

“First Aid Kit”

Luigi De Russis

# Git, GitHub (and RubyMine)



POLITECNICO  
DI TORINO



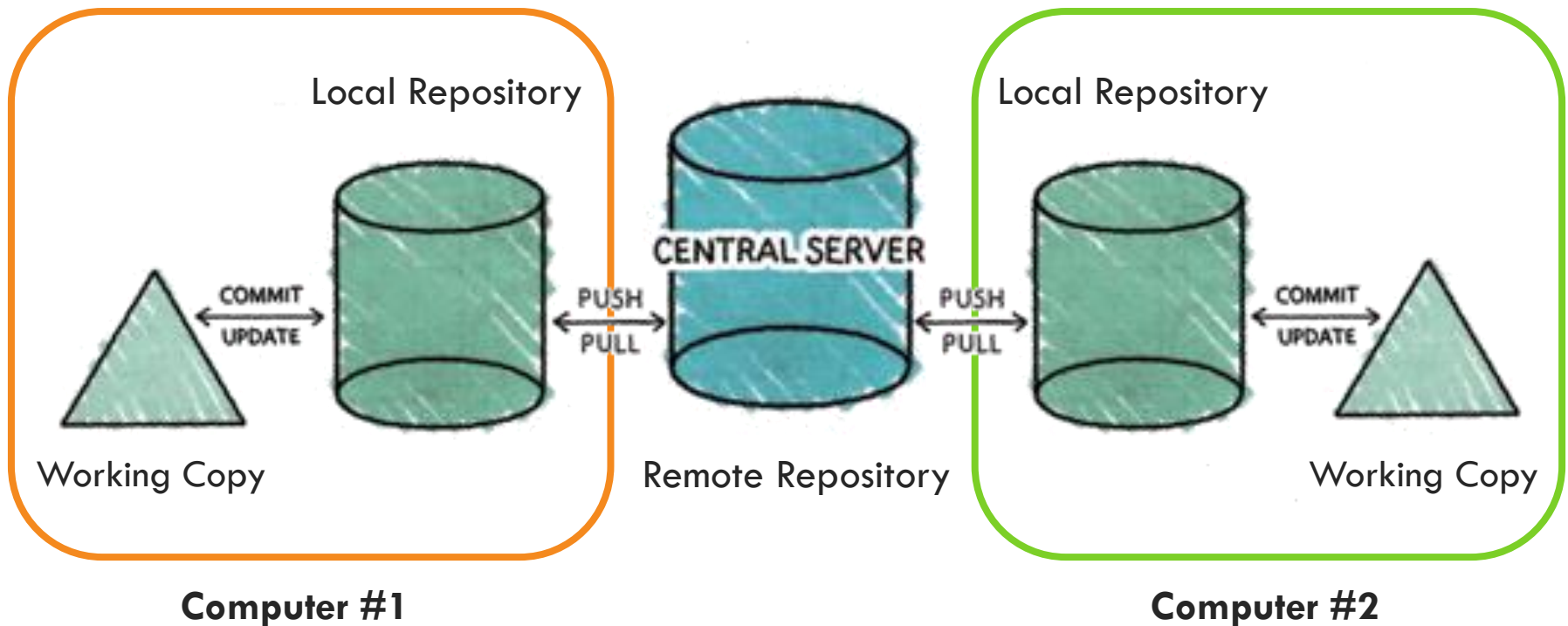
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# Git at 100 feet

From the “Version Control with Git” set of slides

# Some Concepts

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# 4

## GitHub (for us)

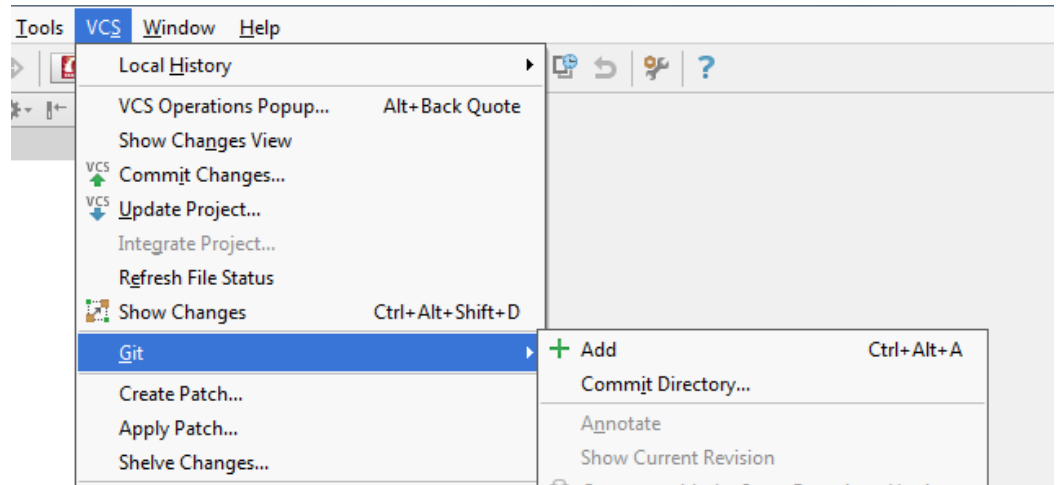
Let's have a look to <http://github.com/lam-2015>

