

Bo szyny były złe, czyli jak dowozić Rails bez wtopy z Buddy CI

KRUG # 1/2019

ABOUT ME

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<https://buddy.works>

ABOUT US



Code, build & deploy with no effort!

<https://buddy.works>

TO THE POINT



Continuous Delivery

This is all about creating an automated process for delivering software.

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CONTINUOUS DELIVERY GOALS

Reducing **errors**

Errors can creep into software from all sorts of places

Lowering **stress**

Release process should be repeatable and reliable

Getting **feedback**

Every change should trigger the feedback

1/8 VERSION CONTROL



GitHub

Attach existing GitHub repository



GitHub

Attach existing GitHub repository



Bitbucket

Attach existing Bitbucket repository



GitLab

Attach existing GitLab repository



Buddy Git Hosting

Create a new repository



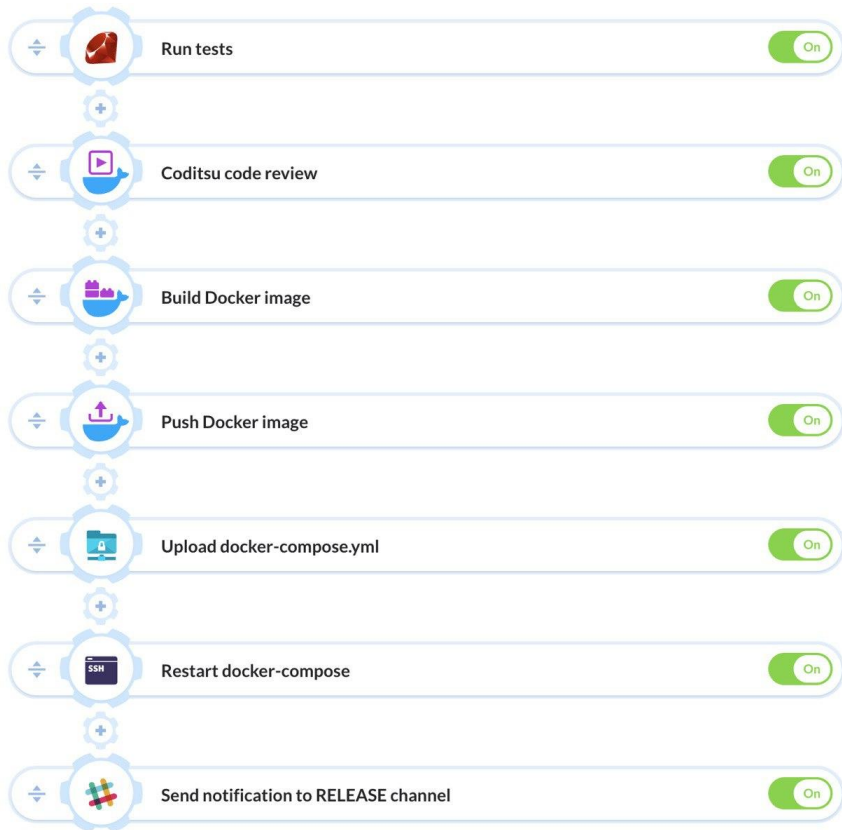
Your Private Git Server

Attach repository from your own Git server

Keep everything in version control
absolutly everything.

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2/8 AUTOMATION



Automate everything almost everything.
There are some things it is impossible to
automate.

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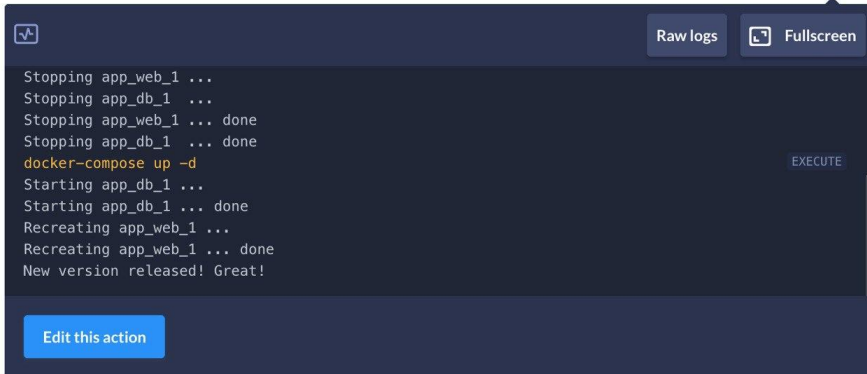
3/8 FREQUENCY

15 JAN		
M	Execution #21: Added .coditsu.yml	PASSED
M	Execution #20: Added .coditsu.yml	PASSED
	Execution #19: Added .coditsu.yml	PASSED
14 JAN		
R	Execution #18: Added .coditsu.yml	PASSED
R	Execution #17: Added .coditsu.yml	PASSED
	Execution #16: Add images	PASSED
	Execution #15: Changes to index.html.erb	PASSED
	Execution #14: Change app port	PASSED
	Execution #13: Changes in docker env	PASSED

