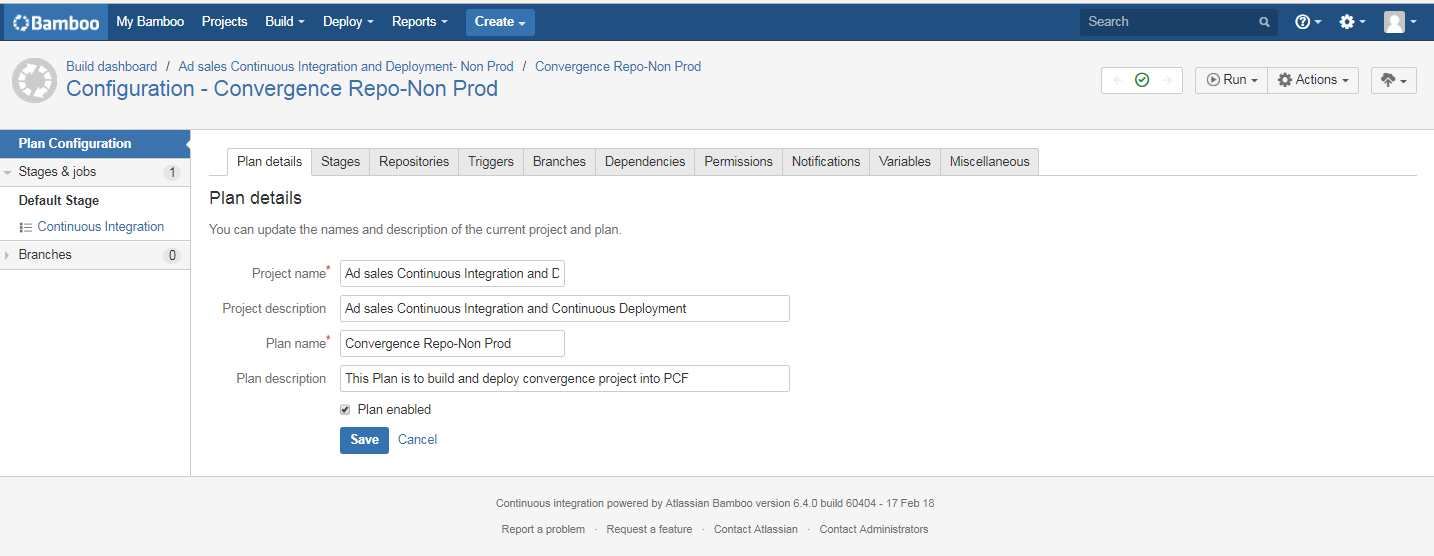
***Configuration Setup***

Creating a New project in Project in Bamboo

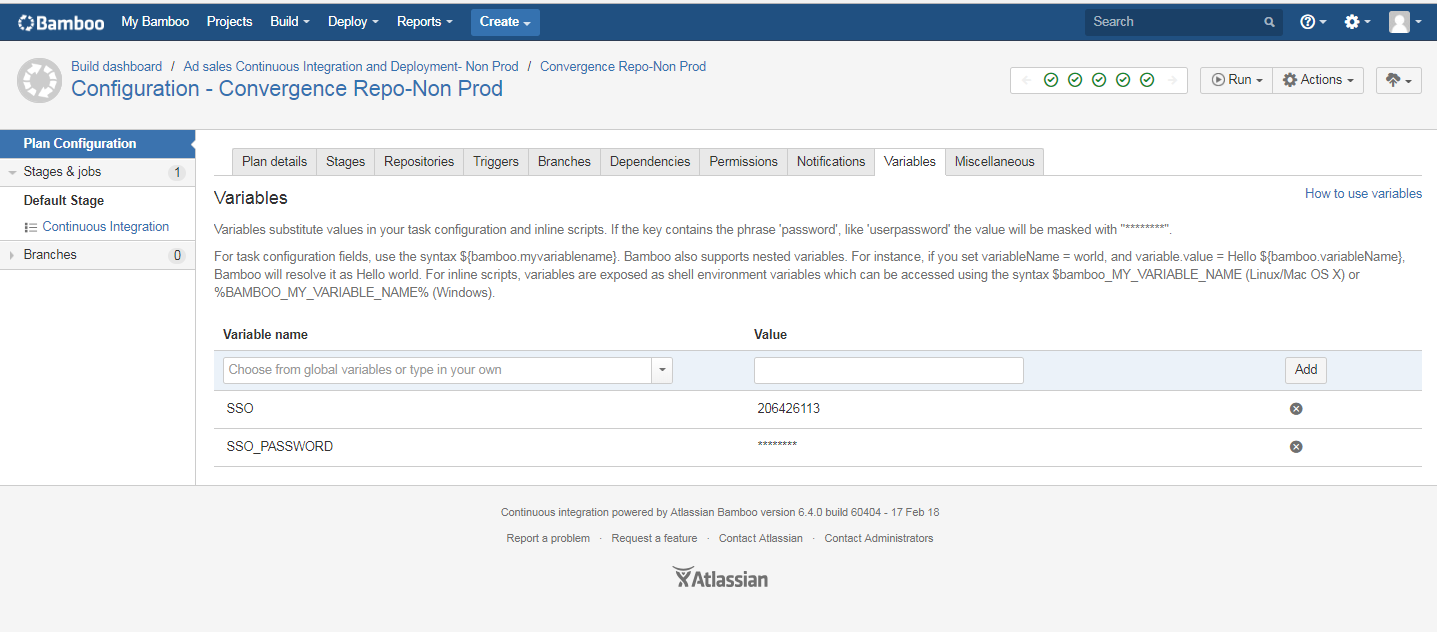
**Project Name**: Ad sales Continuous Integration and Deployment- Non Prod



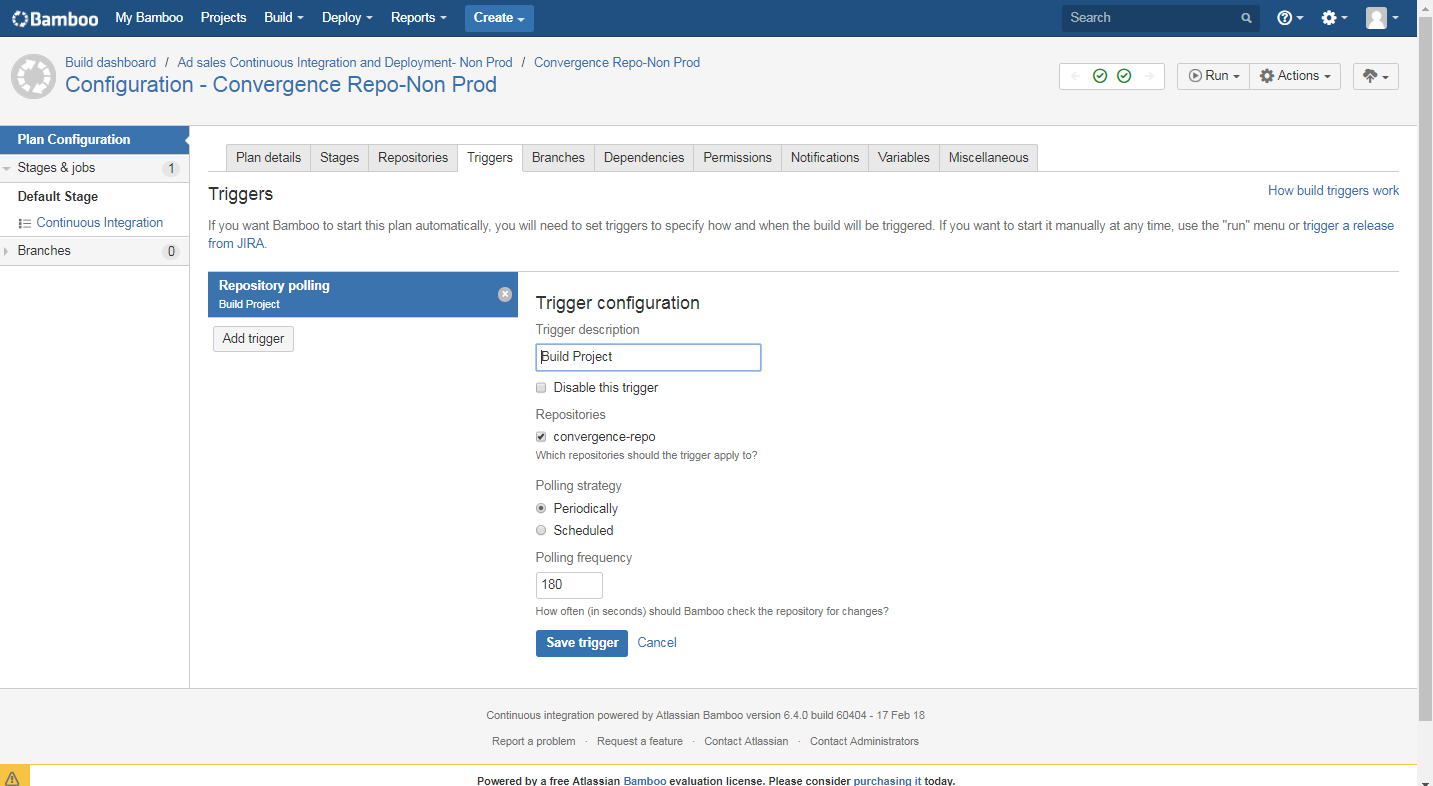
**Creating a new plan**:



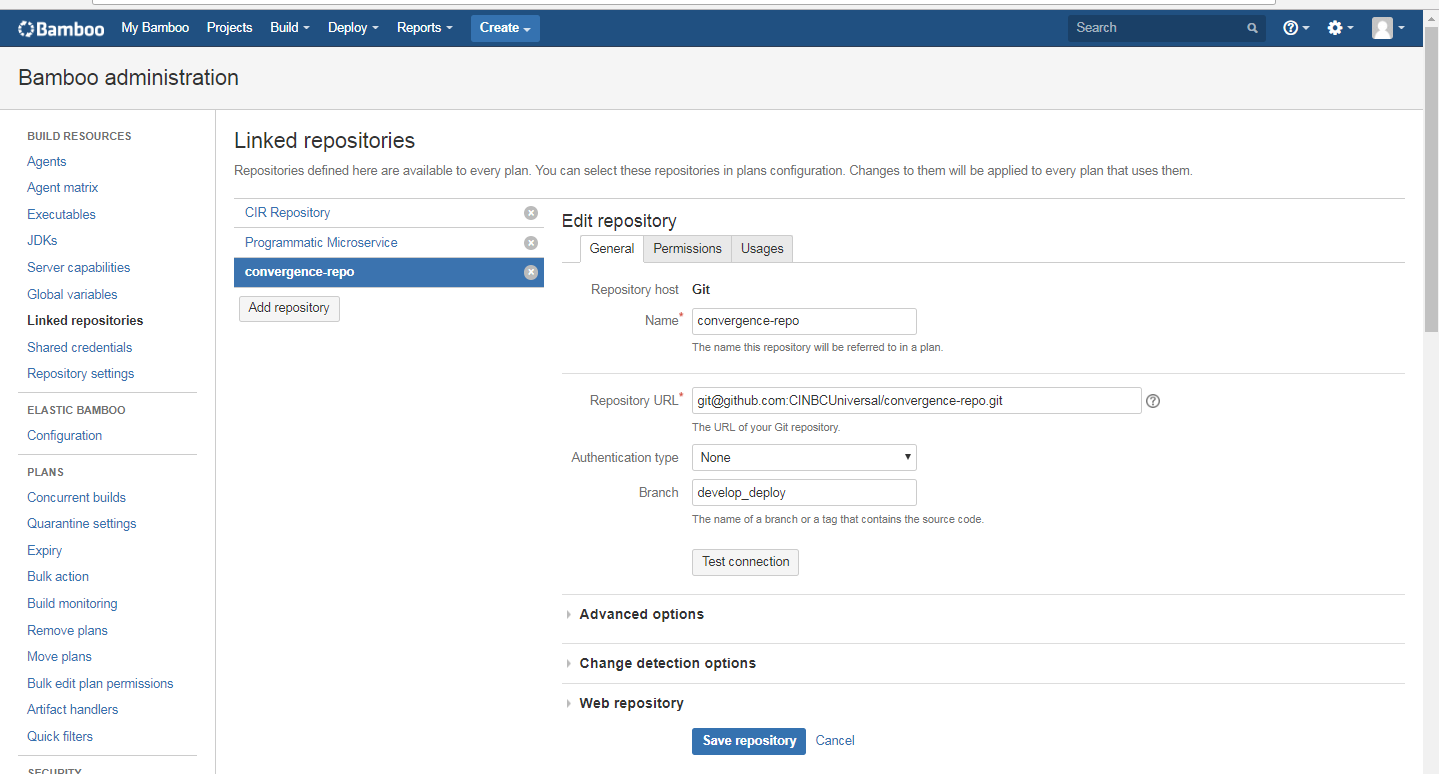
**Plan Variables:**



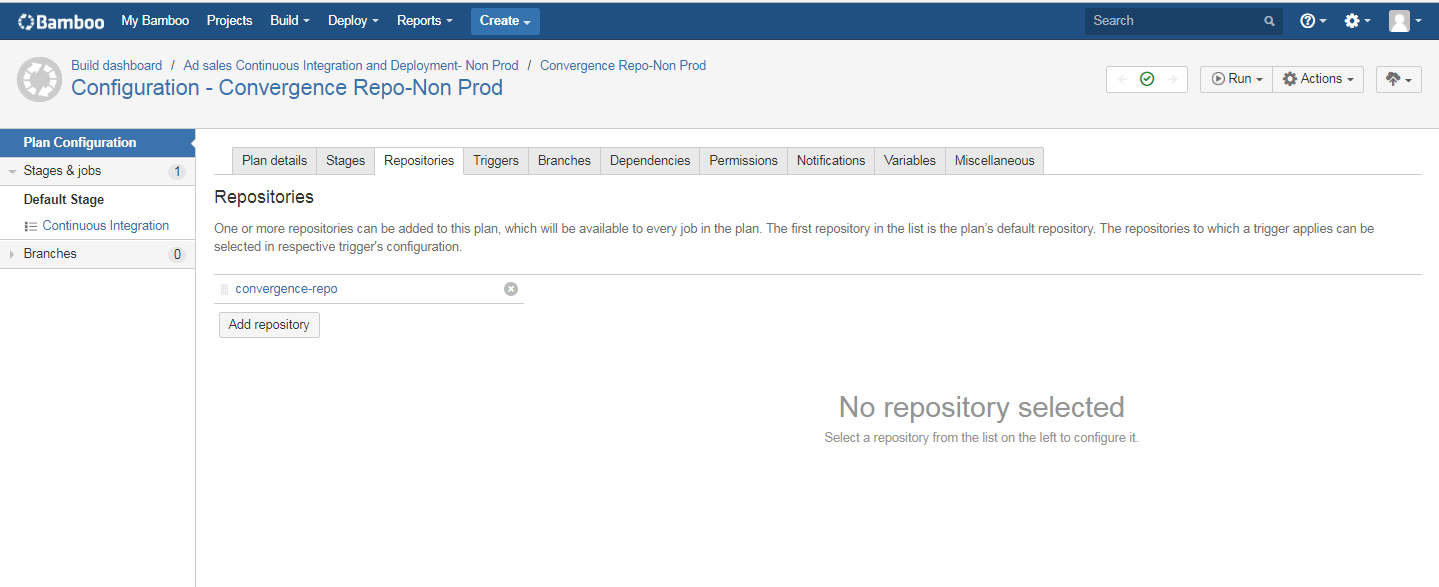
**Plan Trigger:**



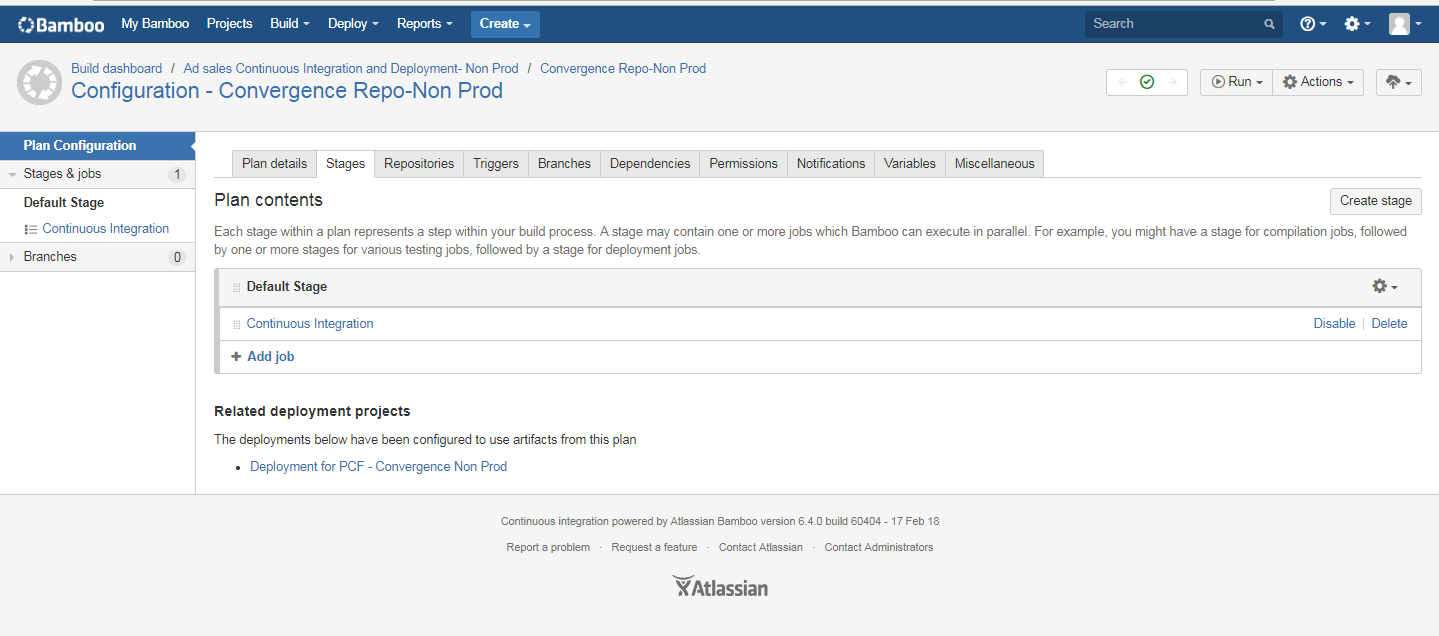
Create a linked repository for convergence repo:



Attach the linked repository into the plan repository section:



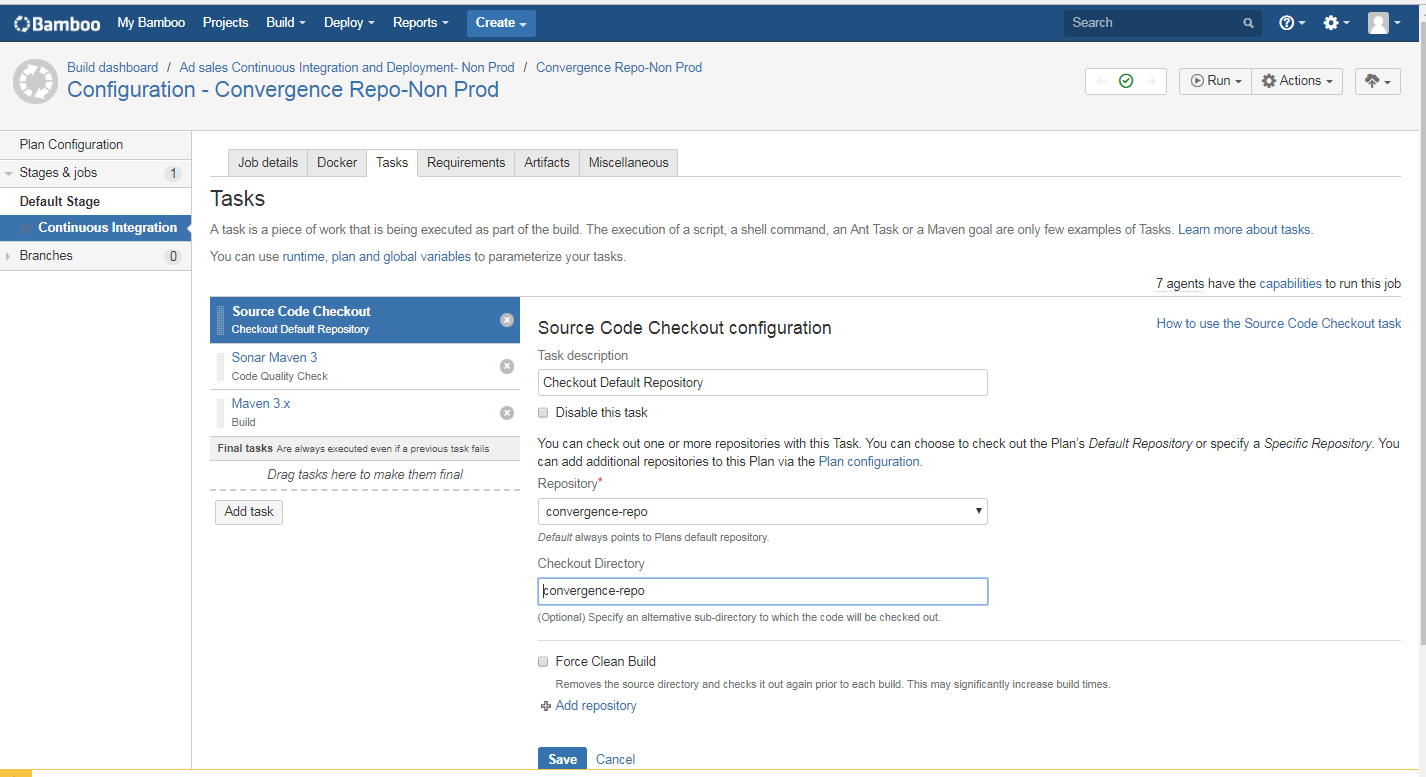
**Plan Stages:**



**Plan Tasks:**

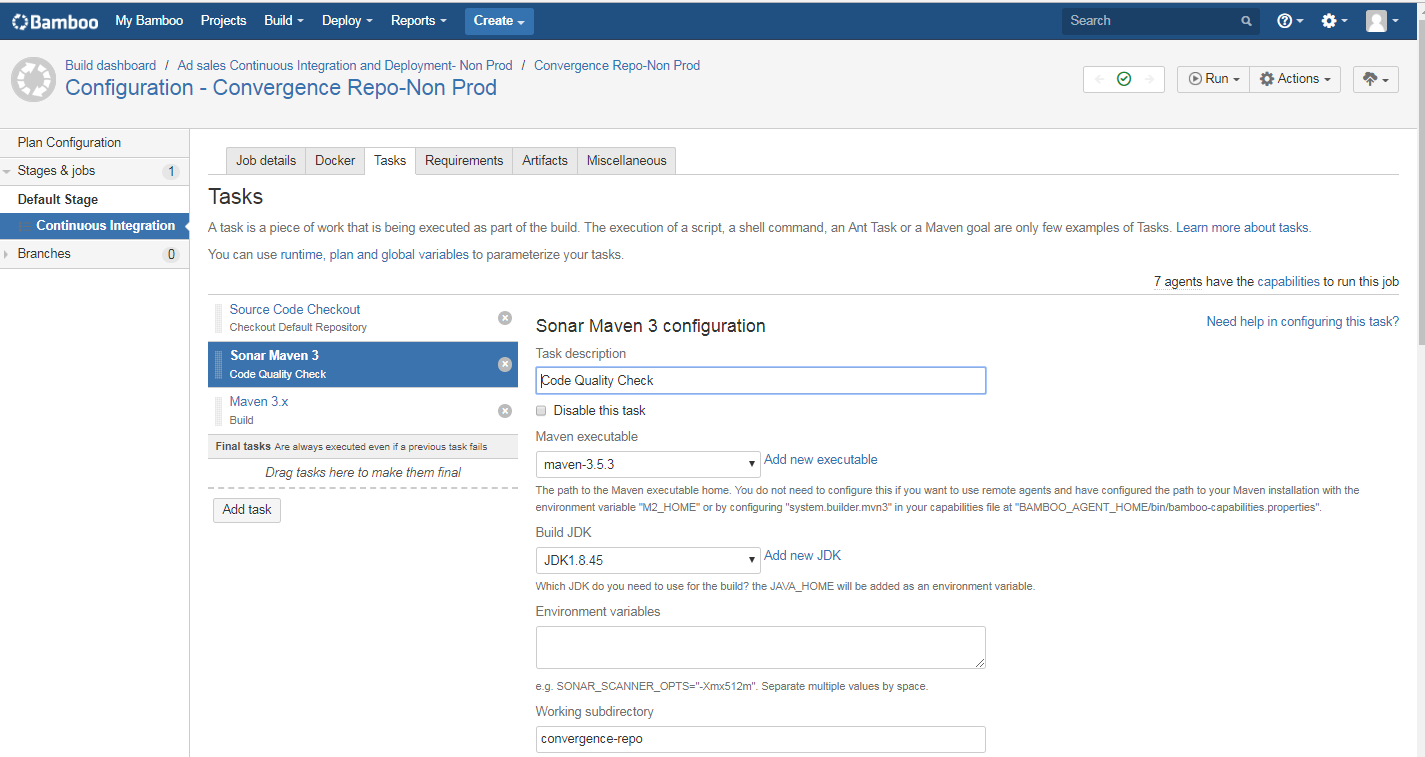
**Task 1:**

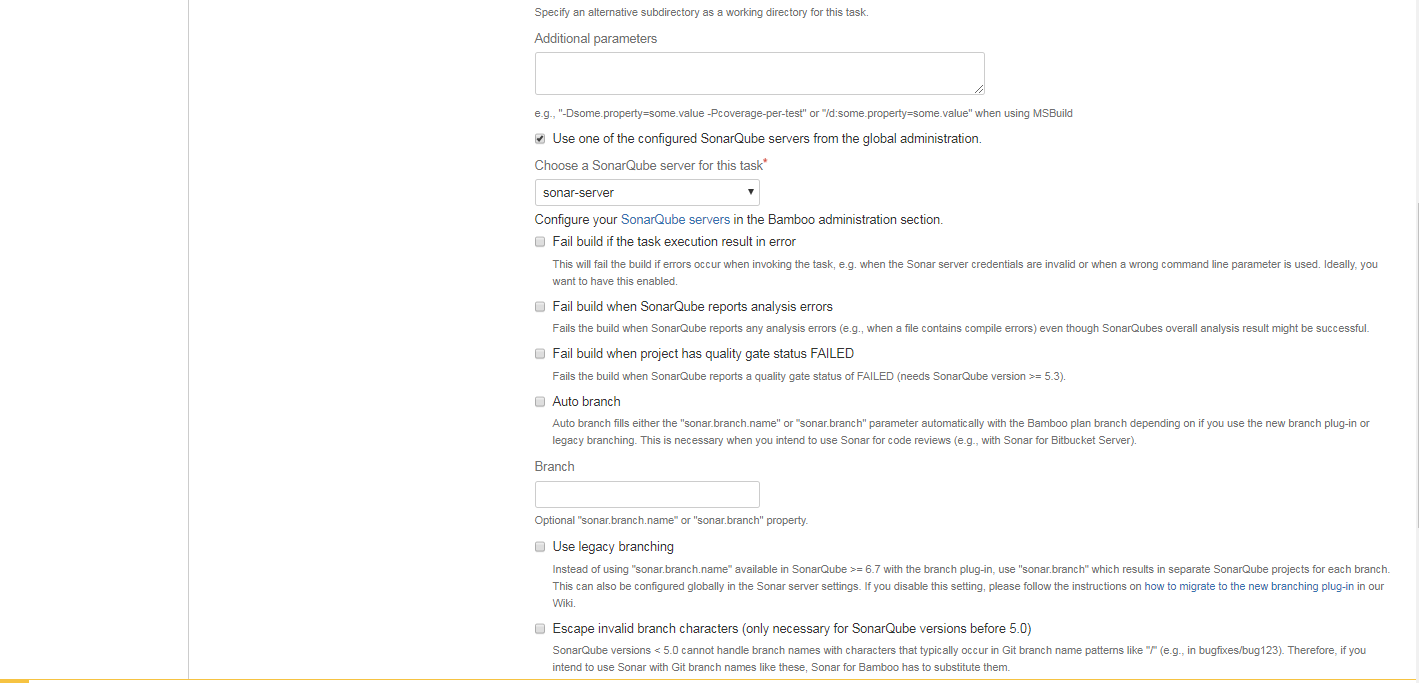
Mention the checkout directory path on the server