# 5 Using Git(Hub) with RubyMine

# RubyMine 7.1 meets Git

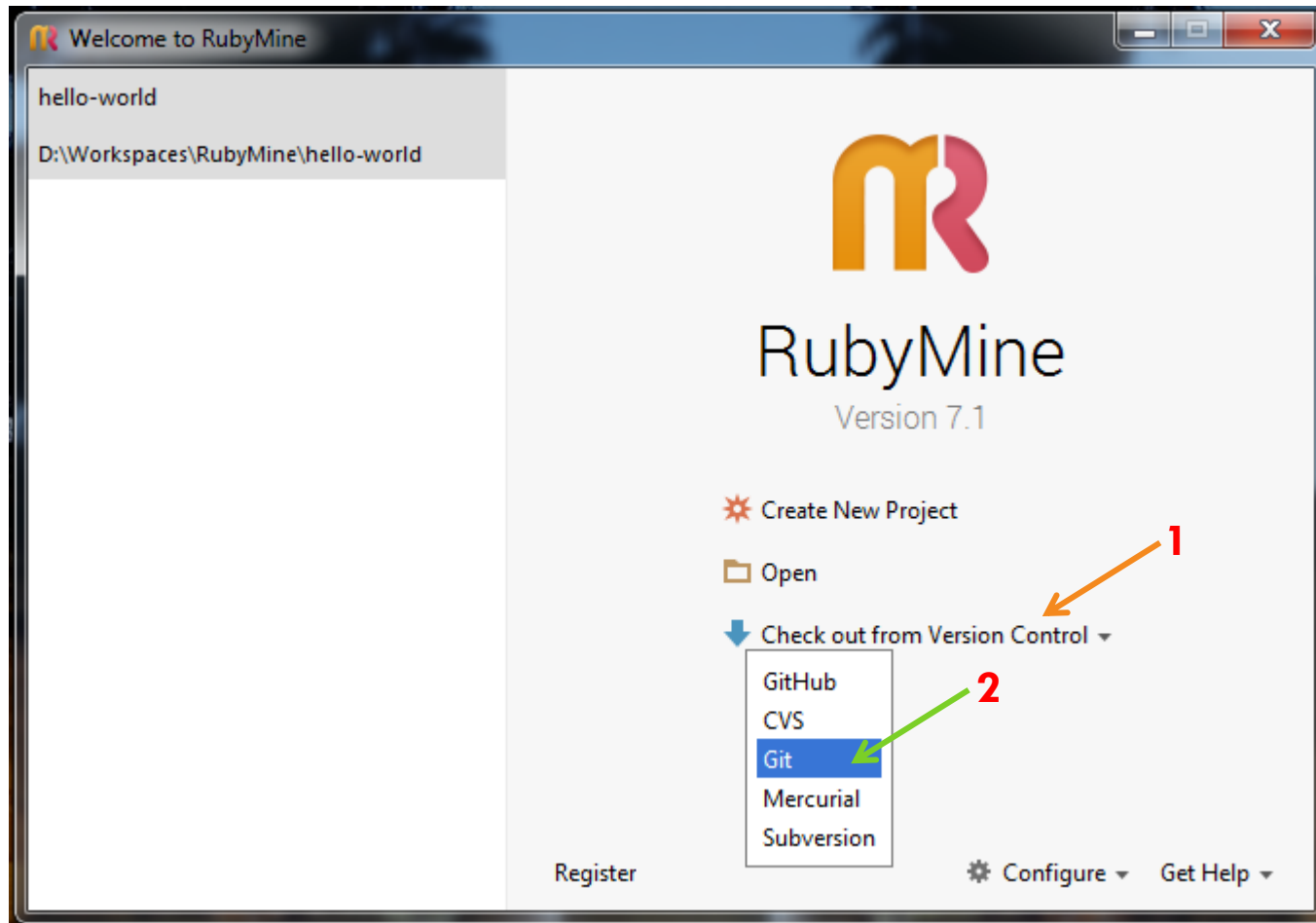
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- RubyMine has Git integration built-in
- Most operations are possible starting from the VCS menu



# Clone an existing (Rails) repository

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# Link a local repository with a remote

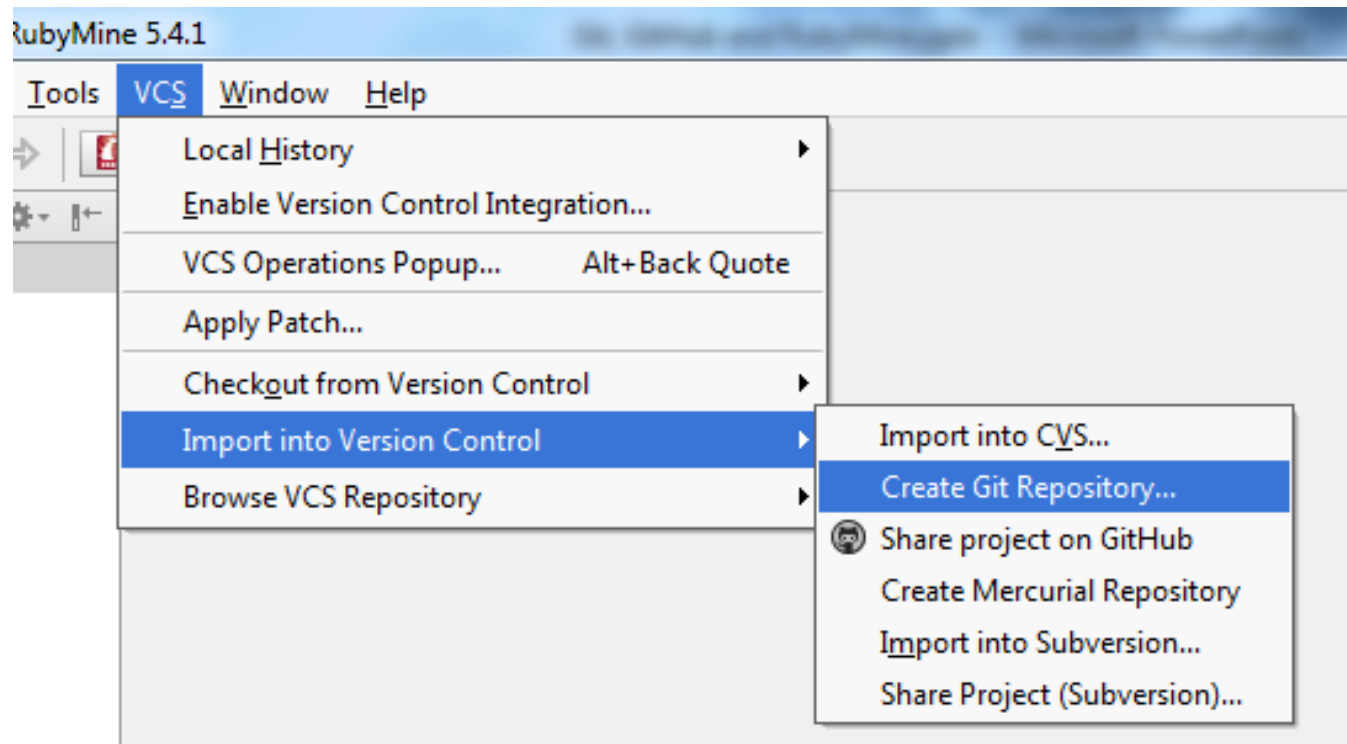
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- open RubyMine and create a new Rails project (as usual)
- create a local repository, and add the project files to it
- commit
- select "push" and add the remote URL in the same window
- done!



