Gitlab Configuration Details

Version 1.18-SNAPSHOT

2018-08-22

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Table 1. History

Date	Author	Detail
2018-08-22	NeVraX	Deploy asciidoc to gitlab pages
2018-08-22	NeVraX	HTML Asciidoc to Github

1. Server configuration

Connect to Gitlab homepage.

1.1. Merge Requests workflow

Initialize the change

- Go to **Issues** → **New issue**
- Set information and create
- Click **Create merge request**
- In Eclipse, right click on your repo → **Pull**
  - The branch should appear under **Branches** → **Remote Tracking**
- Update the files…
- Commit
- Right click on local/master → Push Branch…
  - Toggle
    - ☐ Configure Pull
    - ☐ Force
  - Next → Finish

On each new dev iteration

- Commit with amend, ignore the warning
- Right click on local/master → Push Branch…
- Toggle
  - ☐ Configure Pull
  - ☑ Force
- Next → Finish

Merge in Gitlab

Browse the Merge Request in Gitlab

☑ Remove source branch

Remove the Remote branch in your git repo → Branches → Remote Tracking

Right click on your repo → **Pull**

- If you get an error, you have obviously configure Pull for the dead branch, so use **Pull…** instead and select **master** branch

1.2. Pipeline creation

```
image: maven:latest

stages:
  - build
  - test
  - deploy

variables:
  #MAVEN_CLI_OPTS: "-s cg-settings.xml --batch-mode"
  MAVEN_CLI_OPTS: "--batch-mode"
  MAVEN_OPTS: "-Dmaven.repo.local=.m2/repository"

cache:
  paths:
    - .m2/repository/

build:
  stage: build
  script:
    - apt-get update -qq && apt-get install -qq --assume-yes libc6-i386
    - mvn clean dependency:purge-local-repository
    - mvn install -DskipTests -Dassembly.skipAssembly=true


# the pipeline step must be named 'pages' for gitlab to deploy locally (in addition to github)
pages:
  stage: build
  script:
    #- ./src/scripts/asciidocOnlyModified.sh
    - ./src/scripts/asciidocHistory.sh .
    - apt-get update -qq && apt-get install -qq --assume-yes graphviz
    - git config --global user.email "gitlab@noreply.com"
    - git config --global user.name "GitLab"
    - mvn generate-resources -Ddoc.skip=false --non-recursive
    - cp src/docs/asciidoc/*.adoc target/generated-docs/
    - cp -R src/docs/asciidoc/subdocs target/generated-docs/
    - mvn scm-publish:publish-scm
    - mkdir public
    - mv target/generated-docs/* public/
  artifacts:
    paths:
      - public
  #only:
  #  - master


unit-test:
  stage: test
  script:
    - mvn clean
    - mvn test -Dcheckstyle.skip=true -pl cg-utils

integration-test:
  stage: test
  script:
    - mvn clean
    - mvn verify failsafe:verify -Dcg.ut.skip=true -Dcheckstyle.skip=true -pl cg-utils

assembly:
  stage: deploy
  script:
    - mvn clean
    - mvn install -DskipTests -Dcheckstyle.skip=true -pl cg-utils
  #only:
  #  - master
```

2. Appendix

2.1. Revision marks

Differences since last tag