Do it more often
if something is difficult or painful

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4/8 DEFINITION OF DONE

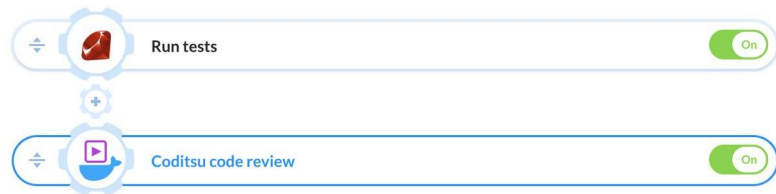


A screenshot of a terminal window with a dark background. The terminal shows the output of a Docker Compose deployment. The text is as follows: Stopping app_web_1 ... Stopping app_db_1 ... Stopping app_web_1 ... done Stopping app_db_1 ... done docker-compose up -d Starting app_db_1 ... Starting app_db_1 ... done Recreating app_web_1 ... Recreating app_web_1 ... done New version released! Great! At the top right of the terminal window, there are two buttons: 'Raw logs' and 'Fullscreen'. At the bottom left, there is a blue button that says 'Edit this action'. On the right side of the terminal window, there is a small 'EXECUTE' button.

```
Stopping app_web_1 ...
Stopping app_db_1 ...
Stopping app_web_1 ... done
Stopping app_db_1 ... done
docker-compose up -d
Starting app_db_1 ...
Starting app_db_1 ... done
Recreating app_web_1 ...
Recreating app_web_1 ... done
New version released! Great!
```

Done means released there is no „80% done“. Things are either done, or they are not.

5/8 QUALITY



Build quality in testing is not a phase.
Testing is not the domain of testers.

6/8 RESPONSIBILITY



Everybody has responsibility for the **product** this should be the one of the central principles

7/8 THE TEAM

The screenshot displays the Buddy CI/CD dashboard with four pipeline cards and a sidebar on the right.

Pipeline Cards:

- Test & Deploy to Production:** URL: <http://165.227.171.108/welcome/index>. Run button. Last execution: PASSED (Executed 8 days ago). State: HEAD. Branch: master. Triggering: MANUAL.
- Test & Deploy to Staging:** Last execution: PASSED (Executed 8 days ago). State: HEAD. Branch: dev. Triggering: ON PUSH. Button: Awaiting push.
- Test Application:** Last execution: PASSED (Executed 8 days ago). Wildcard: (empty). Triggering: ON PUSH. Button: Awaiting push.
- Website Monitoring:** Last execution: IN PROGRESS (Executed a few seconds ago). Branch: None. Triggering: EVERY 1 MINUTE. Button: 00:00.

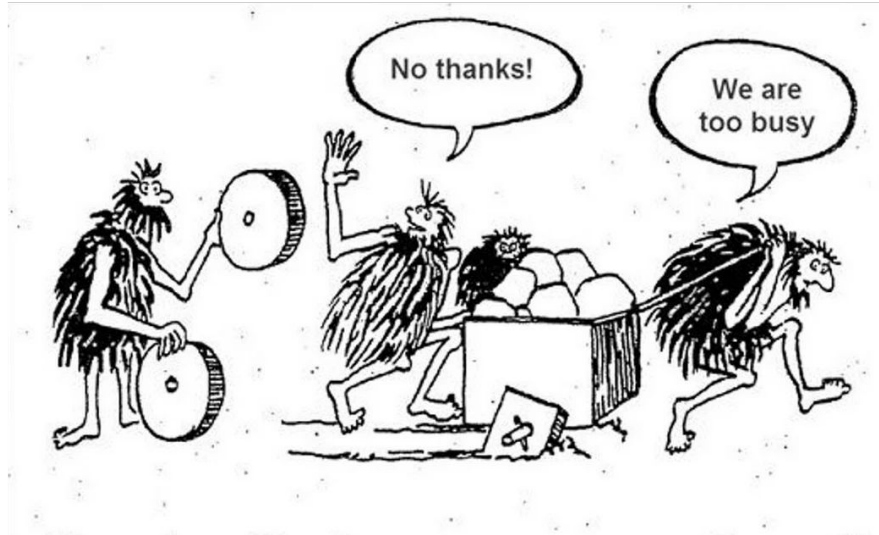
Right Sidebar:

- Add a new pipeline
- Add a new folder
- Clone existing pipeline
- Execute all pipelines
- View mode: Cards
- Submodules: ON
- Environment variables
- YAML configuration: OFF
- YAML helper
- Export
- Import
- Commit commands
- Our IP's

Empower the team encourage greater collaboration between everybody involved in software delivery

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8/8 CONTINUOUS IMPROVEMENT



Plan, do, study, act all processes evolve.
First release of an application is just first
stage in its life

KRUG Deal



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Thank you.