Jenkins project

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It is a Jenkins pipeline project which pulls a Jenkins job from a GitHub repository. The Jenkins job describes deployment of a Docker container with Nginx pre-installed, copies index.html + Nginx config files into the created container and restarts Ngninx configuration. It results in one click deployment of an Nginx web server based on a Docker container as GitHub as source.

GitHub repository:
https://github.com/btngithub/jenkins_job

Jenkins file:
JenkinsFile2.txt

Jenkins job:

Configure

⚙ General

🔧 Advanced Project Options

🔀 Pipeline

Build Triggers

☐ Build after other projects are built ?

☐ Build periodically ?

☑ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

☐ Quiet period ?

☐ Trigger builds remotely (e.g., from scripts) ?

Pipeline

Definition

Pipeline script from SCM ⌄

SCM ?

Git ⌄ ?

Repositories ?

Repository URL ? ✕

git@github.com:btngithub/jenkins_job.git

Credentials ?

btngithub (git) ⌄

＋ Add

Advanced...

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ? ✕

*/master

Script Path ?

JenkinsFile2.txt

☑ Lightweight checkout ?

Pipeline Syntax

Jenkins file configuration (JenkinsFile2.txt) on the GitHub repository:

master ▾   jenkins_job / JenkinsFile2.txt

btngithub Update JenkinsFile2.txt

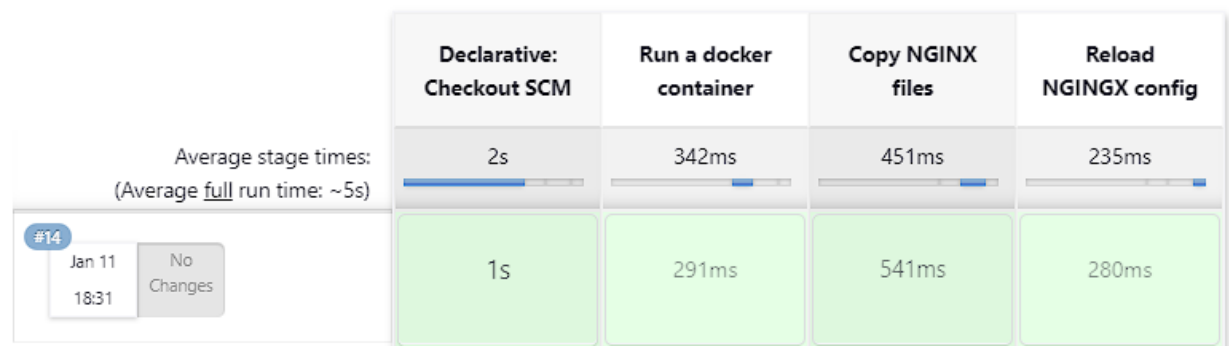1 contributor

25 lines (23 sloc)   623 Bytes

```
 1   pipeline {
 2       agent {
 3           label 'git'
 4       }
 5
 6       stages {
 7           stage('Run a docker container') {
 8               steps {
 9                   sh "docker run -d --name nginx_almaz -p 81:80 nginx"
10               }
11           }
12
13           stage('Copy NGINX files') {
14               steps {
15                   sh "docker cp nginx.conf nginx_almaz:/etc/nginx/nginx.conf"
16                   sh "docker cp index.html nginx_almaz:/usr/share/nginx/html/index.html"
17               }
18           }
19           stage('Reload NGINGX config') {
20               steps {
21                   sh "docker exec nginx_almaz nginx -s reload"
22               }
23           }
24       }
25   }
```

Job run results:

Jenkins pipeline output:

	Declarative: Checkout SCM	Run a docker container	Copy NGINX files	Reload NGINGX config
Average stage times: (Average full run time: ~5s)	2s	342ms	451ms	235ms
#14 Jan 11 18:31 — No Changes	1s	291ms	541ms	280ms

Web server view:

NGINX web project

Yes, this is a message.