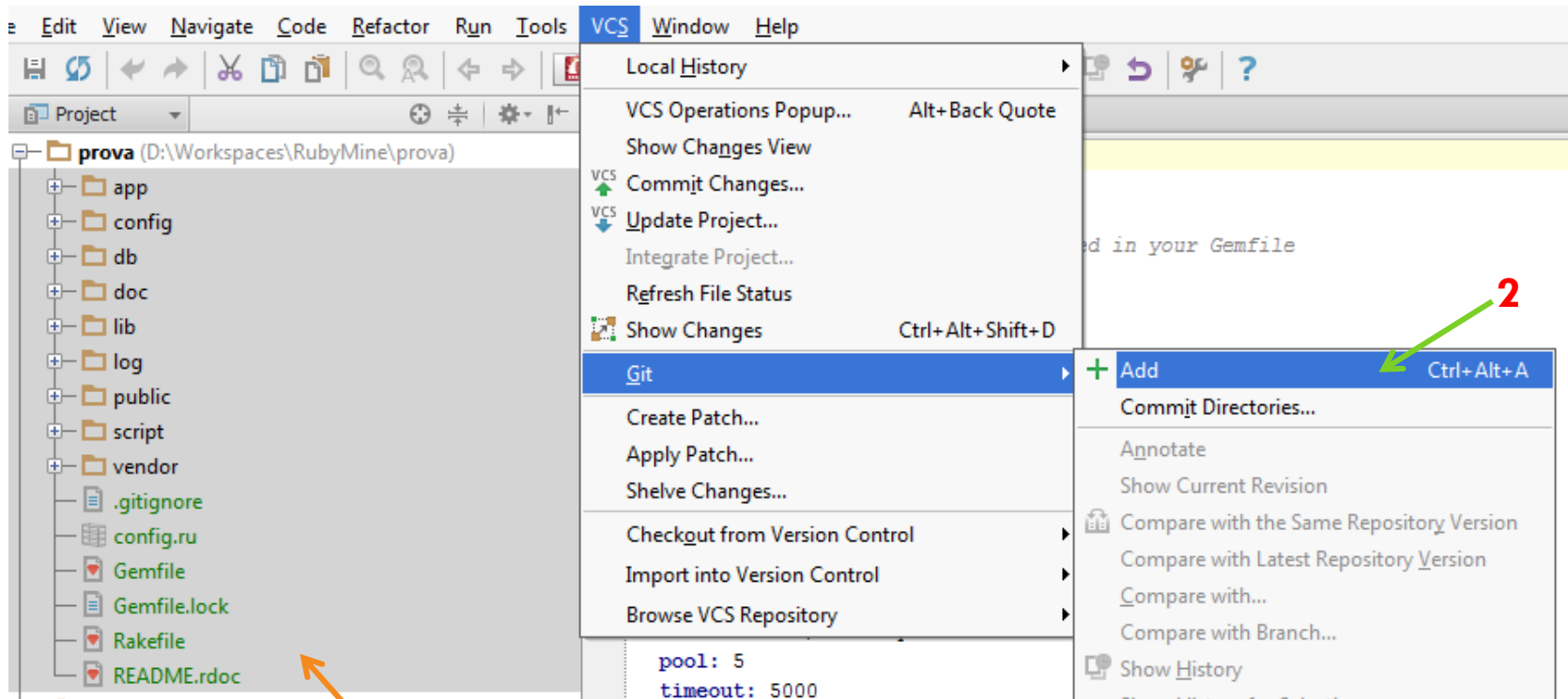
# Link a local repository with a remote

9



# Link a local repository with a remote

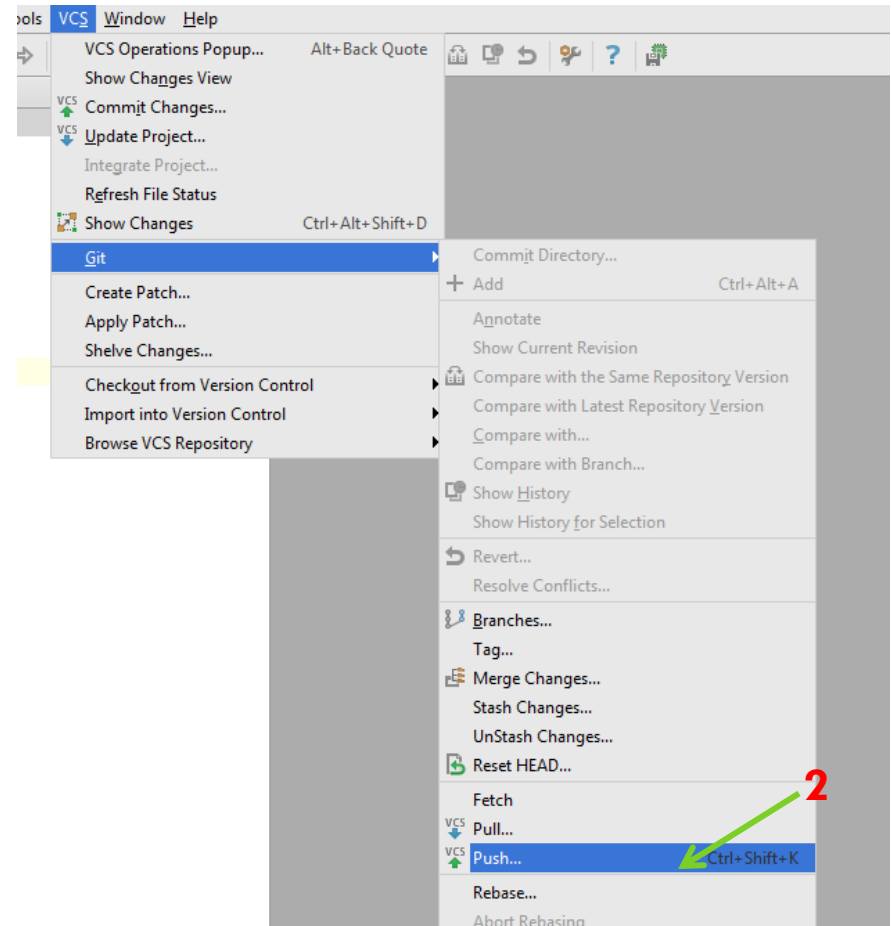
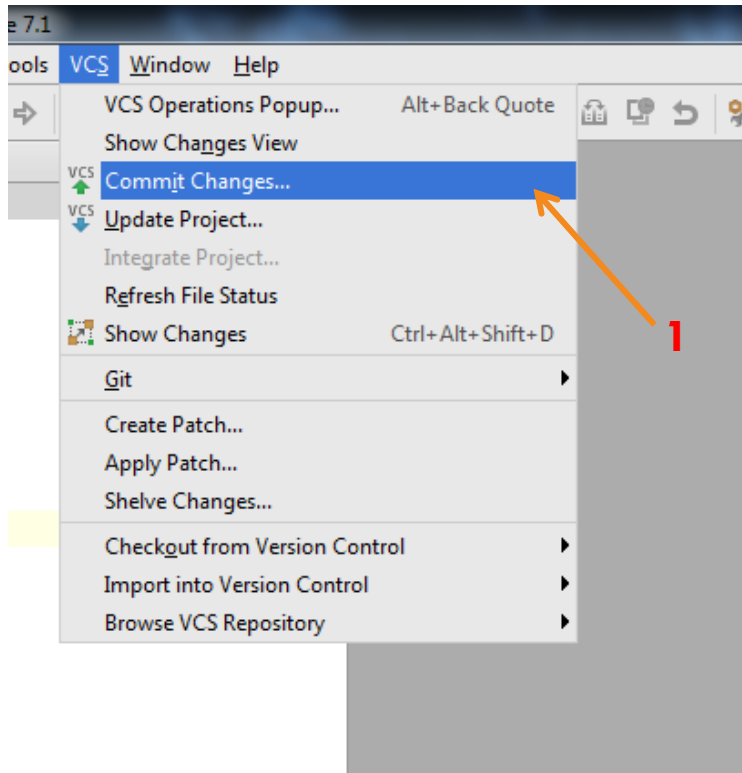
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1 (select all)