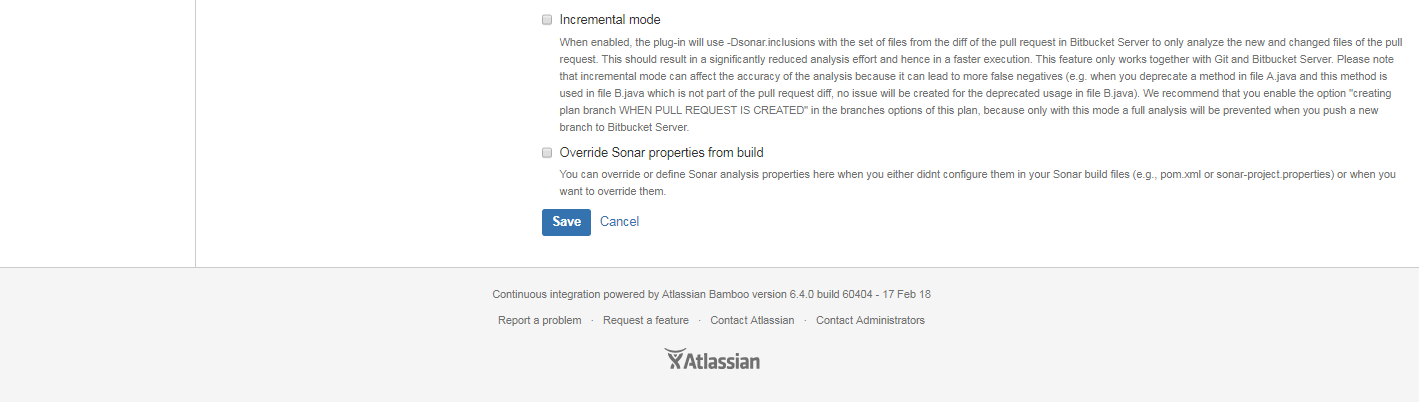


**Task 2:**

Sonar Configuration





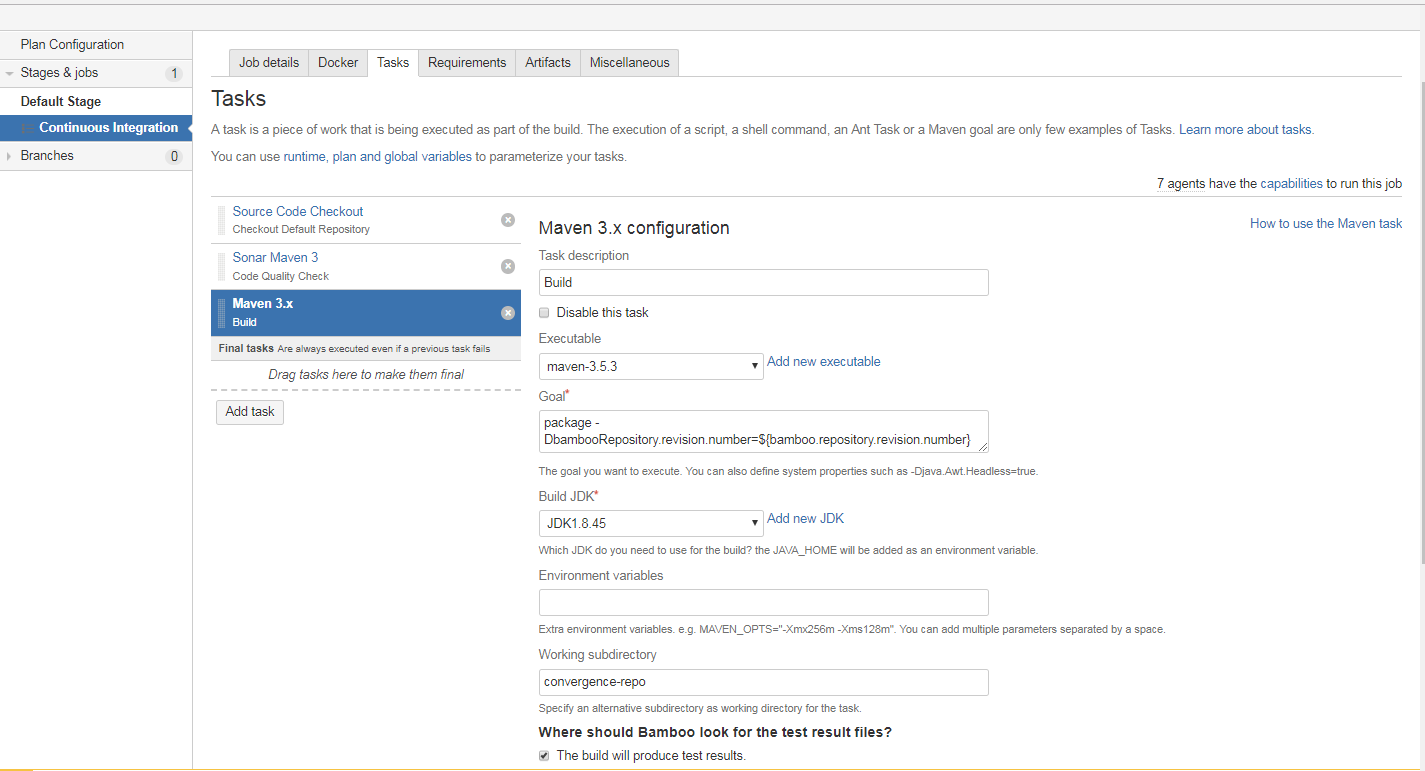


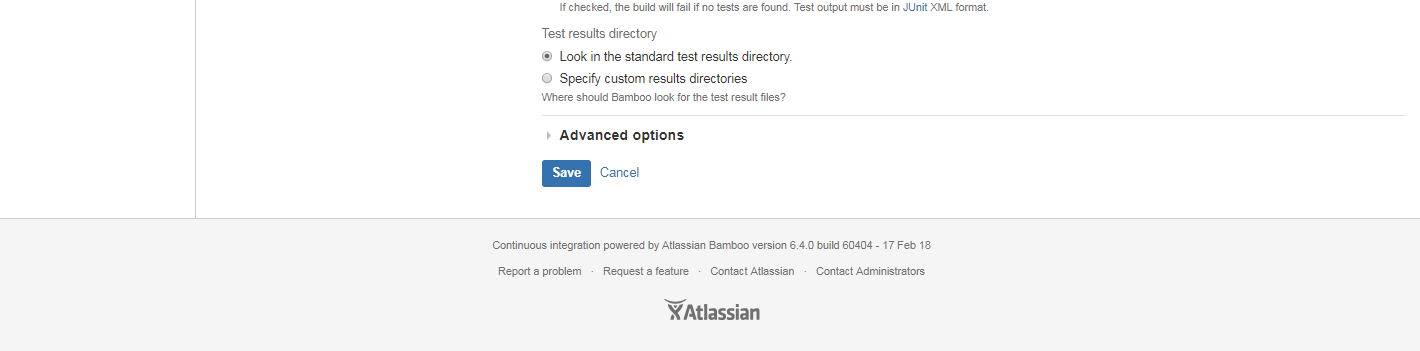
**Task 3:**

Building the project using the maven

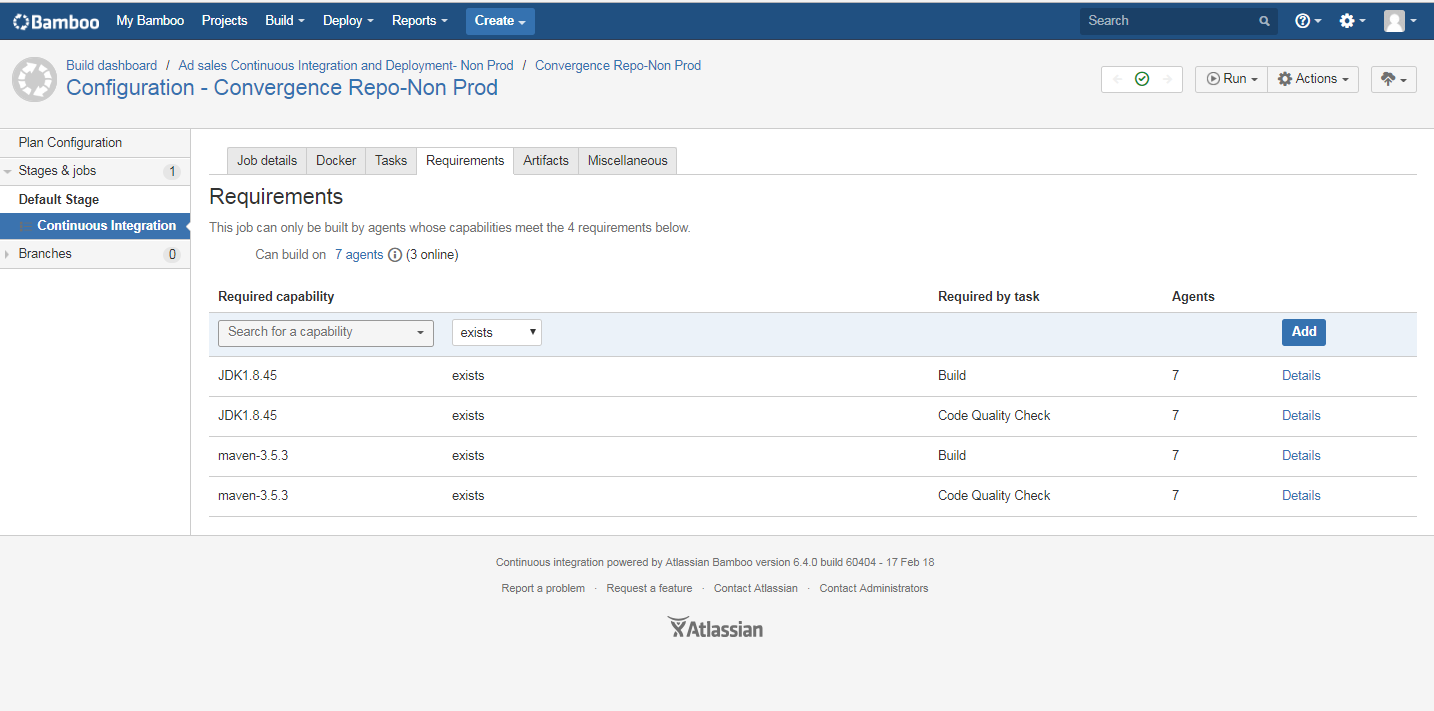
Goal:

|  |
| --- |
| package -DbambooRepository.revision.number=${bamboo.repository.revision.number} |

