

“Workshop Automator” - “Step by Step” deployment tool - Installation Guide

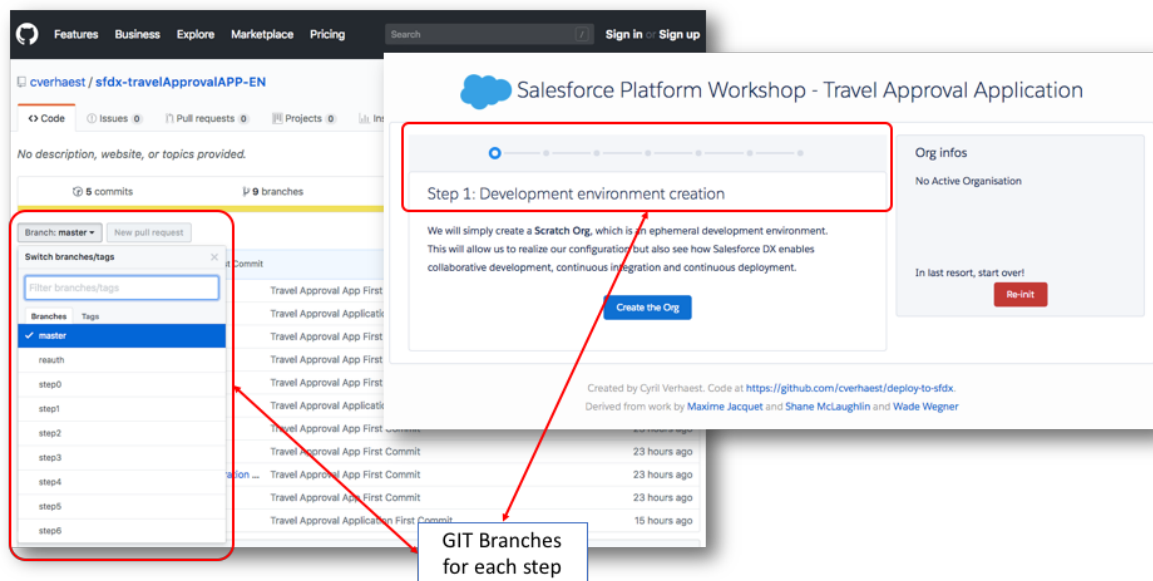
Introduction / Pre-requisites

You have a **sfdx DEV Hub** and a “**Force.com**” app metadata on a **sfdx GIT repository**.
You'd like to let people spin up scratch orgs based on the repo, and have step by step approach to define the metadata, based on **Github branches**.

Step 1 – Prepare your “Salesforce Platform/Force.com” App that should be used by the “Workshop Automator” tool

You can create your own “Force.com App” or clone this “Travel Approval App” GIT repository as an example: <https://github.com/cverhaest/sfdx-travelApprovalAPP-EN.git>

The GIT repository of your “Force.com App” should have **different branches that store metadata that you want to deploy at each steps!** Use the “Travel Approval App” GIT repository as an example.



Step 2 – Deploy the « Workshop Automator » app on Heroku

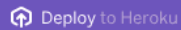
- Go to <https://github.com/cverhaest/deploy-to-sfdx>
- Click on the “**Deploy to Heroku**” button