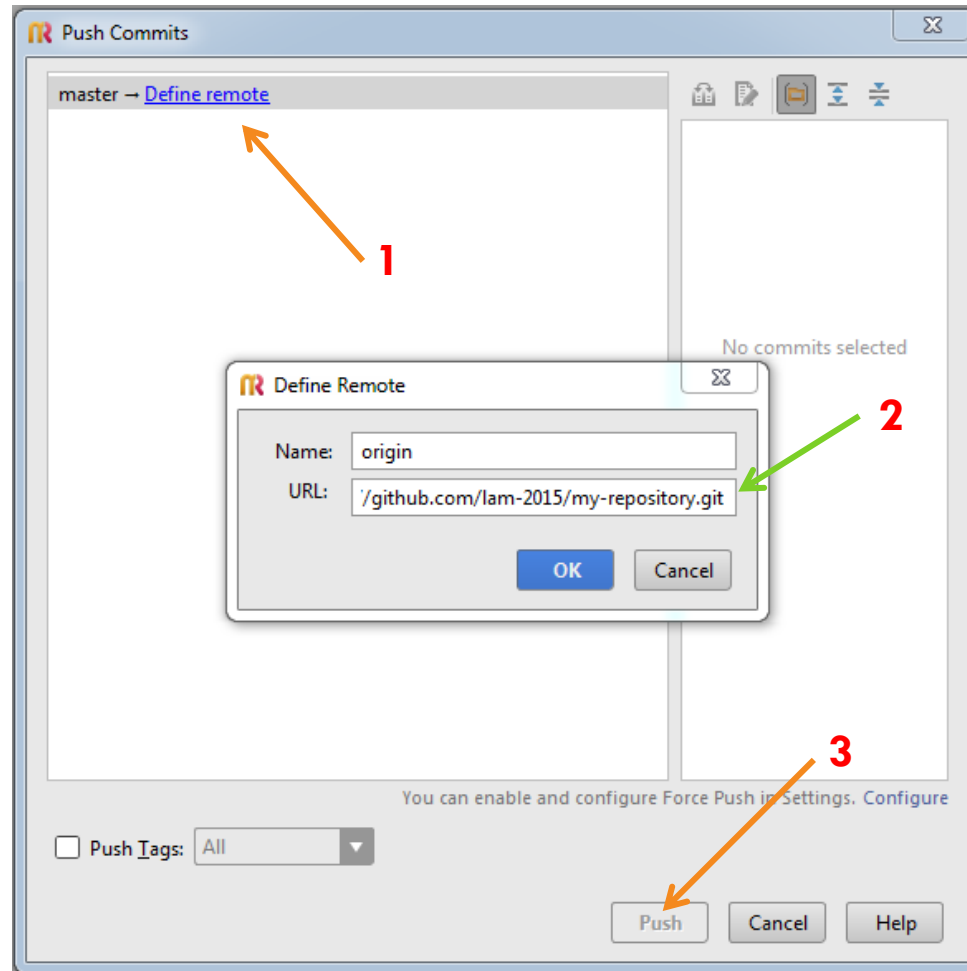
# Link a local repository with a remote

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# Link a local repository with a remote

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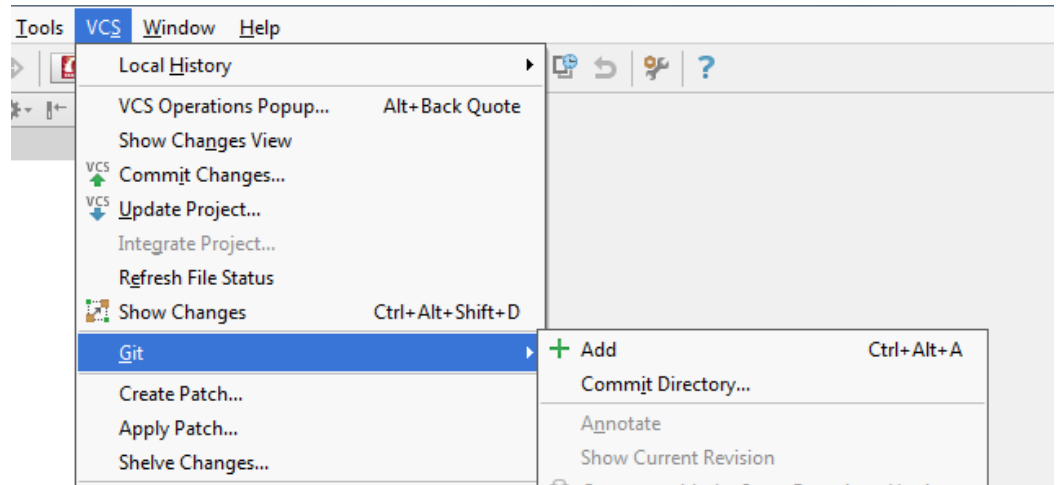
## Before RubyMine 7.1 ...

Update to RubyMine 7.1 to a better Git experience!