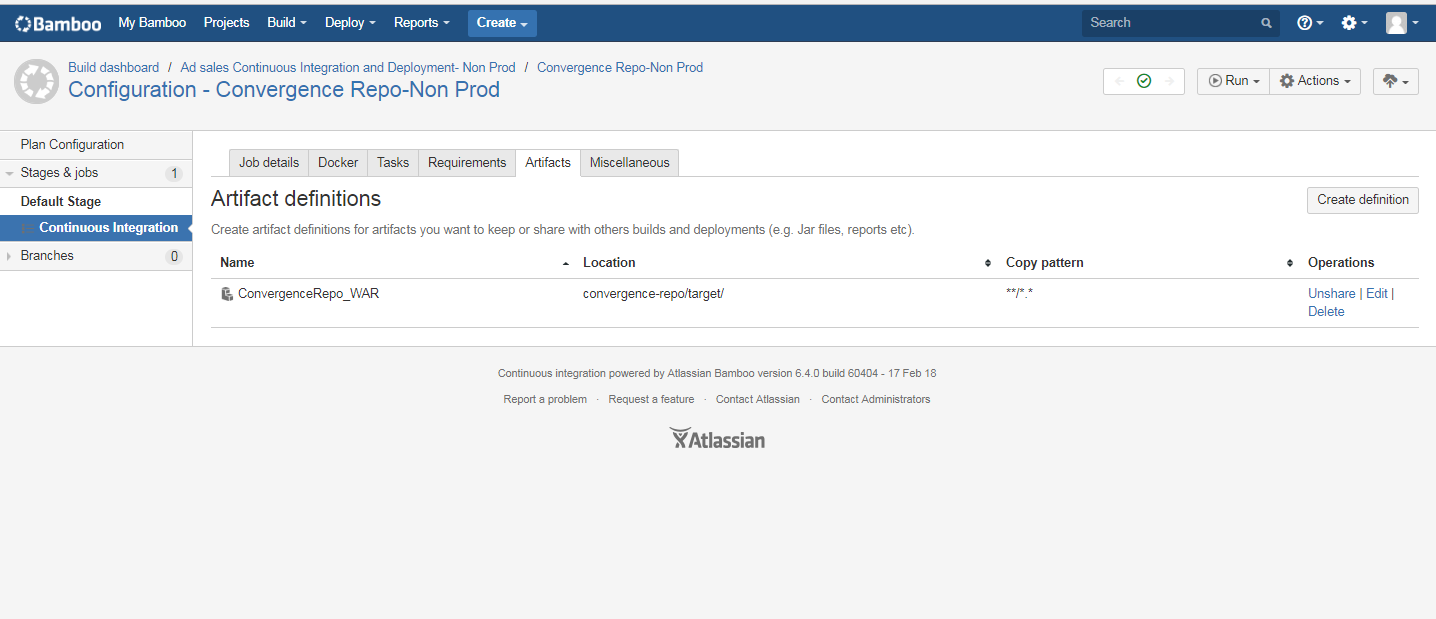


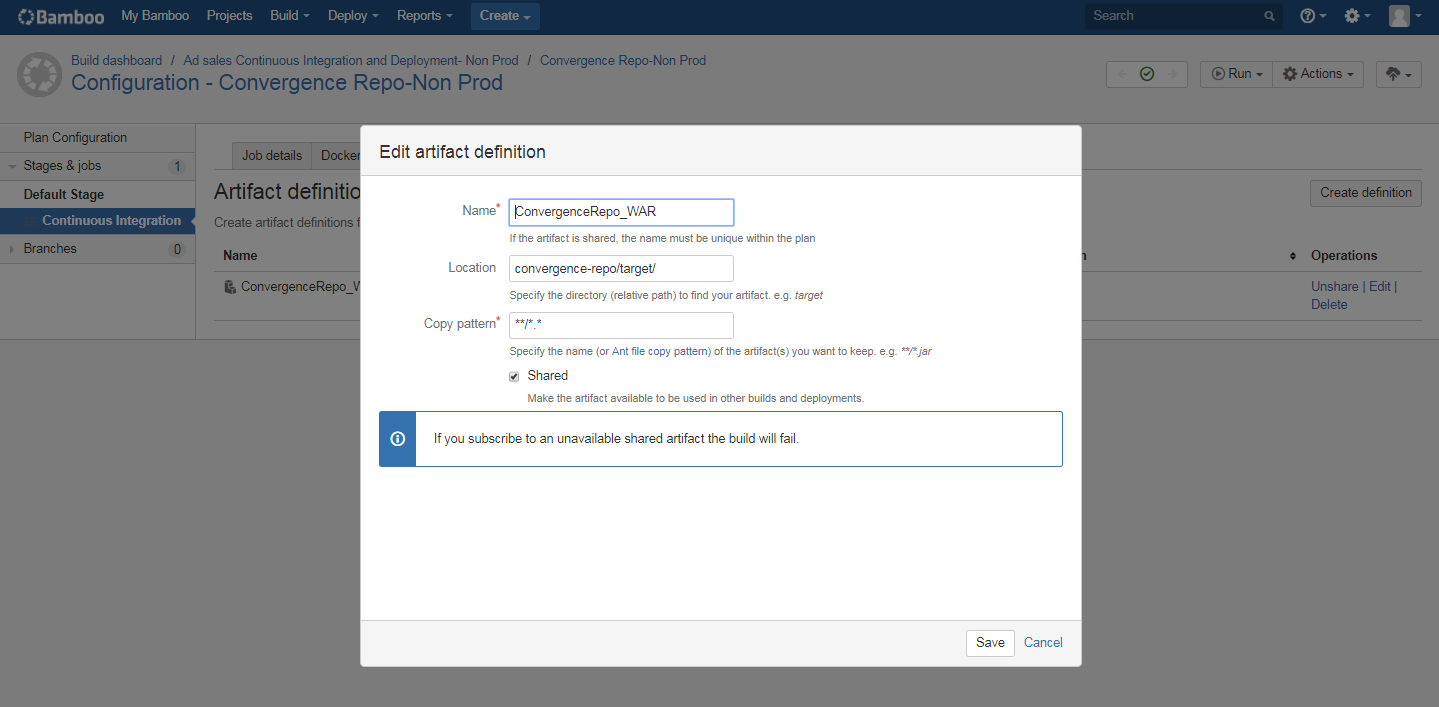


**Plan Requirements:**

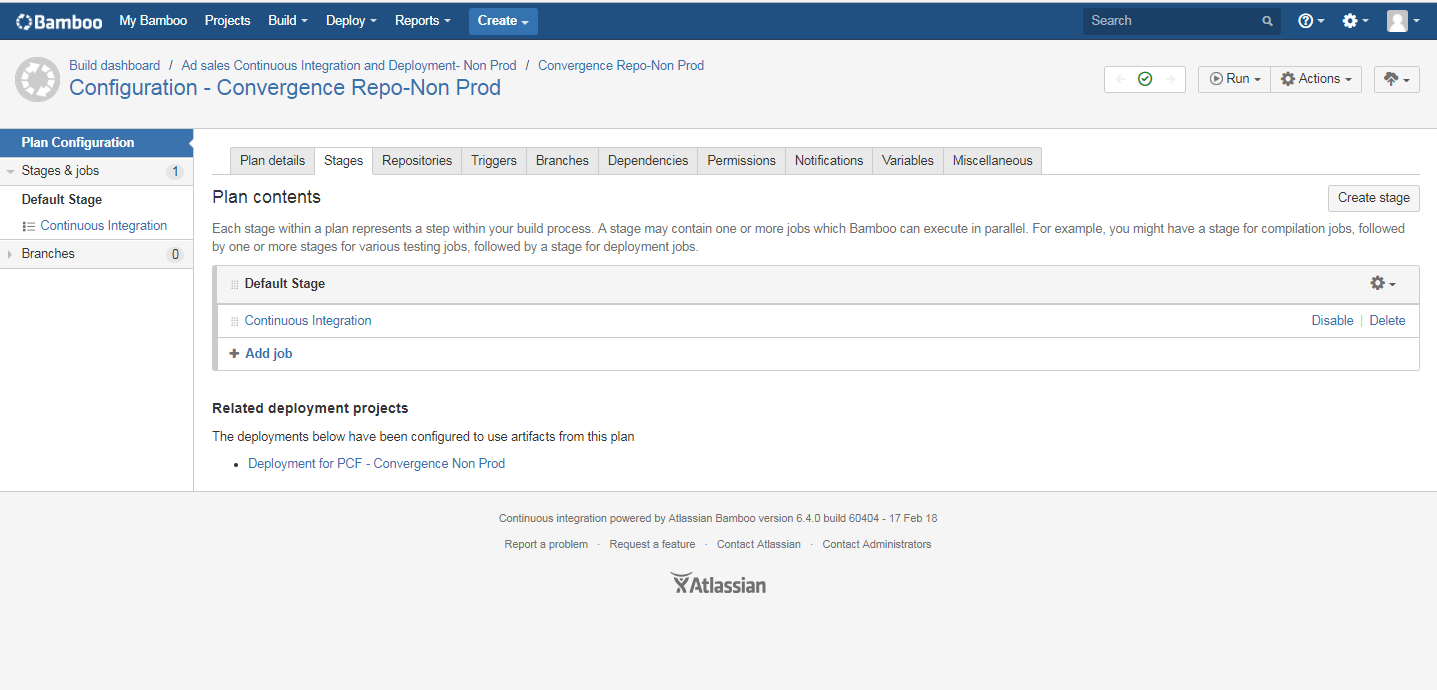


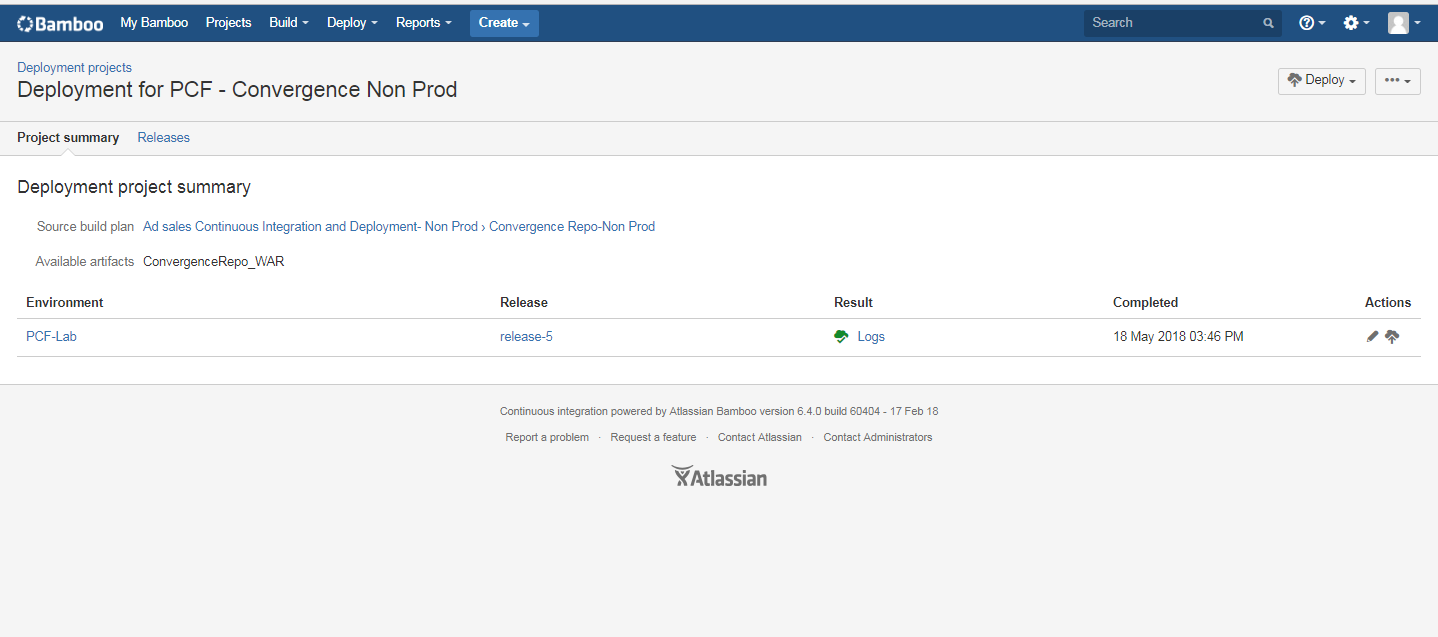
**Plan Artifacts:**

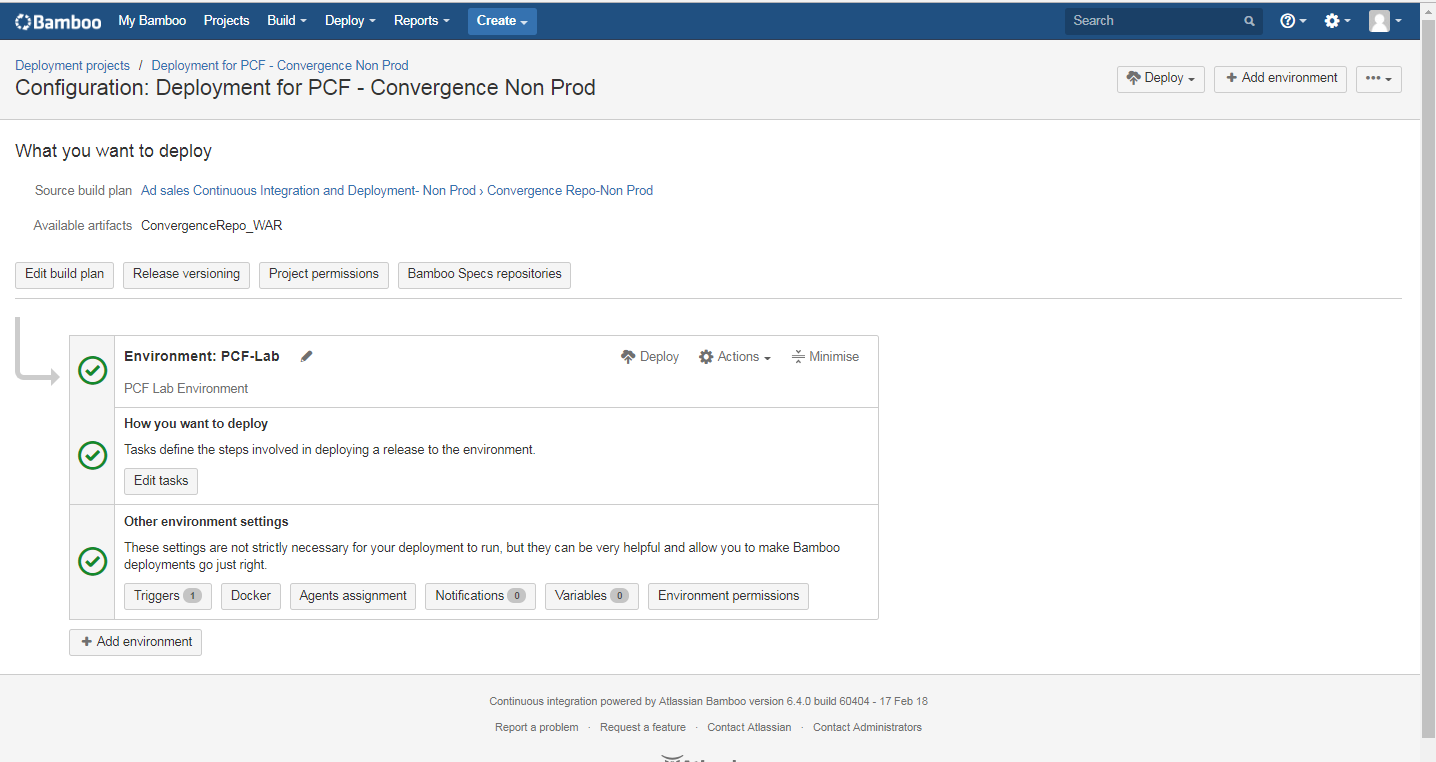


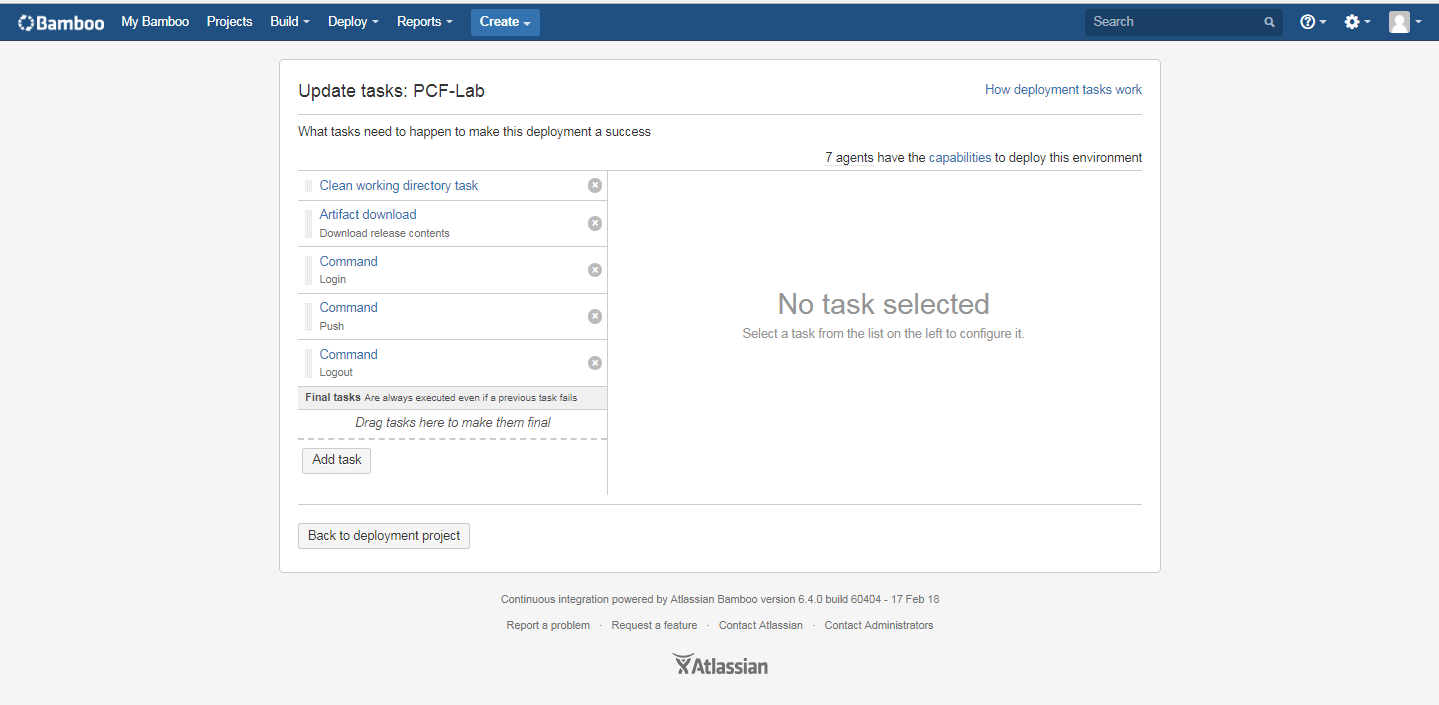


***Deployment Configuration:***



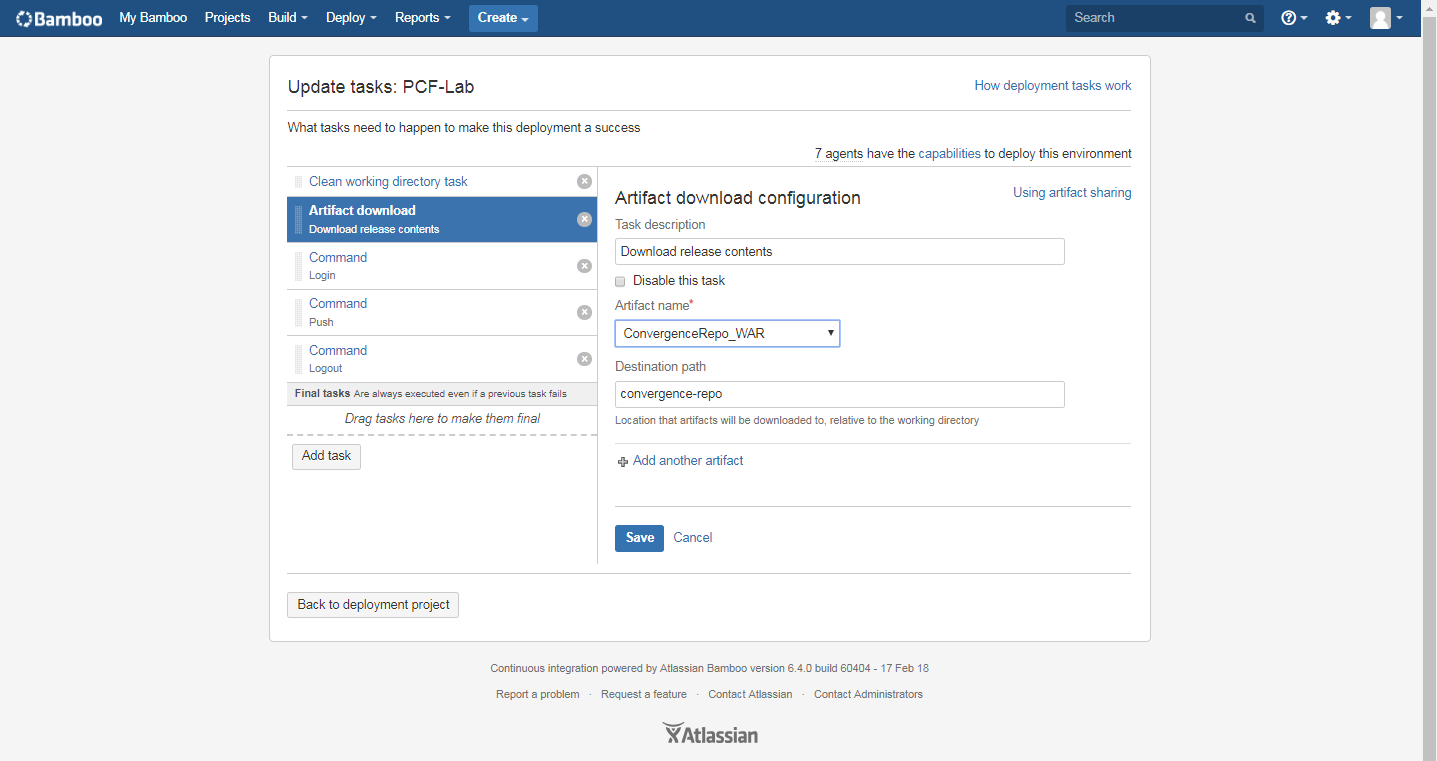






**Task1:**

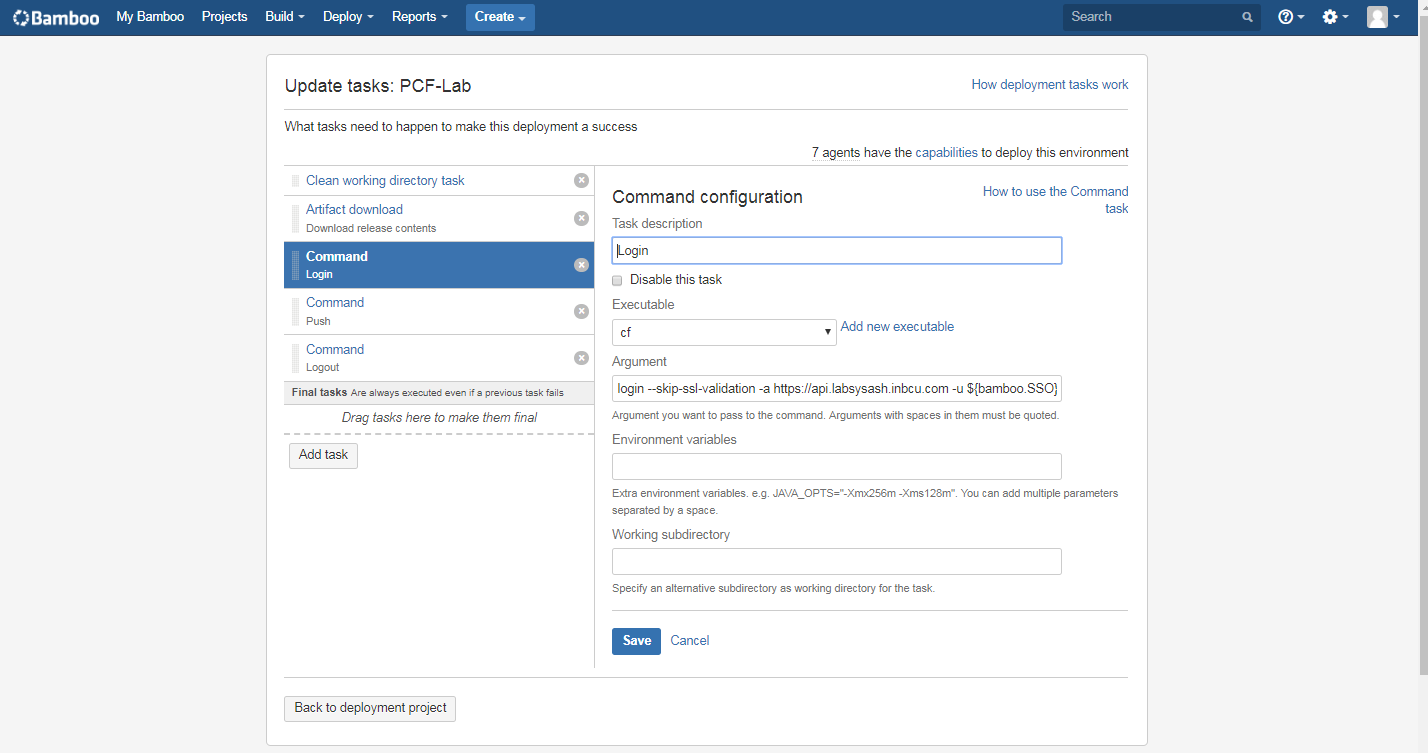
**Downloading the artifact from server.**



**Task 2:**

**Login to PCF**

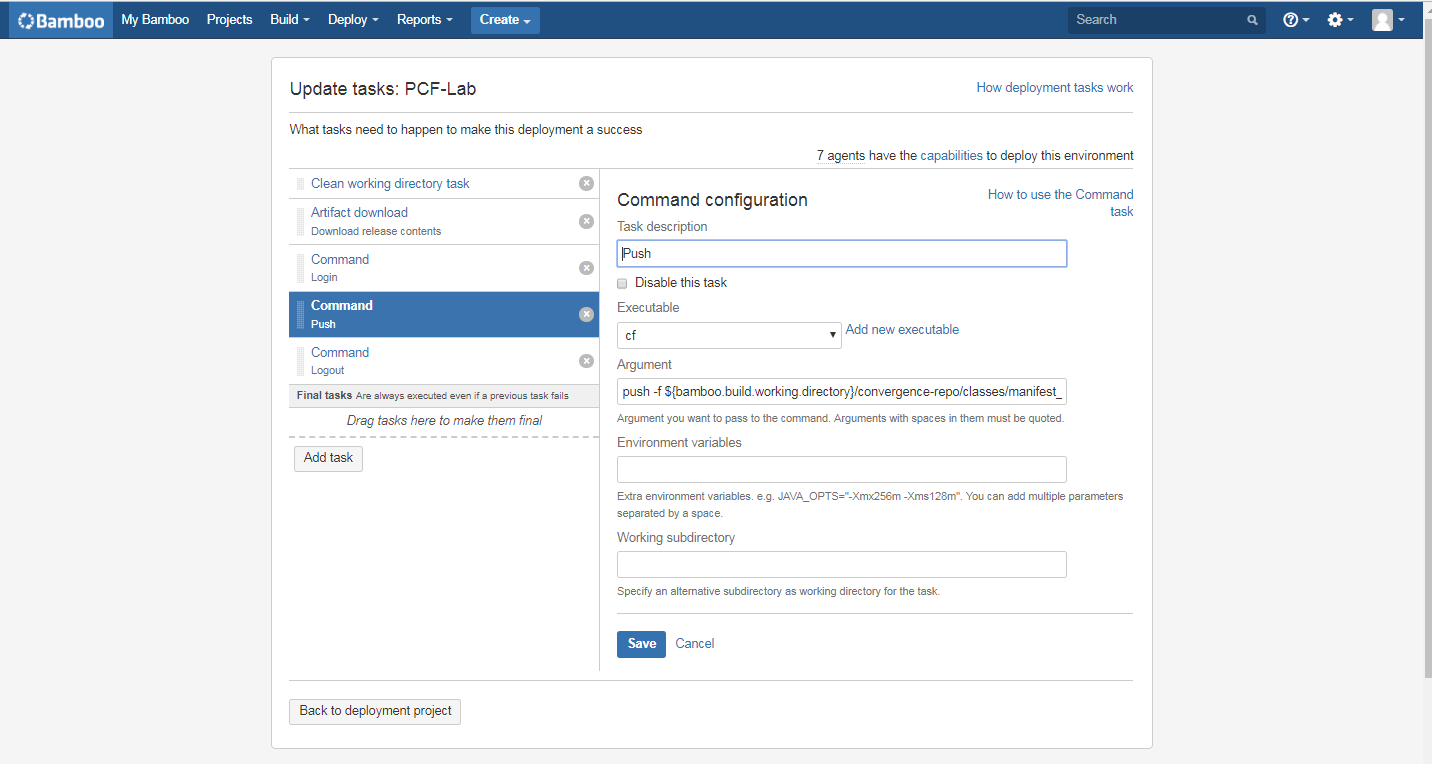
|  |
| --- |
| login --skip-ssl-validation -a https://api.labsysash.inbcu.com -u ${bamboo.SSO} -p ${bamboo.SSO\_PASSWORD} -o POC -s SRA-Linear-Programmatic |