optional

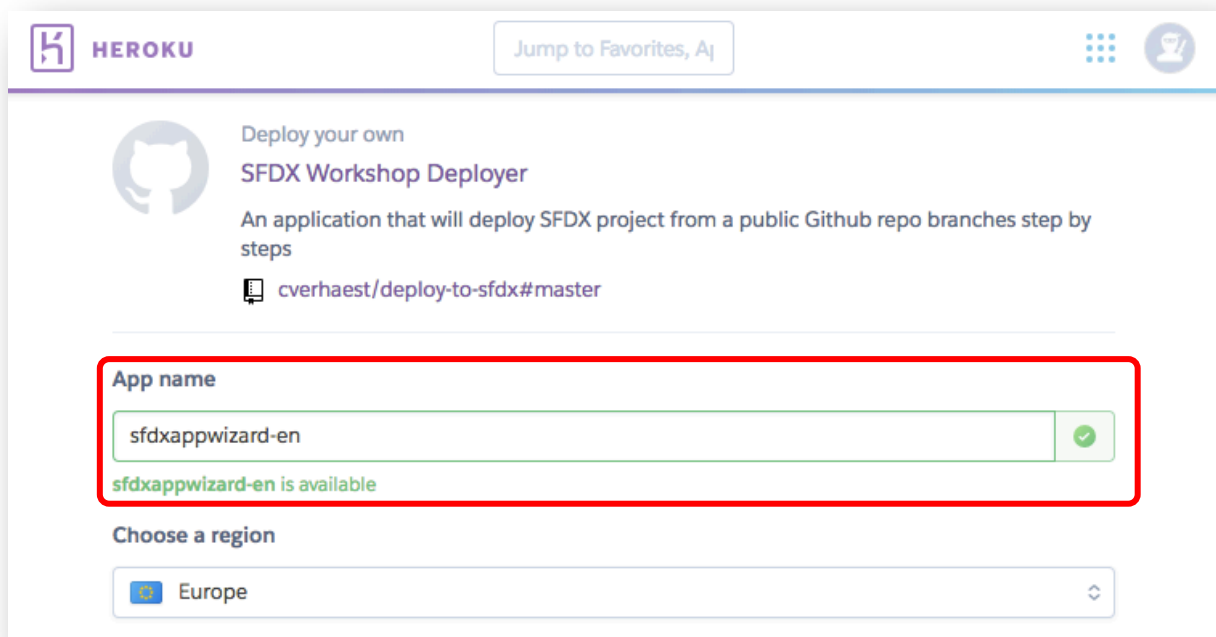
- `UA_ID` for google analytics measurement protocol
- `GITHUB_USERNAME_WHITELIST` lets you whitelist usernames. It's a comma-separated list. Ex: `mshanemc, andrew, bebraw`
- `GITHUB_REPO_WHITELIST` lets you whitelist username/repo combinations. It's a comma-separated list. Ex: `mshanemc/DF17integrationWorkshops, torvalds/linux`

What's whitelisting do? Normally, this app will parse your `orginit.sh` and throw an error if you're doing any funny business. BUT if you're on the whitelist, the app owner trusts you and you can do things with bash metacharacters (think `&&`, `|`, `>`) and execute non-sfdx commands (`grep`, `rm`, whatever!) etc. BE CAREFUL!

Here's a heroku button so you can have your own instance of the Deployer

 Deploy to Heroku

- Give a **name** to your “Heroku” app




The Heroku dashboard shows the 'SFDX Workshop Deployer' app. The 'App name' field is highlighted with a red box and contains 'sfdxappwizard-en', with a green checkmark indicating it is available. Below it, the 'Choose a region' dropdown is set to 'Europe'.

- Fill the “**Config**” variables and then click on the “**Deploy app**” button
 - DXLOGINURL: the “Sfdx Auth Url” of your Salesforce DX DEV Hub environment.



To obtain it, you can run this command line: **sfdx force:org:display --verbose**

```
deployment-to-sfdx - bash - 121x16
cverhaest-ltm3:deployment-to-sfdx cverhaest$ sfdx force:org:display --verbose
=== Org Description
KEY          VALUE
-----
Access Token  VYcr.h7Zj
Alias         [REDACTED]
Client Id     [REDACTED]
Connected Status Id [REDACTED]
Instance Url  [REDACTED]
Sfdx Auth Url force://SalesforceDevelopmentExperience:1384510088508713504:5Aep861k56jbBM_YiFz7dtgXKVK1gVoxq6nojduHeu
bvanUCVH4NKA7BNZ6
Username      [REDACTED]
cverhaest-ltm3:deployment-to-sfdx cverhaest$
```

- GIT_REPOURL: the URL of the Git repository that contains your “Force.com” application


 **HEROKU**


Jump to Favorites, A



Add-ons

These add-ons will be provisioned when the app is deployed.

 CloudAMQP **Little Lemur (Free)**

 Heroku Redis **Hobby Dev (Free)**


Config Vars


DXLOGINURL **Required**
The DX URL to authenticate Dev Hub (use `sfdx force:org:display --verbose` to get it).
`force://SalesforceDevelopmentExperience:1384510088588713504:5Aep861k56jbBM_YiFz7dtgXKVK`

GIT_REPOURL **Required**
The link to the base SFDX project repo (e.g: `https://github.com/mjacquet/gestion-embauche`)
`https://github.com/cverhaest/sfdx-travelApprovalAPP-EN`

Deploy app

Step 3 – Ready to use the App!

 **Salesforce Platform Workshop - Travel Approval Application**



Step 1: Development environment creation

We will simply create a **Scratch Org**, which is an ephemeral development environment. This will allow us to realize our configuration but also see how Salesforce DX enables collaborative development, continuous integration and continuous deployment.

Create the Org

Org infos

No Active Organisation

In last resort, start over!

Re-init

Created by Cyril Verhaest. Code at <https://github.com/cverhaest/deploy-to-sfdx>.
Derived from work by [Maxime Jacquet](#) and [Shane McLaughlin](#) and [Wade Wegner](#)