# RubyMine pre-7.1 vs. Git

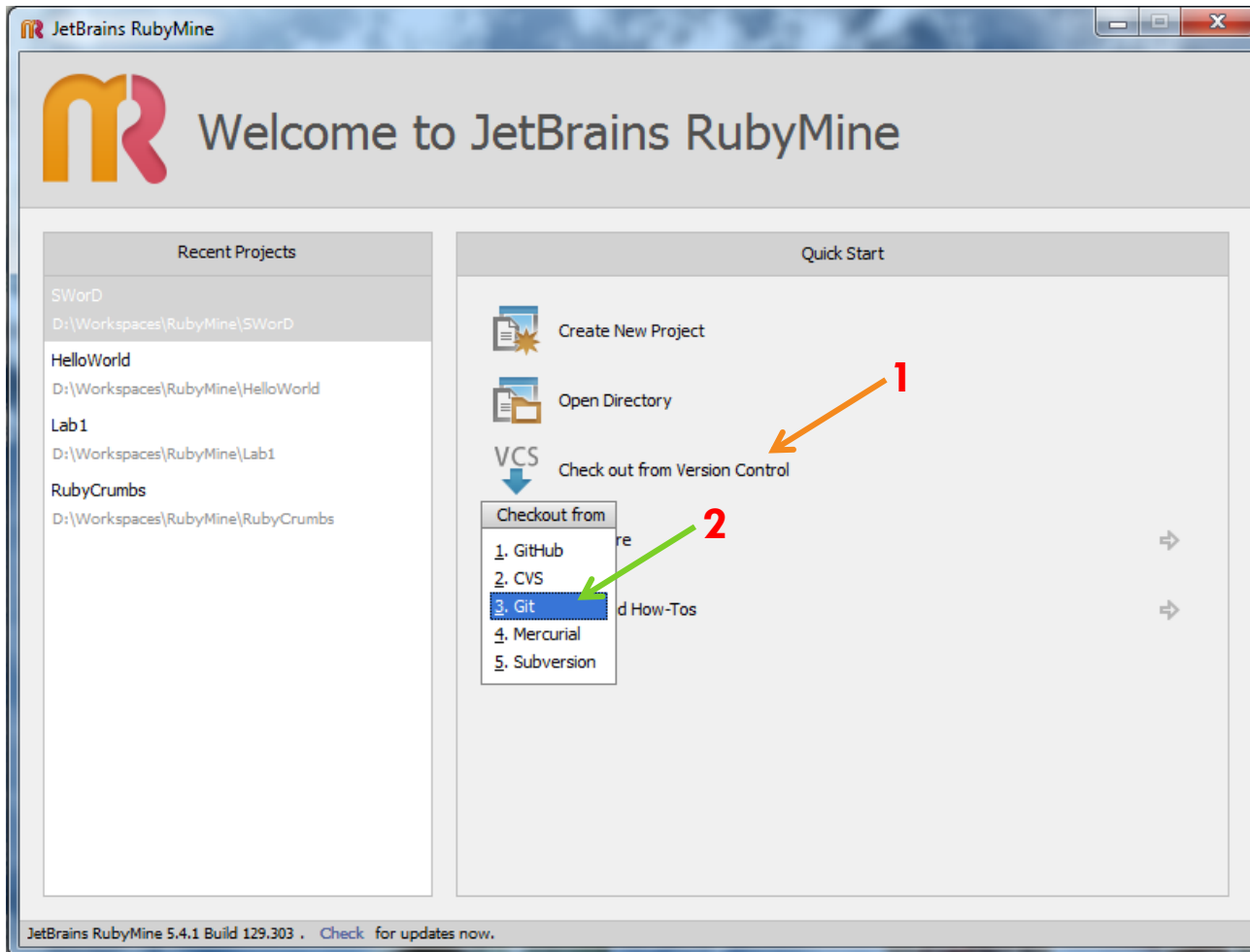
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- RubyMine 7.0.x has Git integration built-in
- However, they “forgot” some essential functionalities
  - ▣ we have to find some workaround...
  - ▣ ... or we have to deal with the terminal



# Clone an existing (Rails) repository

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# Link a local repository with a remote

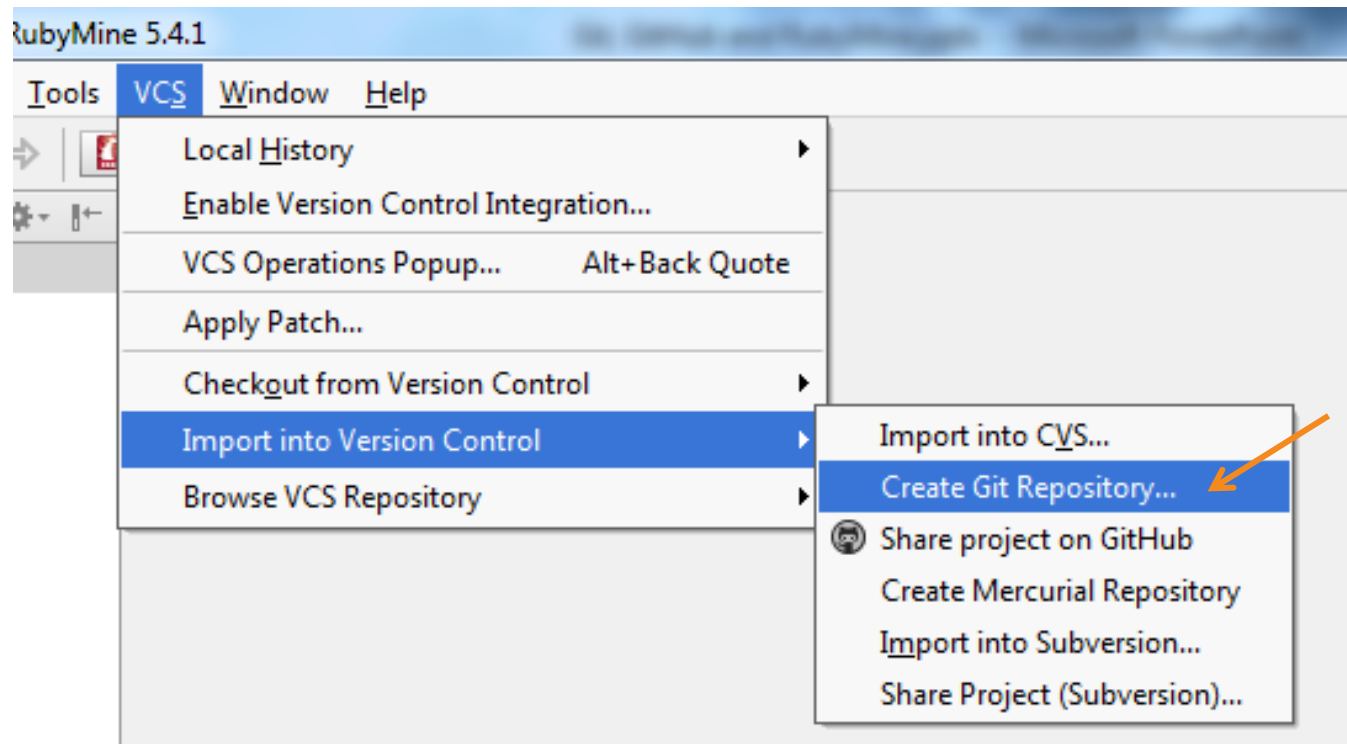
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- Two methods
- “RubyMine way”
  - ▣ open RubyMine and create a new Rails project (as usual)
  - ▣ create a local repository, and add the project files to it
  - ▣ close RubyMine
  - ▣ open the terminal (or the command prompt under Windows)
    - go to the project folder
    - `git remote add origin url-of-the-remote-repo`
  - ▣ re-open RubyMine
  - ▣ push the project to the remote repository