**Task 3:**

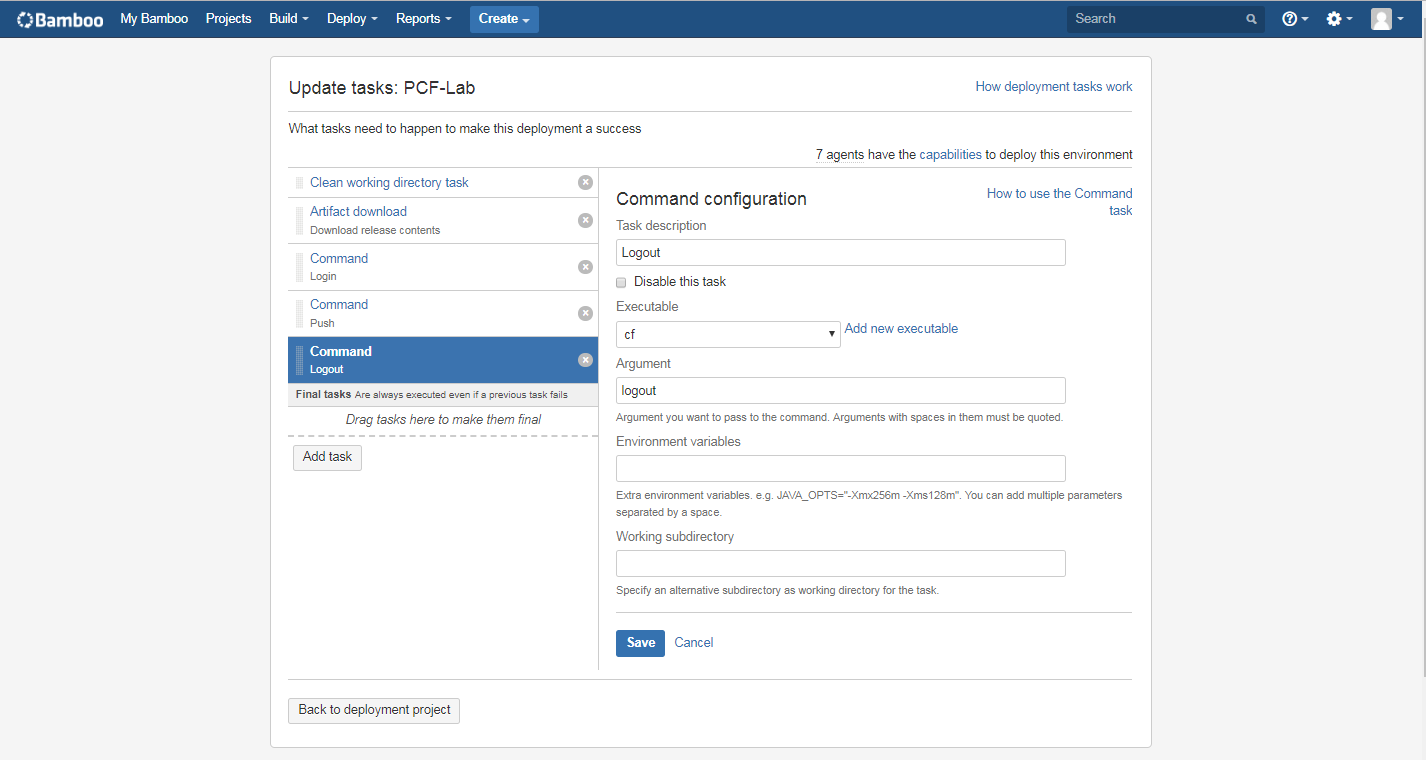
**Pushing into PCF**

|  |
| --- |
| push -f ${bamboo.build.working.directory}/convergence-repo/classes/manifest\_dev.yml |

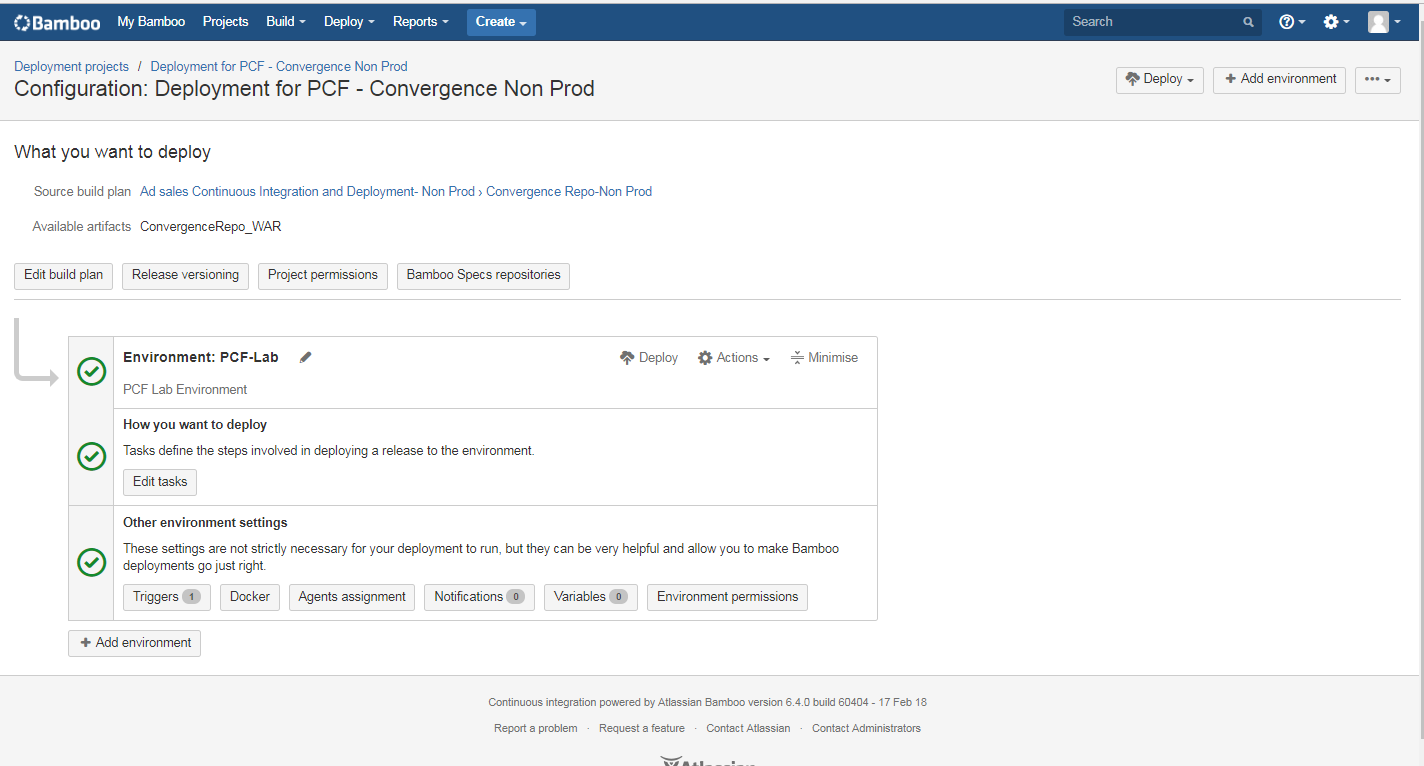


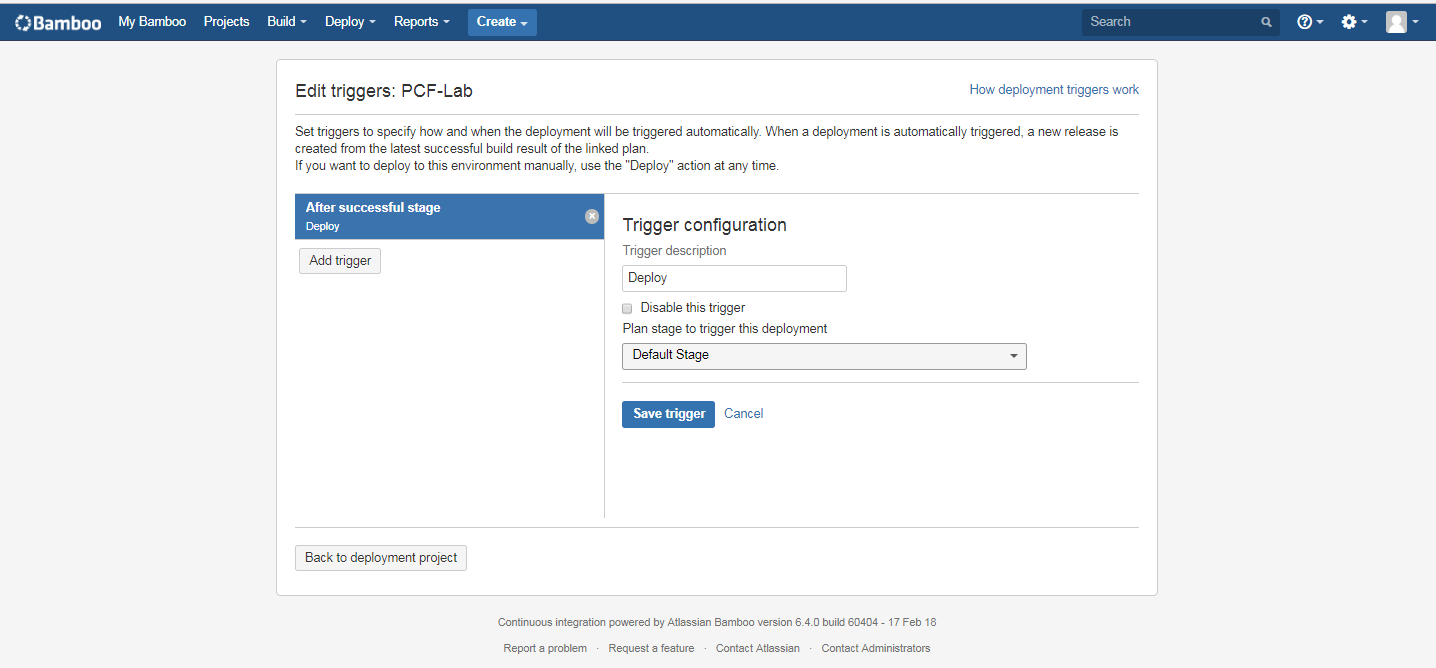
**Task 4:**

**Logout**



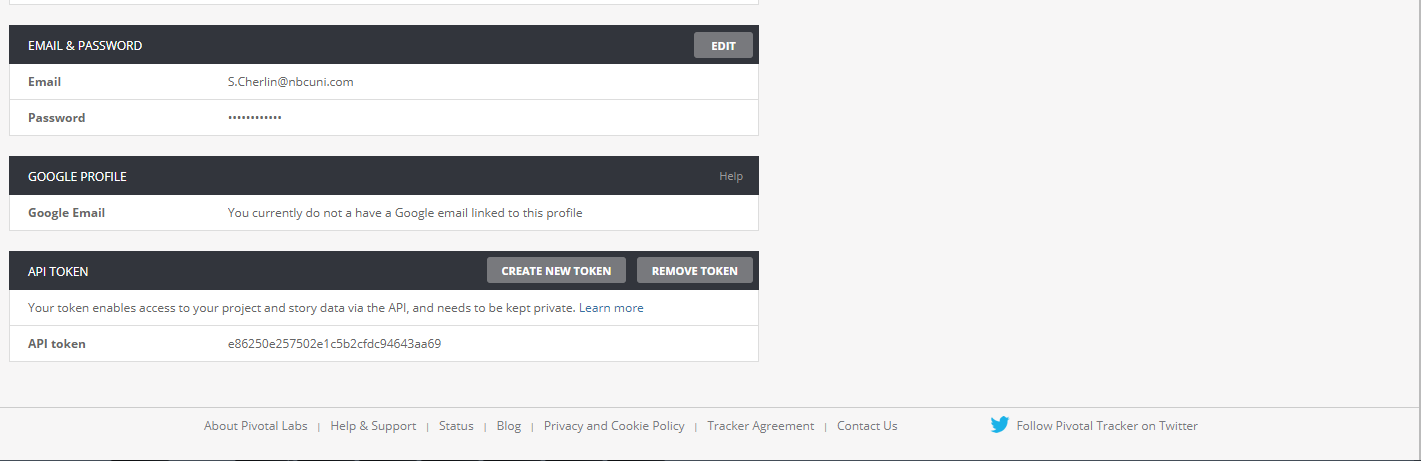
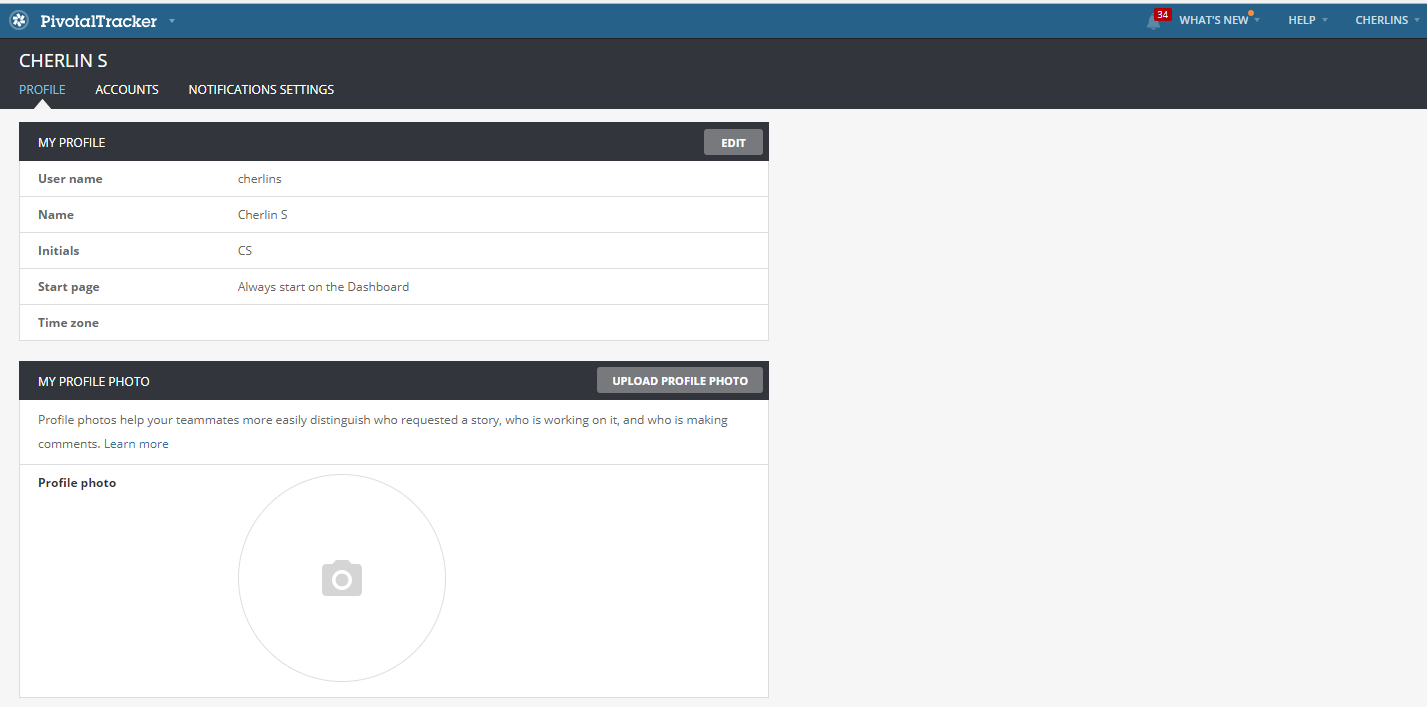
**Adding a trigger**





***Github with Pivotal tracker Integration:***

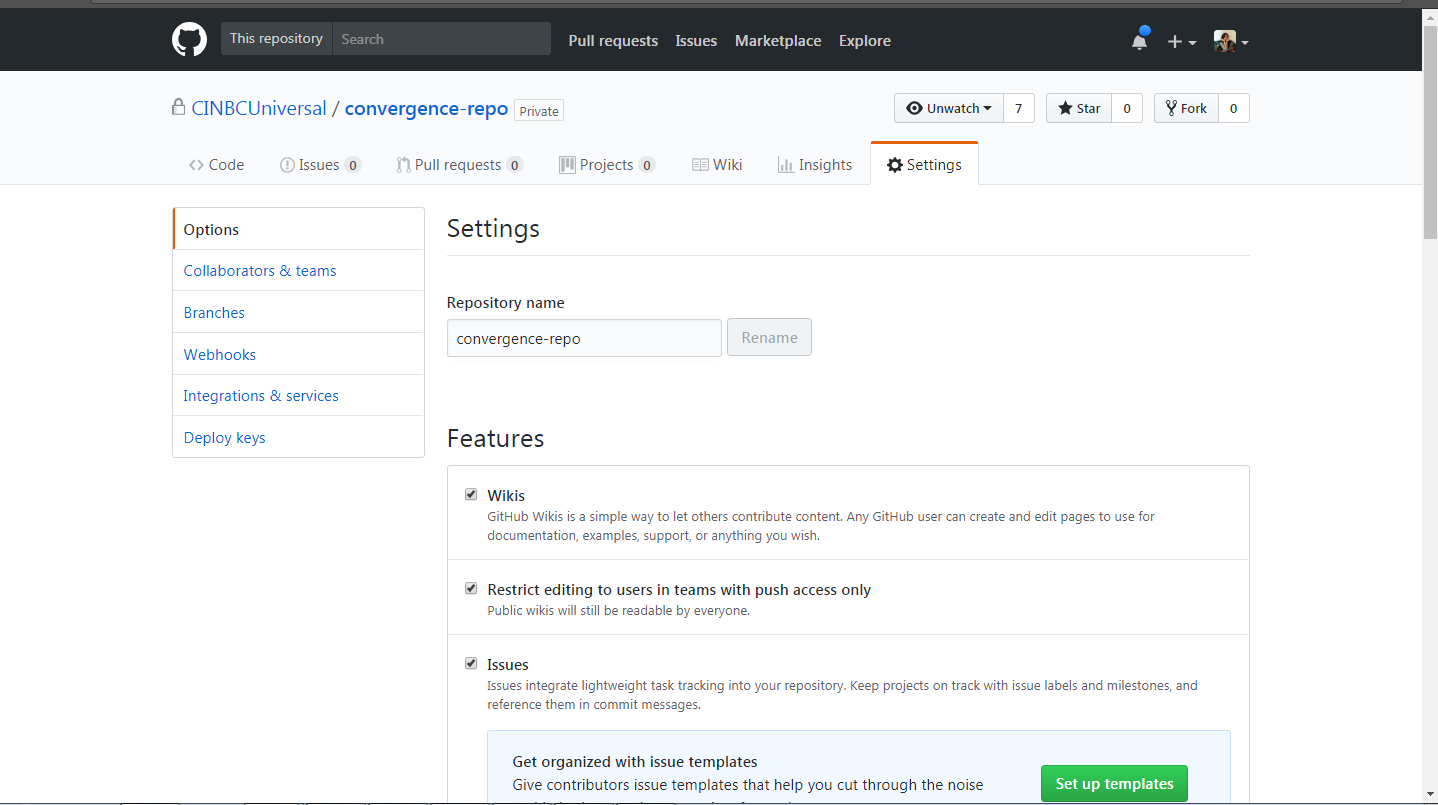
Go to the profile in the pivotal tracker



