MENU ≡



MARCH 7, 2023

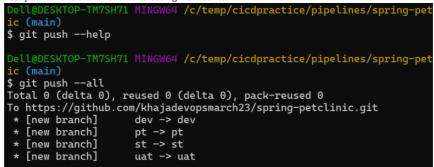
DevOps Classroomnotes 07/Mar/2023

Jenkins Project Types

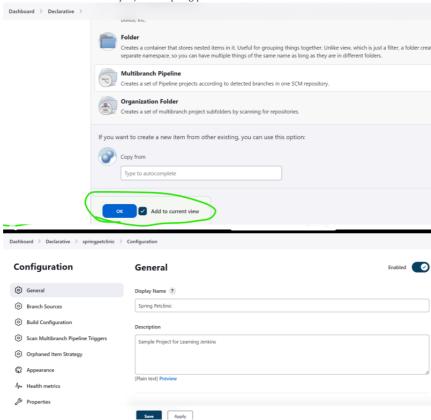
- Free Style
- Pipeline
- Maven Project
- Multi Configuration:
 - For building projects which have different configurations for different environments such as linux, windows, mac etc
- Multi branch:
 - This is used for project where we have different branches and each branch has different
 pipeline.

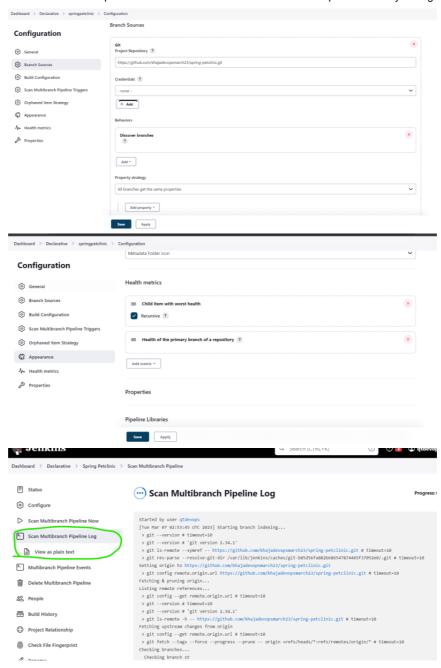
Multi Branch Demo

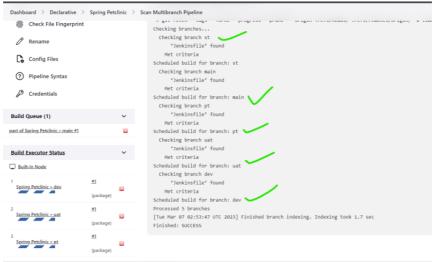
Lets push all the branches after creating 4 branches

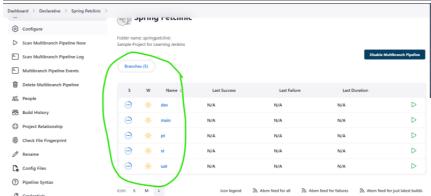


Create a new multi branch project for spring petclinic

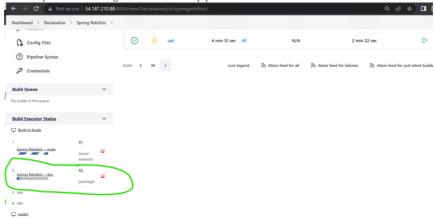








We have pushed the changes to multibranch pipeline



- •
- Every language has some extra folders generated which might not be required in the git repository.
- For the git to ignore these we create a .gitignore and add the patterns to exclude from git
- Refer Here for online generator
- Terraform generates some additional folders like .terraform which needs to be ignored, lets view
 at .gitignore of terraform

```
# are not checked in
override.tf
override.tf.json
*_override.tf
*_override.tf.json

#_Include override files you do wish to add to version control using negated pattern
#_lexample_override.tf

#_Include tfplan files to ignore the plan output of command: terraform plan -out=tfplan
#_example: *tfplan*

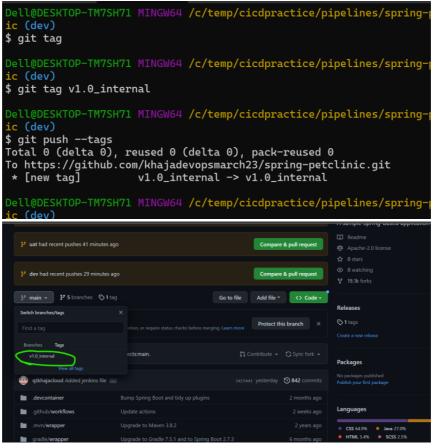
#_Ignore CLI configuration files
.terraformrc
terraform.rc

#_End of https://www.toptal.com/developers/gitignore/api/terraform
```

Git Tags

• Branch and Tags are reference objects in Git

- Branch points to a commit which changes (generally points to latest commit). Git Tag points to a
 commit which represents something to be recorded (beta release, customer release)
- Tags are widely used to represent releases
- · Lets create and push tag



• Refer Here to know more on tags

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