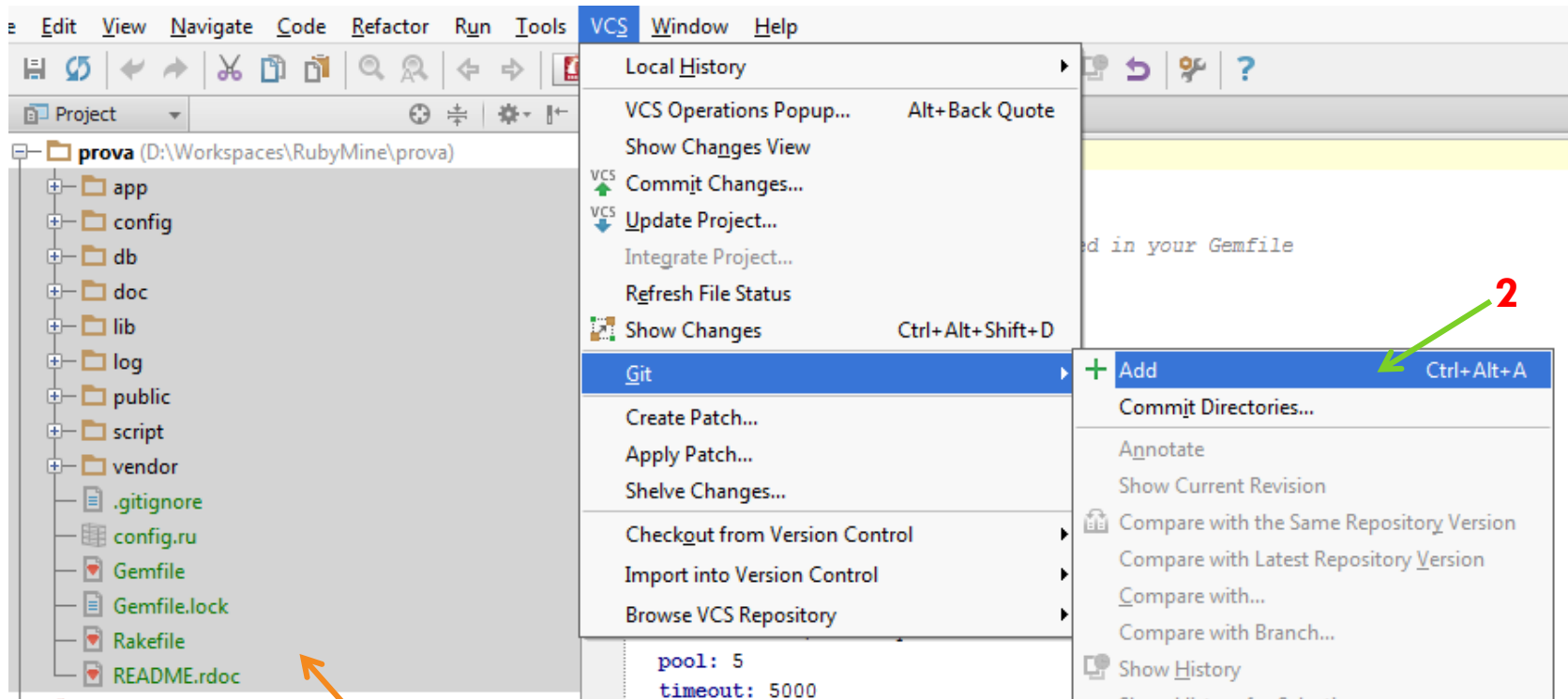
# RubyMine Way (screenshot #1)

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# RubyMine Way (screenshot #2)

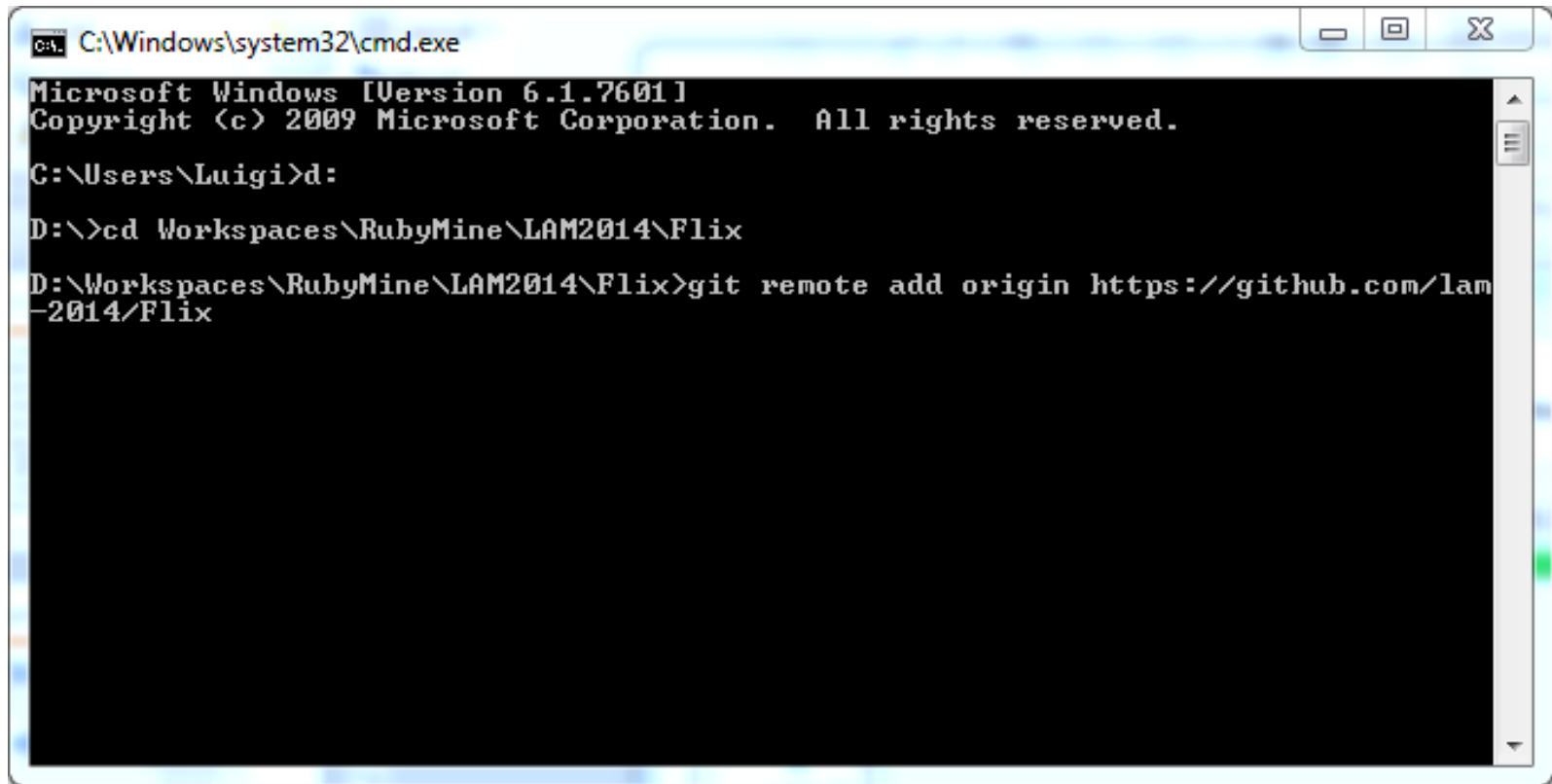
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1 (select all)