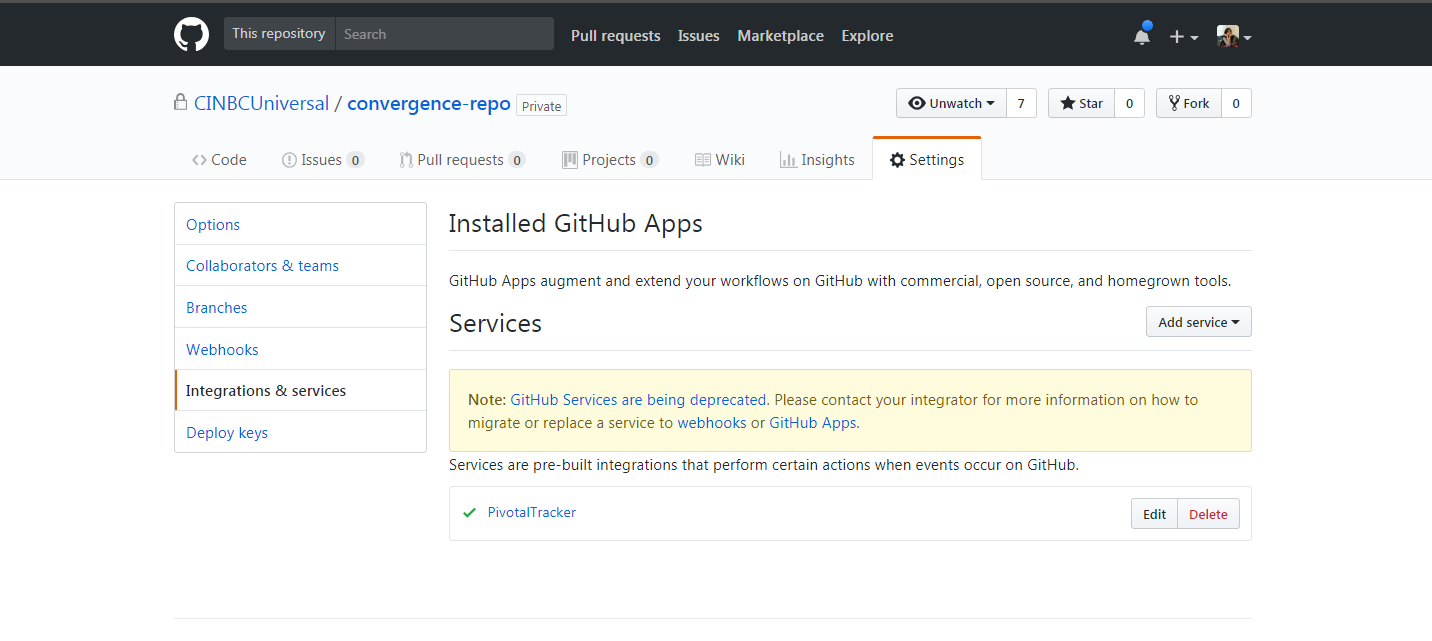
Copy the API token: e86250e257502e1c5b2cfdc94643aa69

Go to the particular repository:

Go to the setting tab:

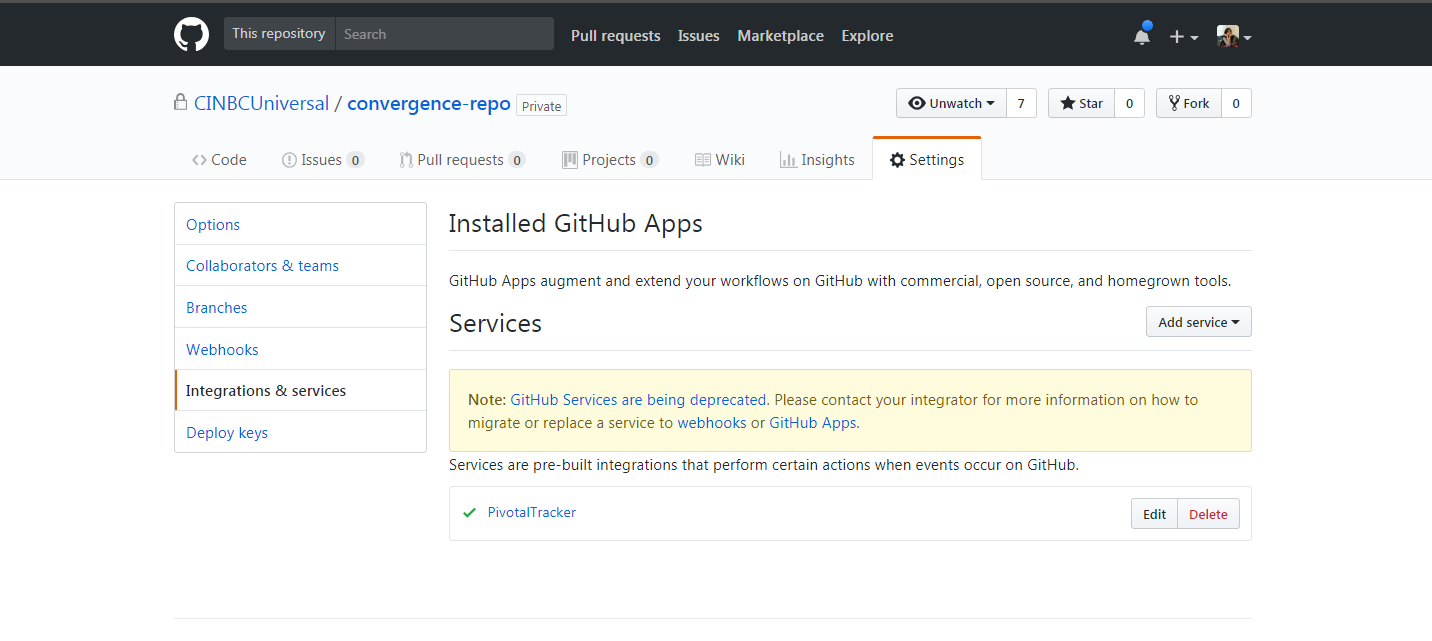


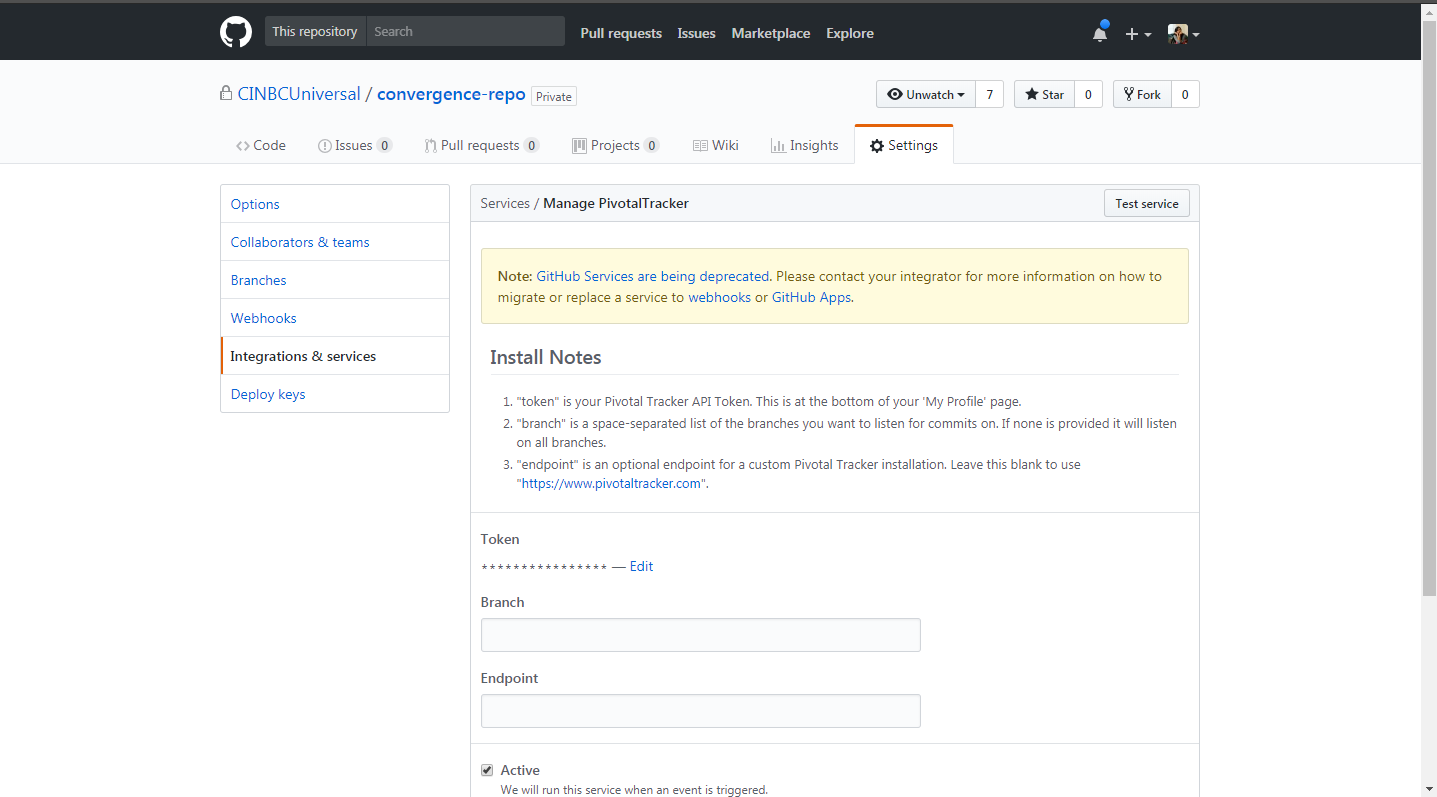
Click on Integration & services:



**Click on add services:**

Select pivotal tracker and provide the API token

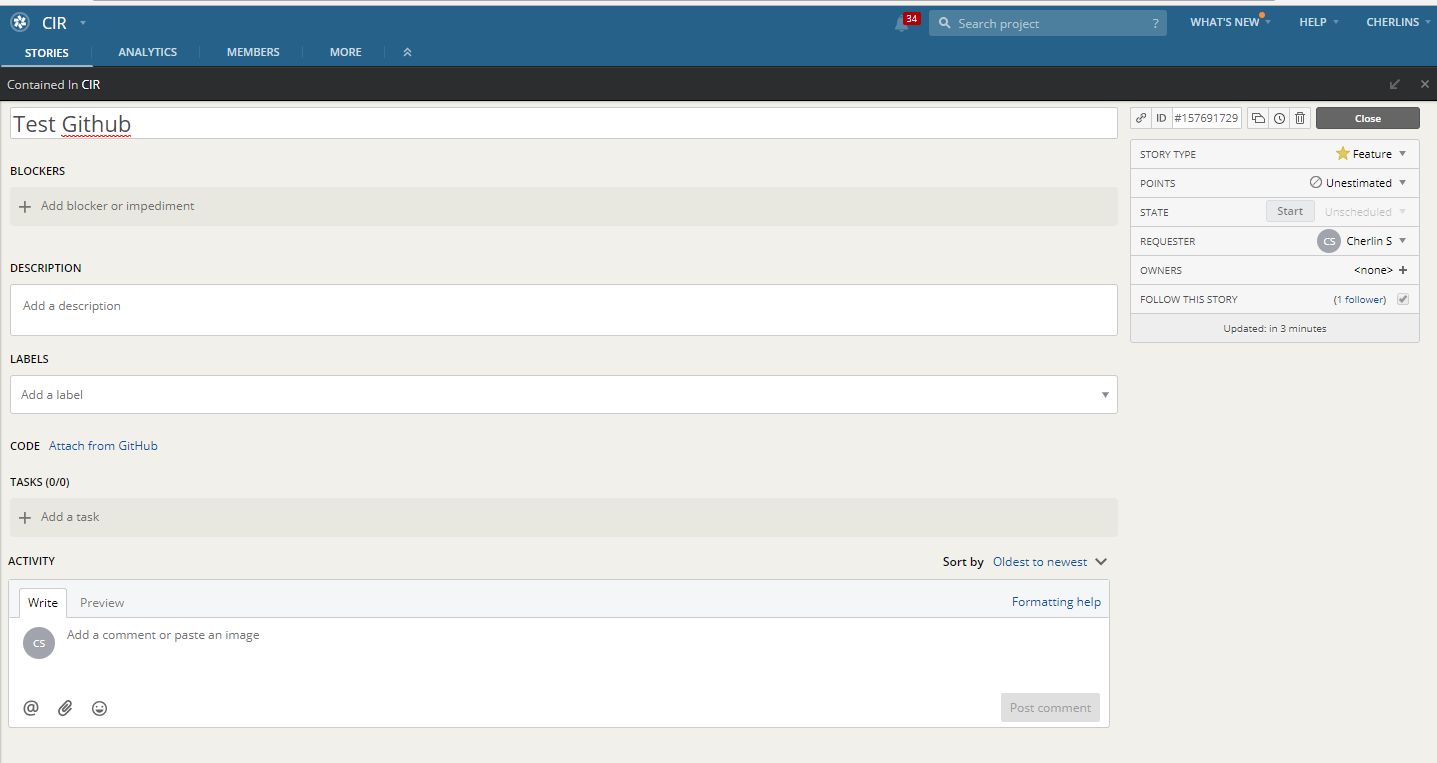




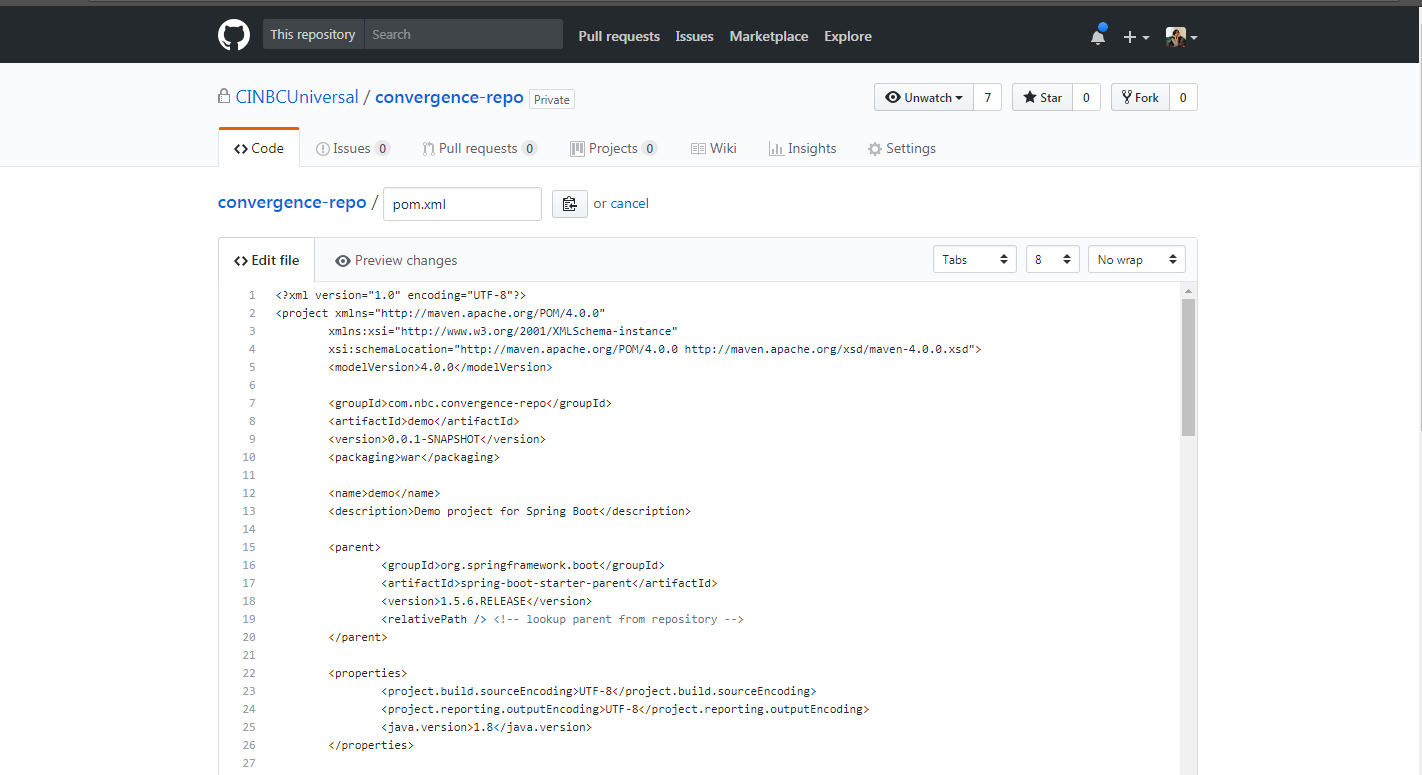
***Testing the CI/CD:***

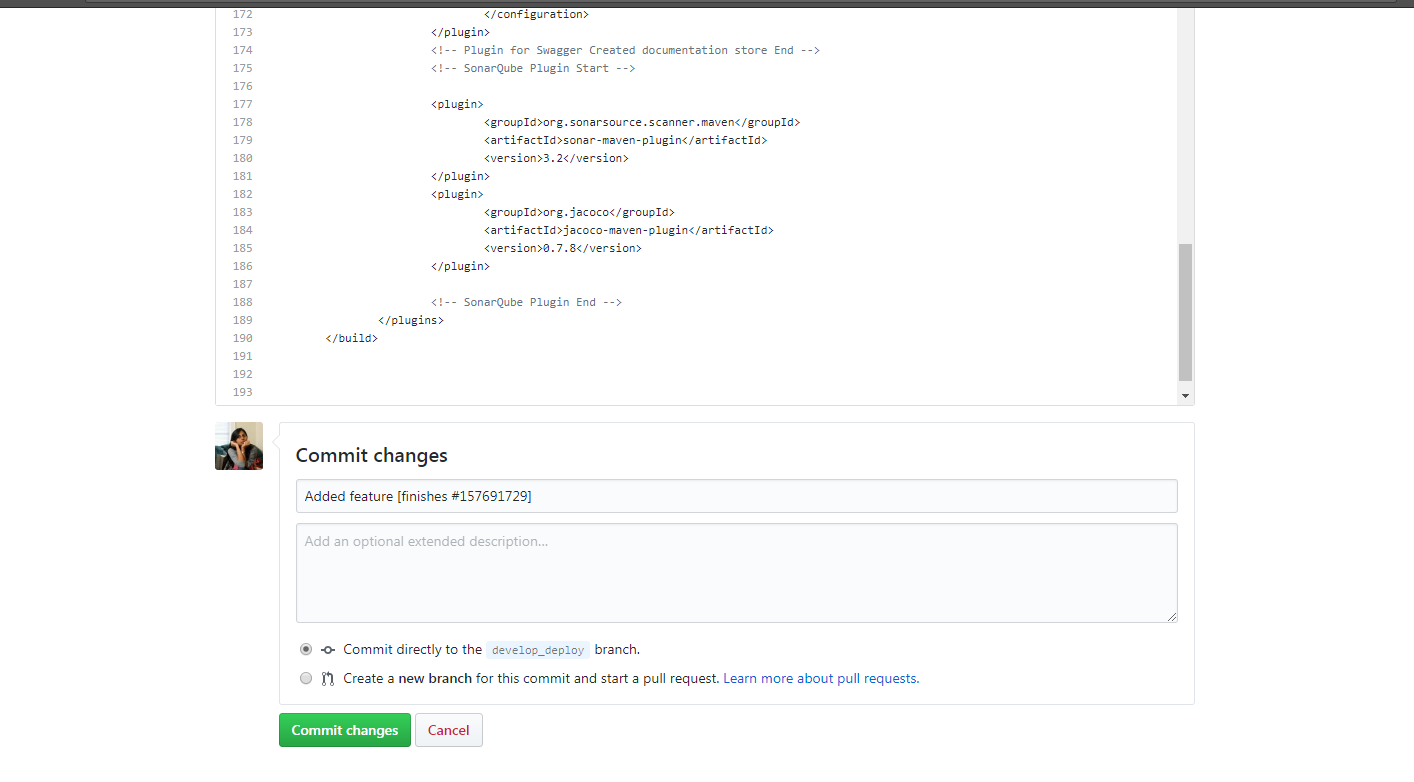
In pivotal tracker ticket is created for any new feature:

Ticket Id: #157691729



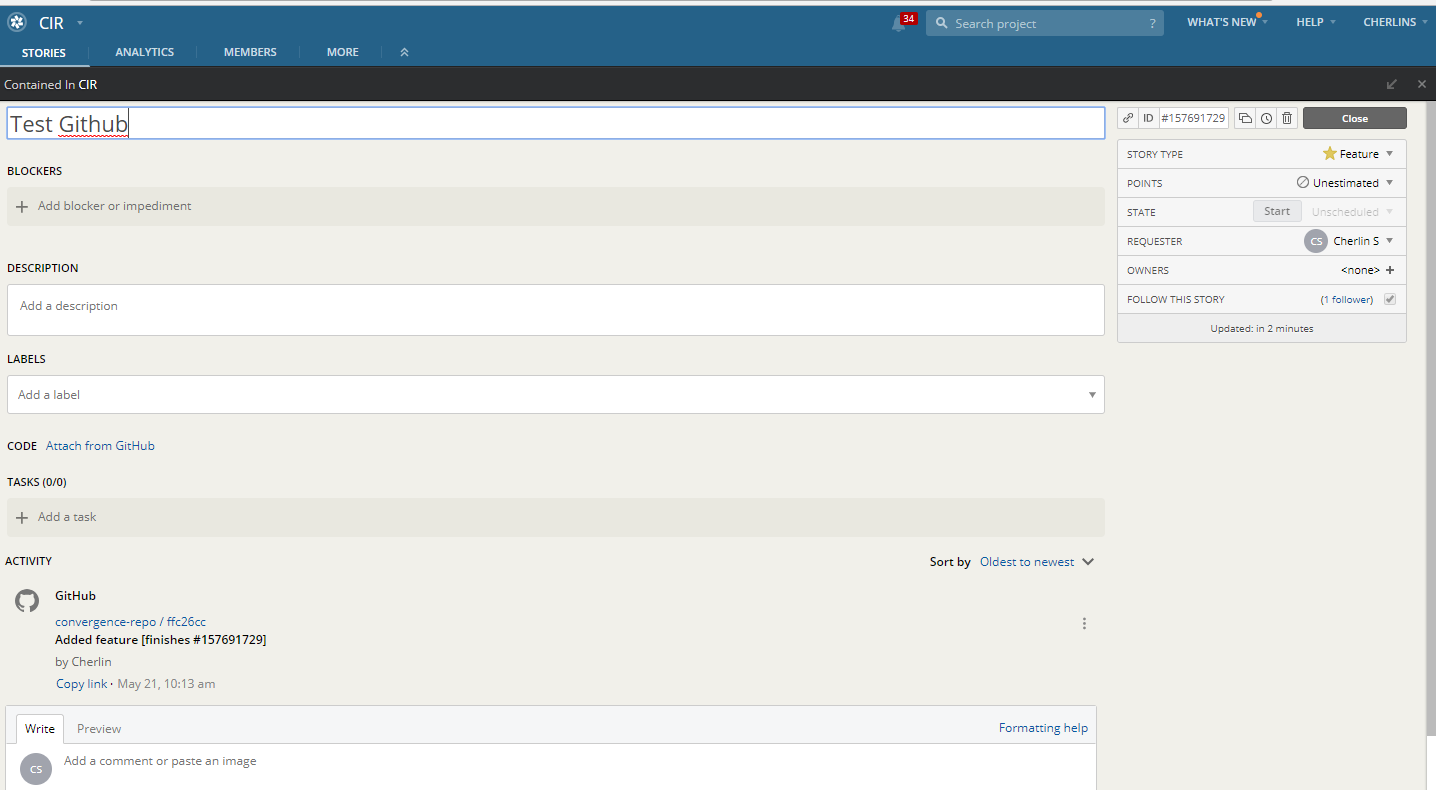
Code changes are completed and committing the code:



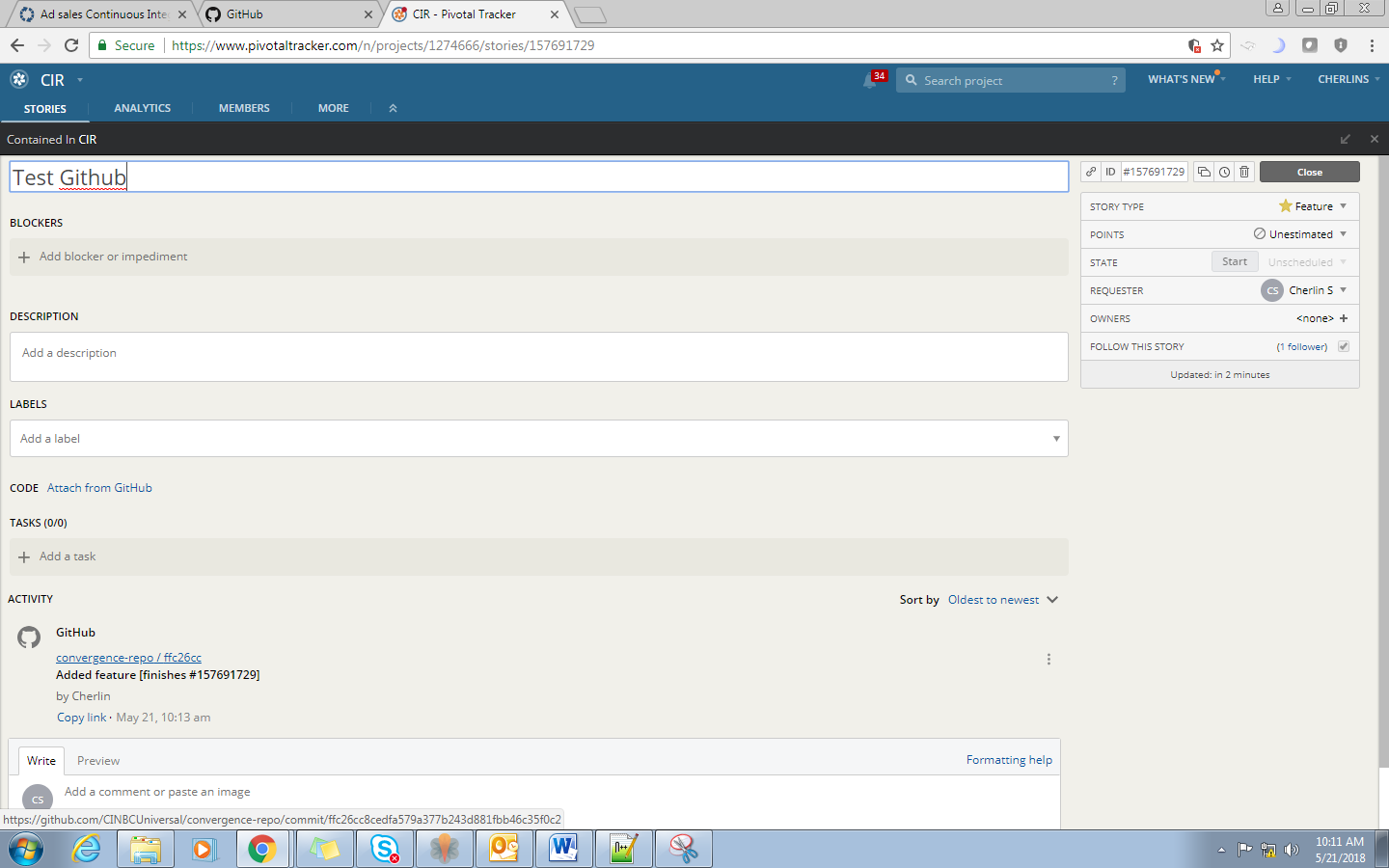


**After commit in the Pivotal Tracker:**

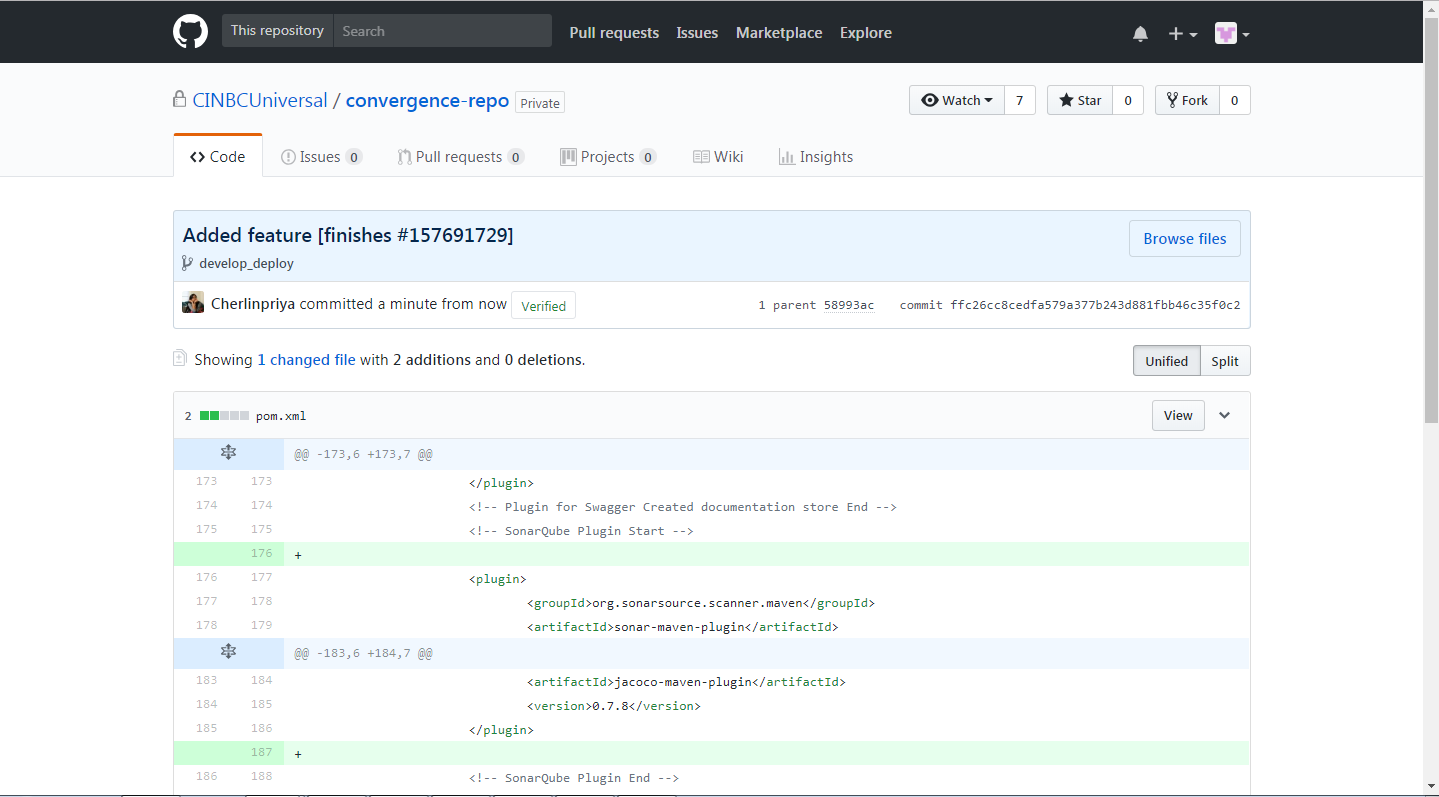
Activity log is updated as shown below



Click on the link:



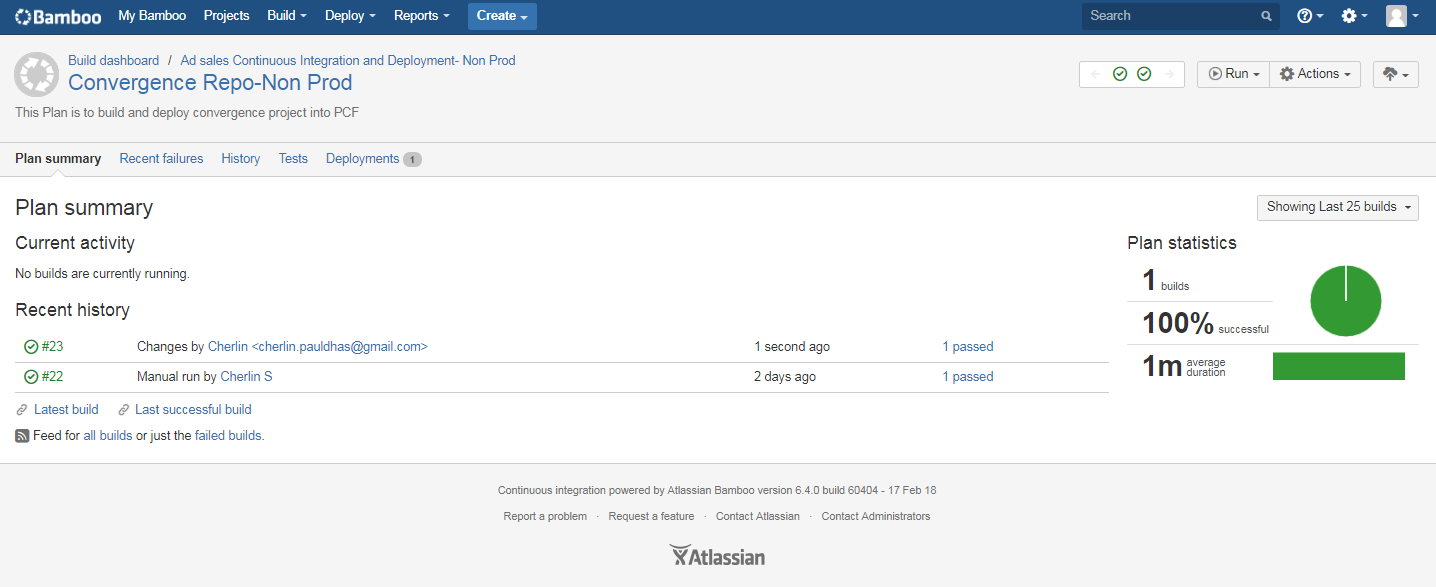
**Modification is shown in the github:**



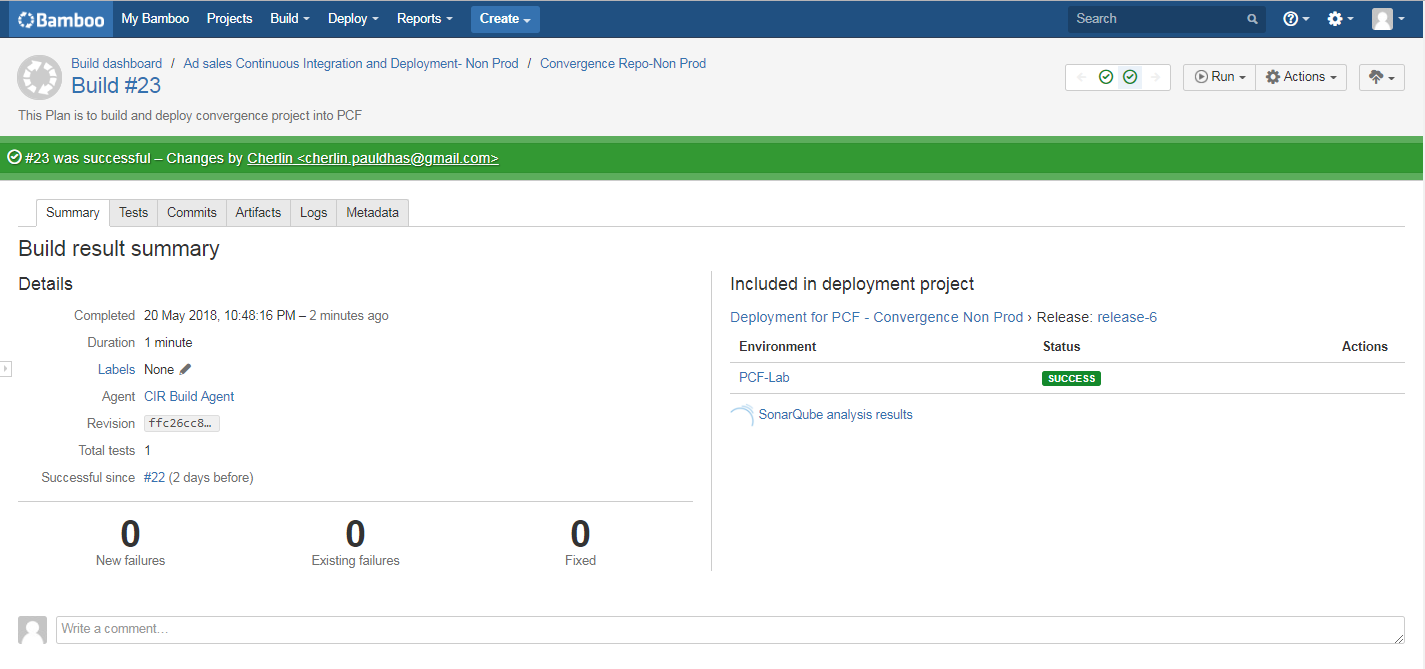
**In Bamboo:**

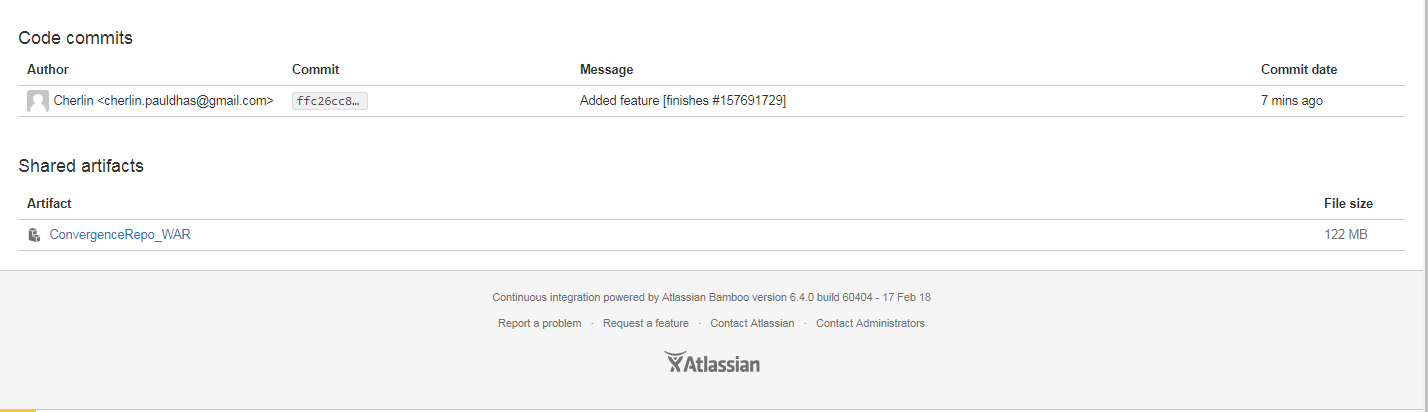
Automatic build and deploy is completed.

Click on the link #23

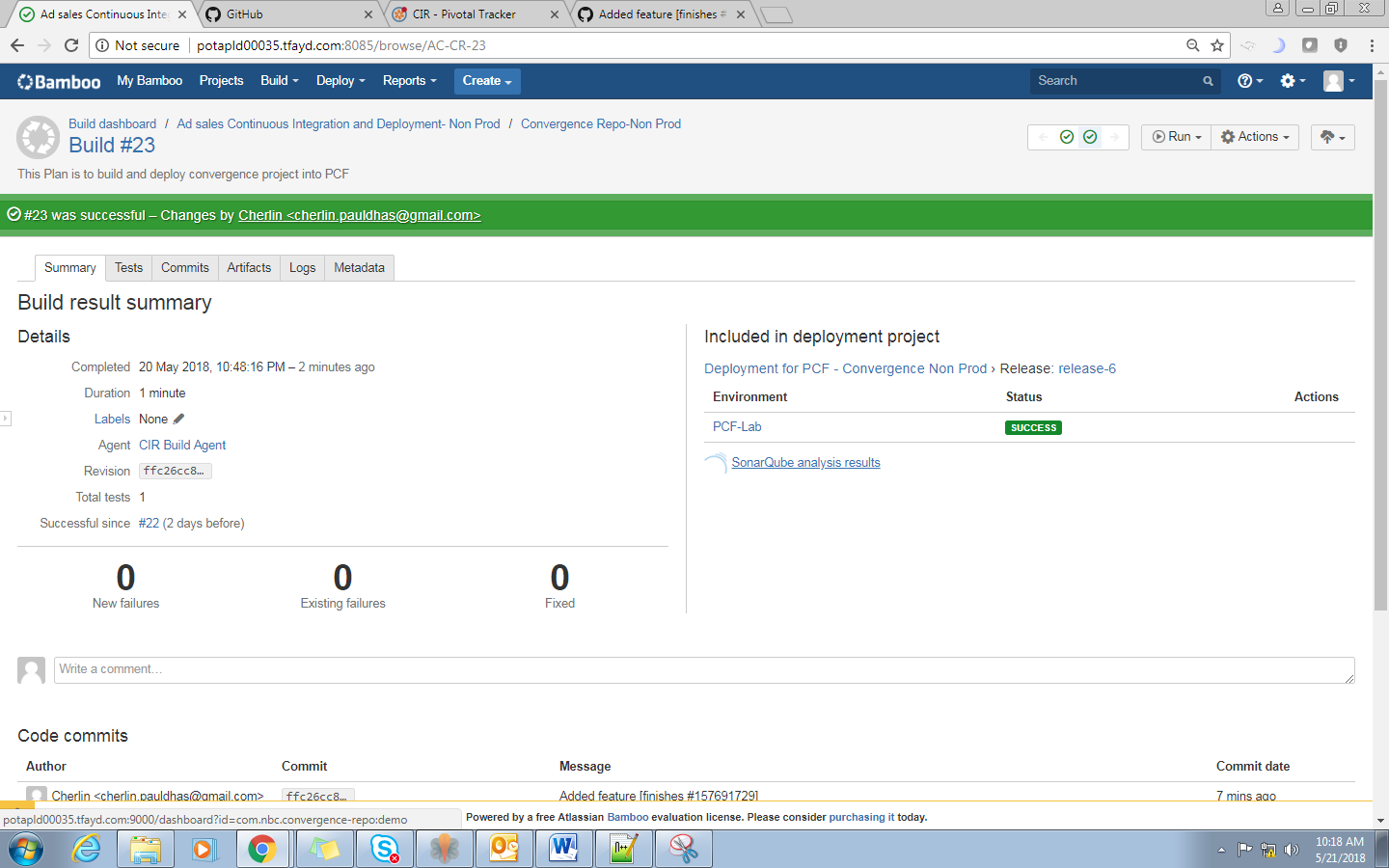


Build Deploy plan status



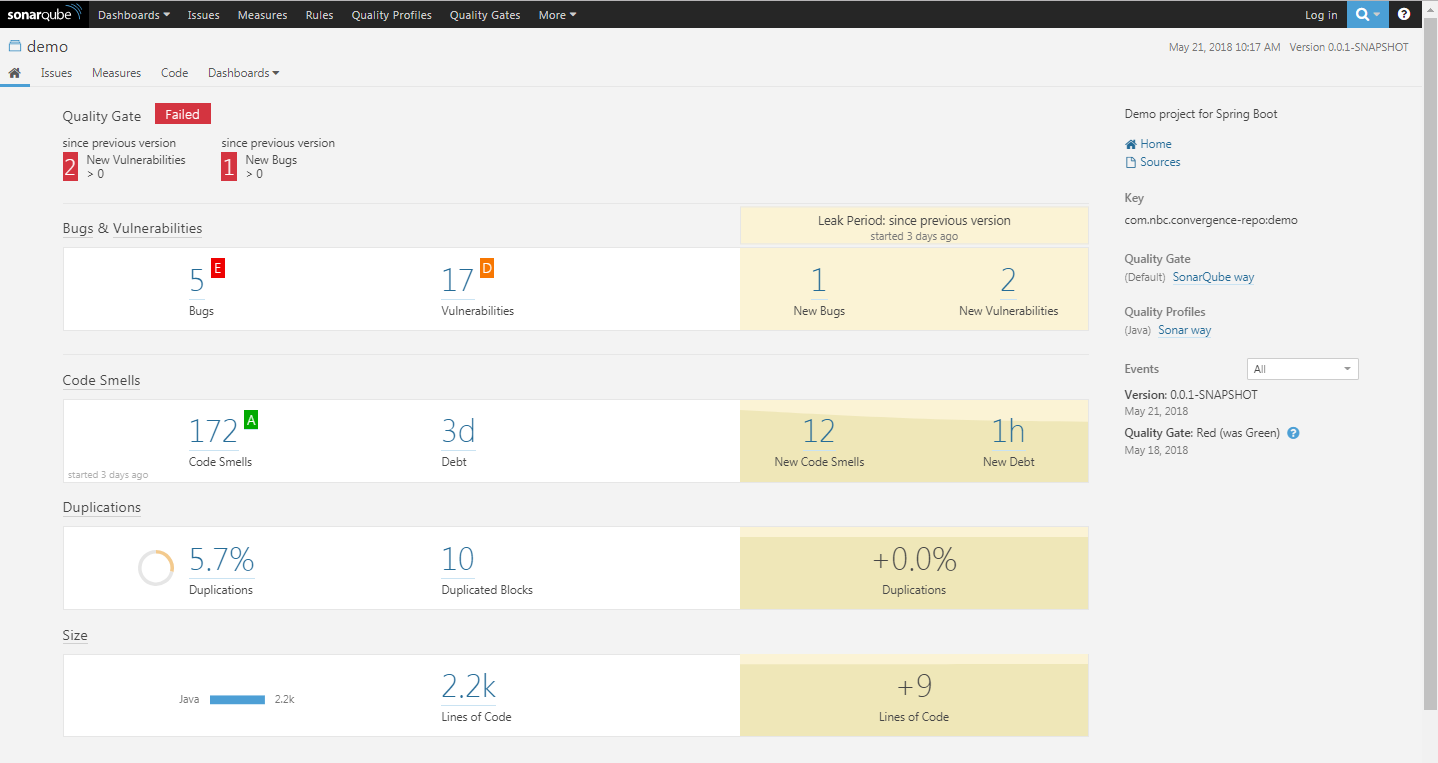


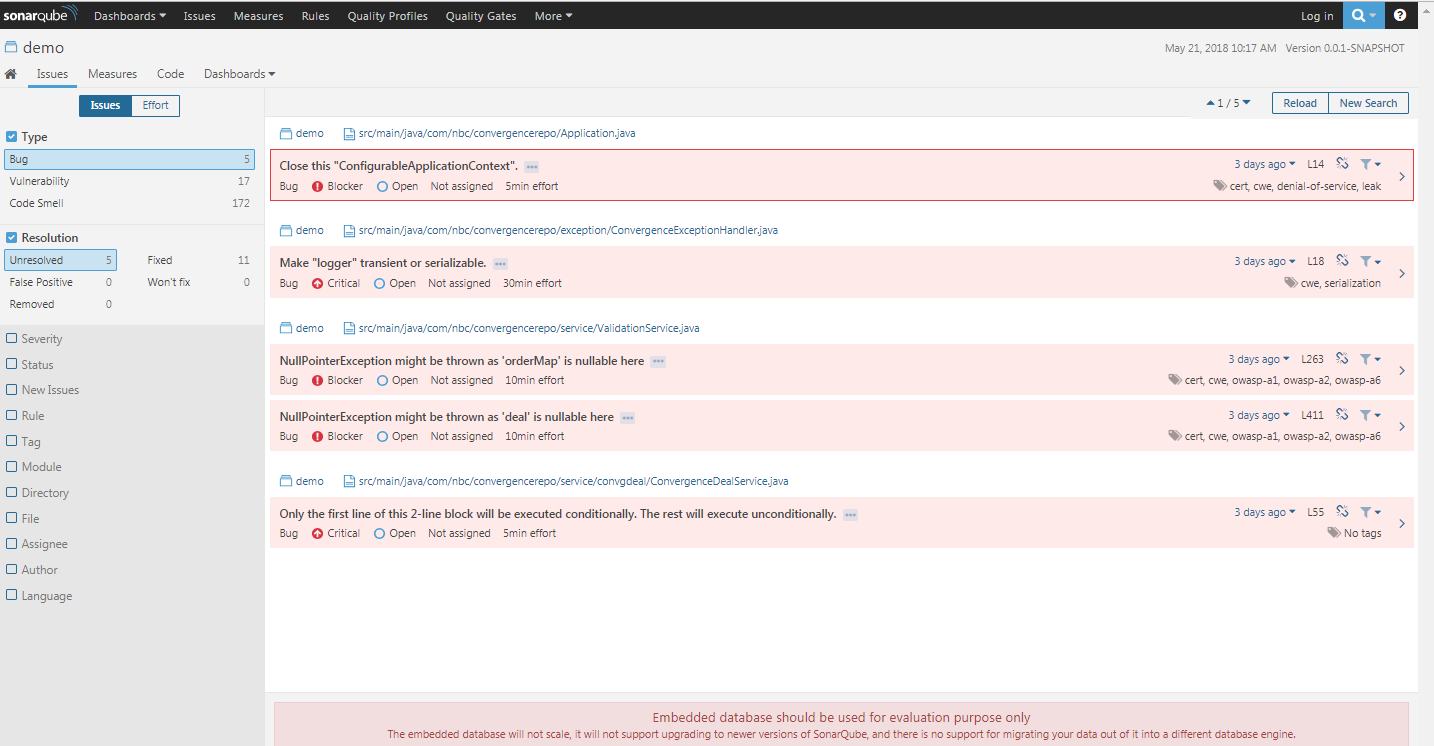
Click on SonarQube analysis result:



Sonar Dashboard:

Its shows the bugs and Vulnerability details etc., in the code





Application automatically Deployed in PCF:

