# "Workshop Automator" - "Step by Step" deployment tool - Installation Guide
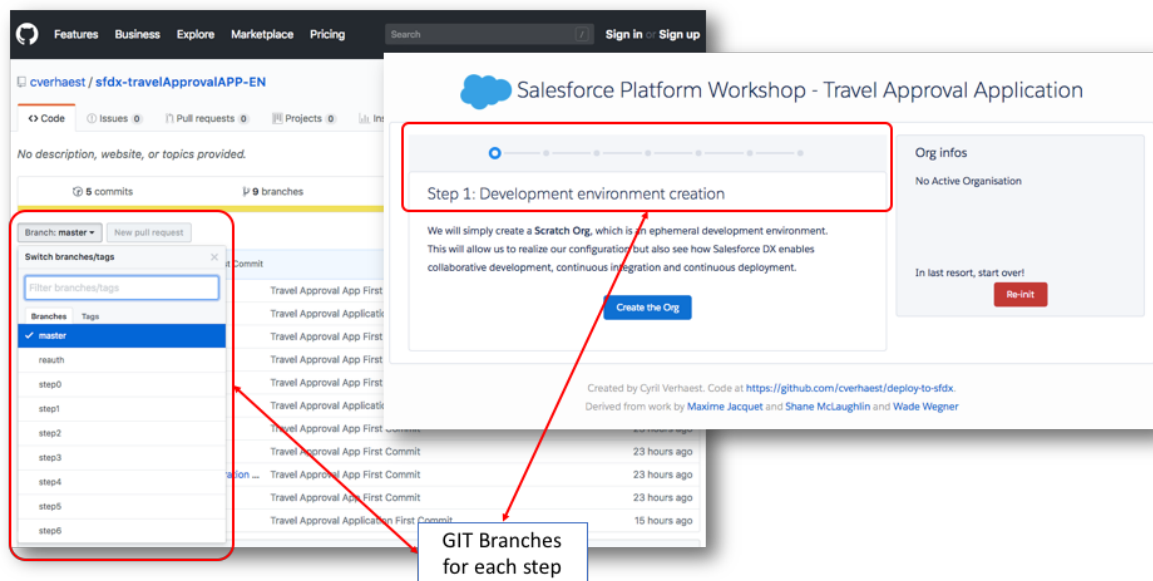
**Introduction / Pre-requisites**

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.



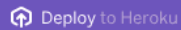**Step 2 – Deploy the « Workshop Automator » app on Heroku**

- Go to https://github.com/cverhaest/deploy-to-sfdx
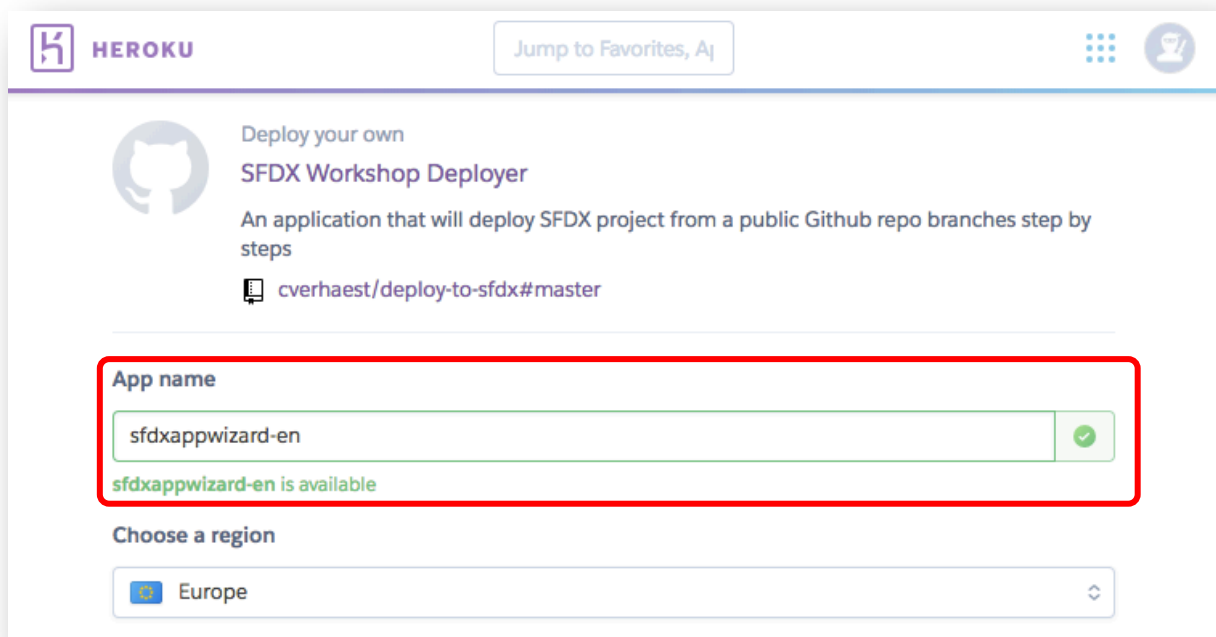- Click on the "**Deploy to Heroku**" button

**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



- 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**

- o GIT_REPOURL: the URL of the Git repository that contains your "Force.com" application



**Step 3 – Ready to use the App!**