# RubyMine Way (screenshot #3)

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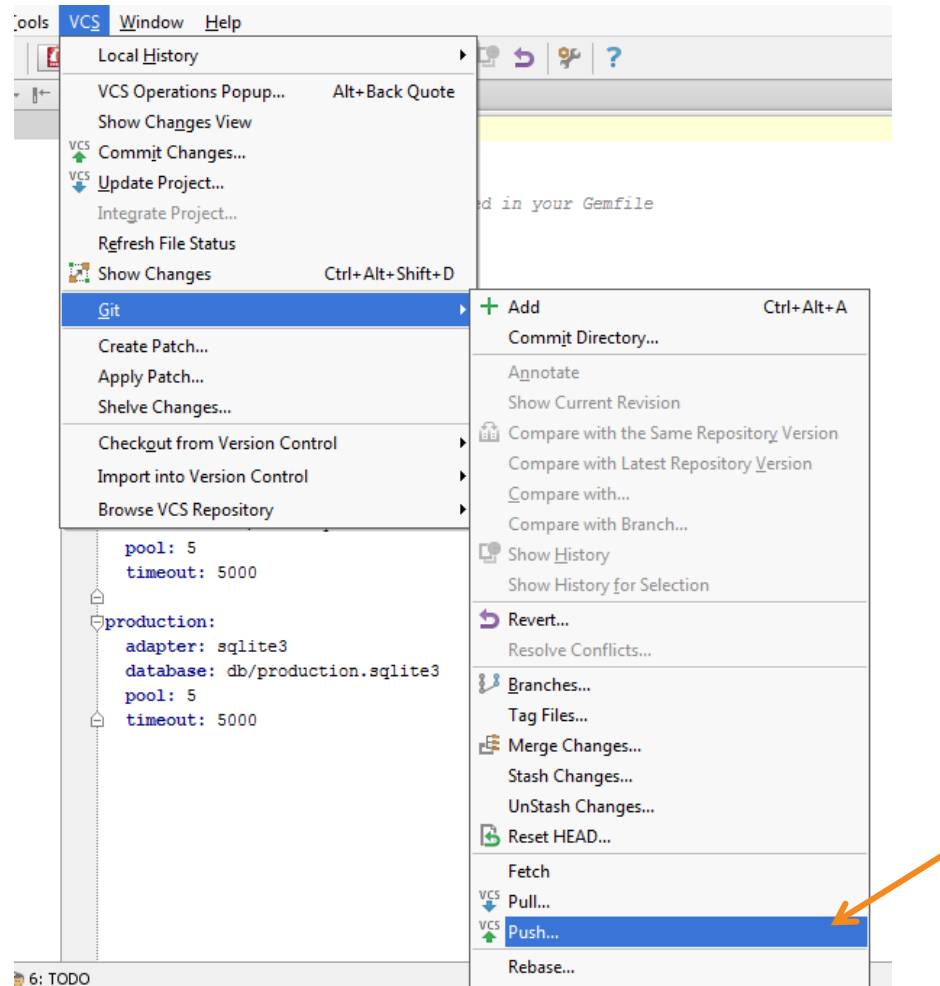


```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Luigi>d:
D:\>cd Workspaces\RubyMine\LAM2014\Flix
D:\Workspaces\RubyMine\LAM2014\Flix>git remote add origin https://github.com/lam-2014/Flix
```

# RubyMine Way (screenshot #4)

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# Link a local repository with a remote

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- Alternative way
  - ▣ clone the (empty) remote repository with a git client (e.g., a GitHub applications) to the RubyMine workspace
  - ▣ open RubyMine
  - ▣ create a new Rails project in the same folder
  - ▣ add the project to the cloned (local) repository
  - ▣ push the project to the remote repository

# Alternative Way (screenshot #1)

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Local

- repositories

GitHub

- luigidr
- AmI-2014
- dog-gateway
- lam-2013
- lam-2014

+ create refresh tools

Filter repositories

- lam-2014/ArtAtHome
- lam-2014/circo
- lam-2014/fast-rate-food
- lam-2014/Flix
- lam-2014/git-experiment-1
- lam-2014/git-experiment-2
- lam-2014/git-experiment-3
- lam-2014/git-experiment-4
- lam-2014/git-experiment-5
- lam-2014/git-experiment-6

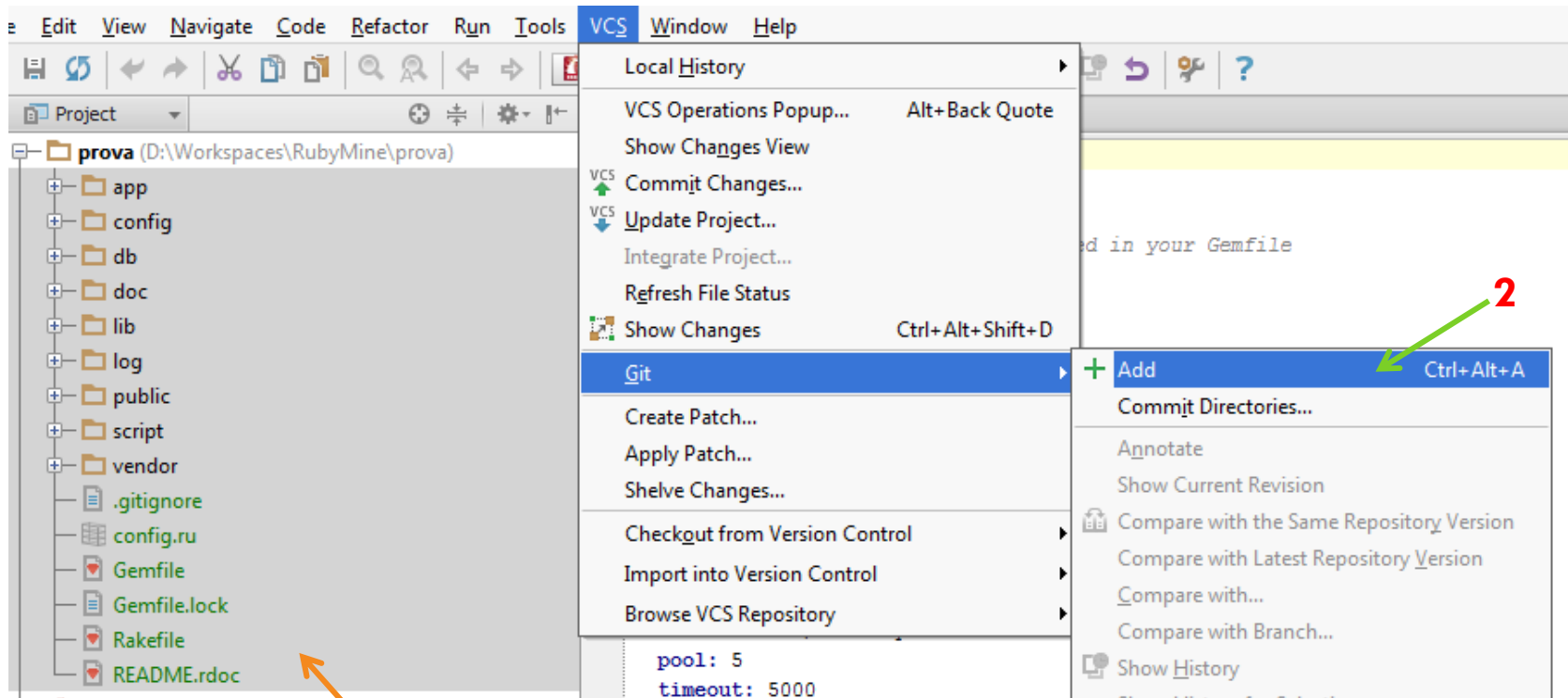
CLONE

no readme

This repository doesn't have a README. REA describe your project or add some documenta use your project. Why not :

# Alternative Way (screenshot #2)

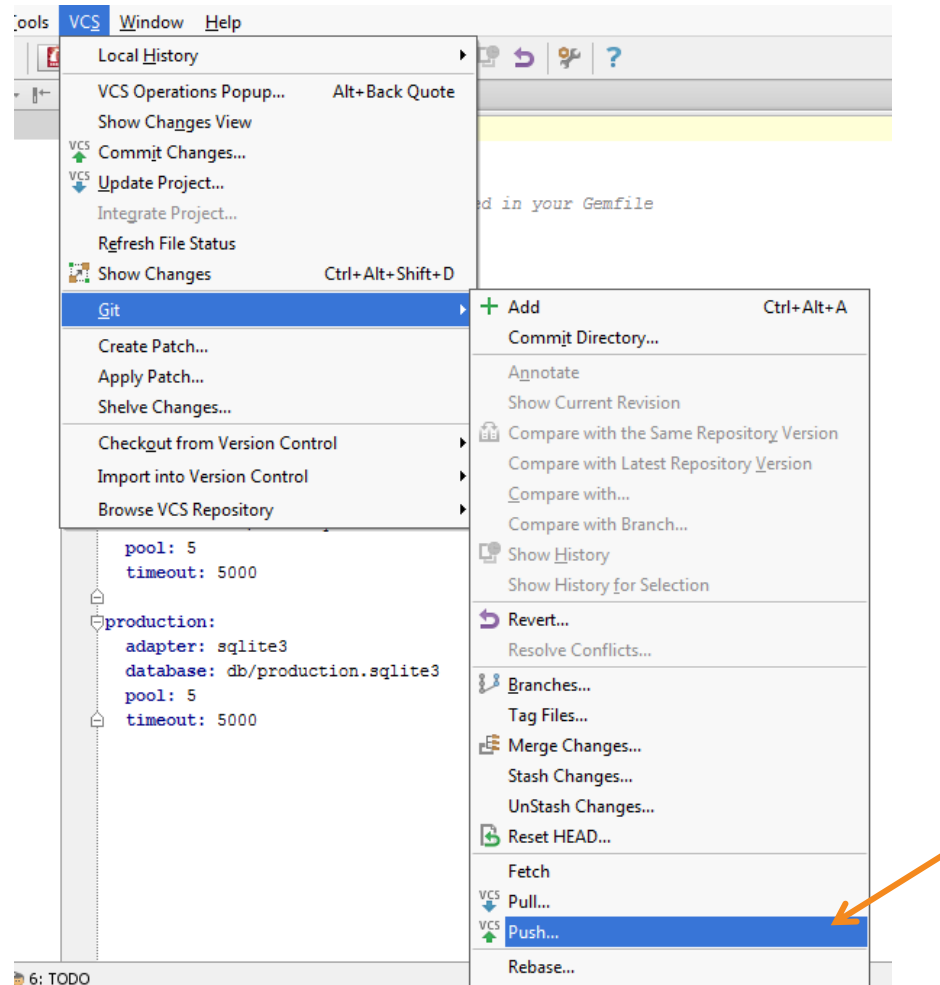
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1 (select all)

# Alternative Way (screenshot #3)

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# Other operations...




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- Other (basic) operations should be realized directly in RubyMine
- You can also decide to “split” the development and the version control phase
  - ▣ you can develop in RubyMine
  - ▣ and add/commit/push/pull with a git client
- ... it's your choice!

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