Practical Solutions

Solution 1 - Setting up github.

Task 3 Solution

Source Code Management

○ None
● Git

Repositories

Repository URL: https://github.com/SDiserens/Continuous-Integration-Lab.git

⊘ Failed to connect to repository : Command "git ls-remote -h https://github.com/SDiserens/Continuous-Integration-Lab.git HEAD" returned status code 128:
stdout:
stderr: fatal: unable to access 'https://github.com/SDiserens/Continuous-Integration-Lab.git/': Could not resolve host: github.com

Credentials: - none - ⊕ Add▾

Advanced...

Add Repository

Branches to build

Branch Specifier (blank for 'any') */master

Add Branch

Repository browser: (Auto)

Additional Behaviours: Add ▾
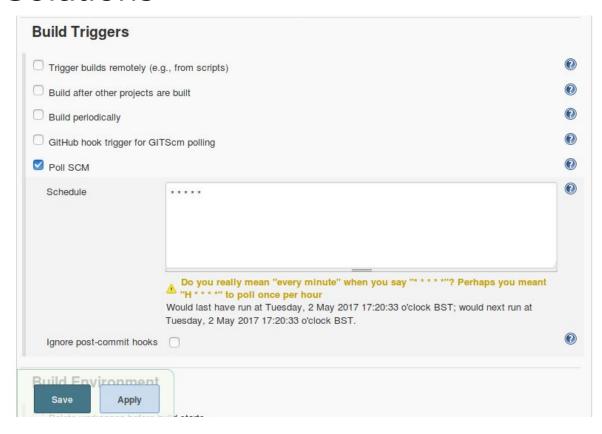
```
14:51:04 Started by user anonymous
14:51:04 Building on master in workspace /var/lib/jenkins/workspace/Finite_Element
14:51:04 [WS-CLEANUP] Deleting project workspace...
14:51:04 Cloning the remote Git repository
14:51:04 Cloning repository https://github.com/SDiserens/Continuous-Integration-Lab.git
14:51:04  > git init /var/lib/jenkins/workspace/Finite_Element # timeout=10
14:51:04 Fetching upstream changes from https://github.com/SDiserens/Continuous-Integration-Lab.git
14:51:04  > git --version # timeout=10
14:51:04  > git fetch --tags --progress https://github.com/SDiserens/Continuous-Integration-Lab.git +refs/heads/*:refs/remotes/origin/*
14:51:05  > git config remote.origin.url https://github.com/SDiserens/Continuous-Integration-Lab.git # timeout=10
14:51:05  > git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
14:51:05  > git config remote.origin.url https://github.com/SDiserens/Continuous-Integration-Lab.git # timeout=10
14:51:05 Fetching upstream changes from https://github.com/SDiserens/Continuous-Integration-Lab.git
14:51:05  > git fetch --tags --progress https://github.com/SDiserens/Continuous-Integration-Lab.git +refs/heads/*:refs/remotes/origin/*
14:51:06  > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
14:51:06  > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
14:51:06 Checking out Revision 5aa6073a0f9170d8025418087395c59d3bd942b6 (refs/remotes/origin/master)
14:51:06  > git config core.sparsecheckout # timeout=10
14:51:06  > git checkout -f 5aa6073a0f9170d8025418087395c59d3bd942b6
14:51:06  > git rev-list 5aa6073a0f9170d8025418087395c59d3bd942b6 # timeout=10
14:51:06 [Finite_Element] $ /bin/sh -xe /tmp/hudson9012013110477865352.sh
```

Task 4 - Solutions

Build

Execute shell

Command
```
echo -------------- Starting user defined build section ------------
pwd
python FiniteElements.py
```

See the list of available environment variables

Advanced...

Task 5 - Solutions

Task 6 Solutions

Poll SCM

Schedule

```
H/15 * * * *
```

Would last have run at Monday, 24 April 2017 20:56:27 o'clock BST; would next run at Monday, 24 April 2017 21:11:27 o'clock BST.

Task 7 - Solution

Post-build Actions

Publish JUnit test result report   X

Test report XMLs   `**/test-reports/*.xml`

Fileset 'includes' setting that specifies the generated raw XML report files, such as 'myproject/target/test-reports/*.xml'. Basedir of the fileset is the workspace root.

☐ Retain long standard output/error

Health report amplification factor   `1`

1% failing tests scores as 99% health. 5% failing tests scores as 95% health

Allow empty results   ☐ Do not fail the build on empty test results

Add post-build action ▾