

# What's a Pull Request

## (Contributing to Open Source)



Brad Wood

@bdw429s

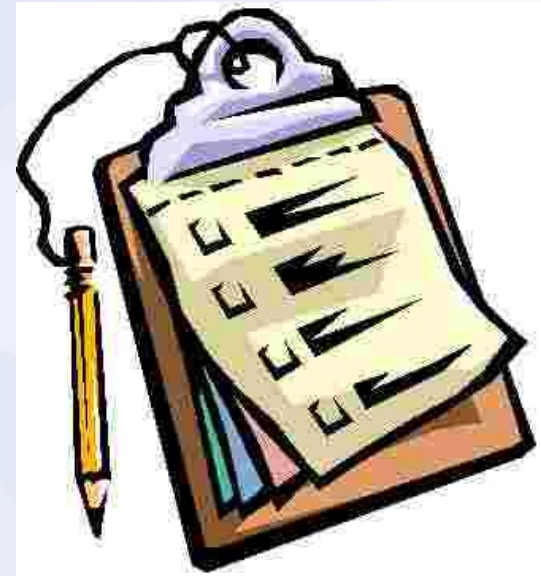
# Who Am I?

- ColdFusion Architect (12 years)
- Geek
- Android Lover
- Blogger ([codersrevolution.com](http://codersrevolution.com))
- ColdBox Platform Evangelist
- Musician
- Shade-Tree Mechanic
- Husband (11 years)
- Dad (3 beautiful girls)



# In this Session

- Open Source
- Getting off your duff
- Source control
- Double Rainbows
- GitHub
- Submitting a pull request



# What Is Open Source?

Source code of  
software is publicly  
available



# What Is Open Source?

Free\*



\*Gratis versus Libre

"Think free as in free speech, not free beer."

-- Richard Stallman



# What Is Open Source?

Not all free software  
is OSS

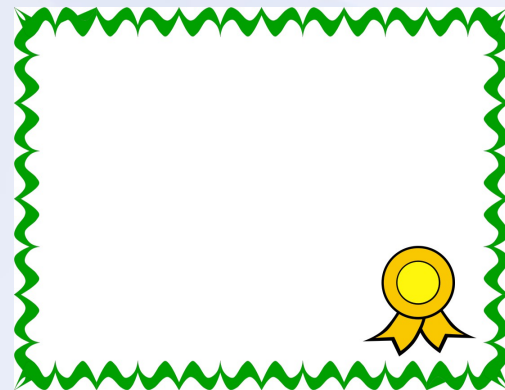
Not all OSS  
is free



# What Is Open Source?

License controls what you can and can't do with the software. ([www.choosealicense.com](http://www.choosealicense.com))

- GPL
- Apache
- MIT
- BSD



# What Is Open Source?

Support, training, or  
feature development  
may be offered  
for charge





# What Is Open Source?

Everyone can view,  
understand, and  
modify your  
code



# What Is Open Source?

Everyone can view,  
understand, and  
exploit your  
code



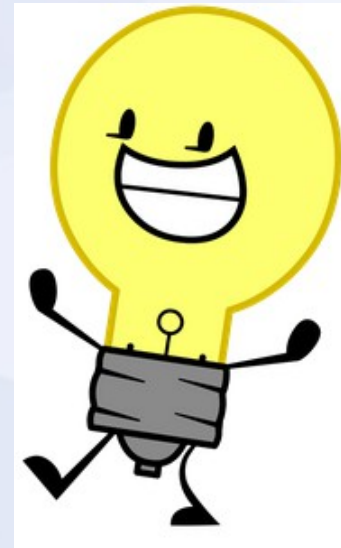
# Why Release OSS

- Open Exchange
- Collaborative Participation
- Transparency
- Meritocracy
- Community



# Why Use OSS

- Less Restrictive
- Easier to debug
- Can be modified
- Avoid lock-in
- Security/Quality (many eyes)



# Why Avoid OSS

- Poor community support
- Small projects “dry up”
- Lack documentation
- Bad ease of use
- Disorganized





# Fight Back

Apache Software Foundation



Open Source Initiative



Eclipse Foundation



Creative Commons



# Fight Back

Open CFML Foundation



Team CF Advance



# Plug In

- Stay current
- Ask questions
- Answer questions
- Report bugs
- Give back



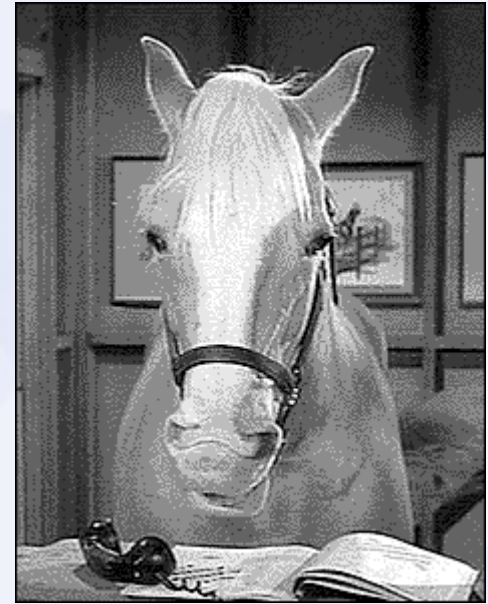
# Contributing To Others' Work

- Documentation
- New features
- Bug fixes
- Typos



# Go To The Source

- BitBucket
- Google Code
- SourceForge
- Assembla
- GitHub





# **What is source control?**

The management of changes to documents and other collections of information. Changes are identified by unique "revision" identifiers which are associated with a timestamp and the person making the change.

Revisions can be compared, restored, and merged.

# What is source control?

**ColdBox/coldbox-platform**

Development



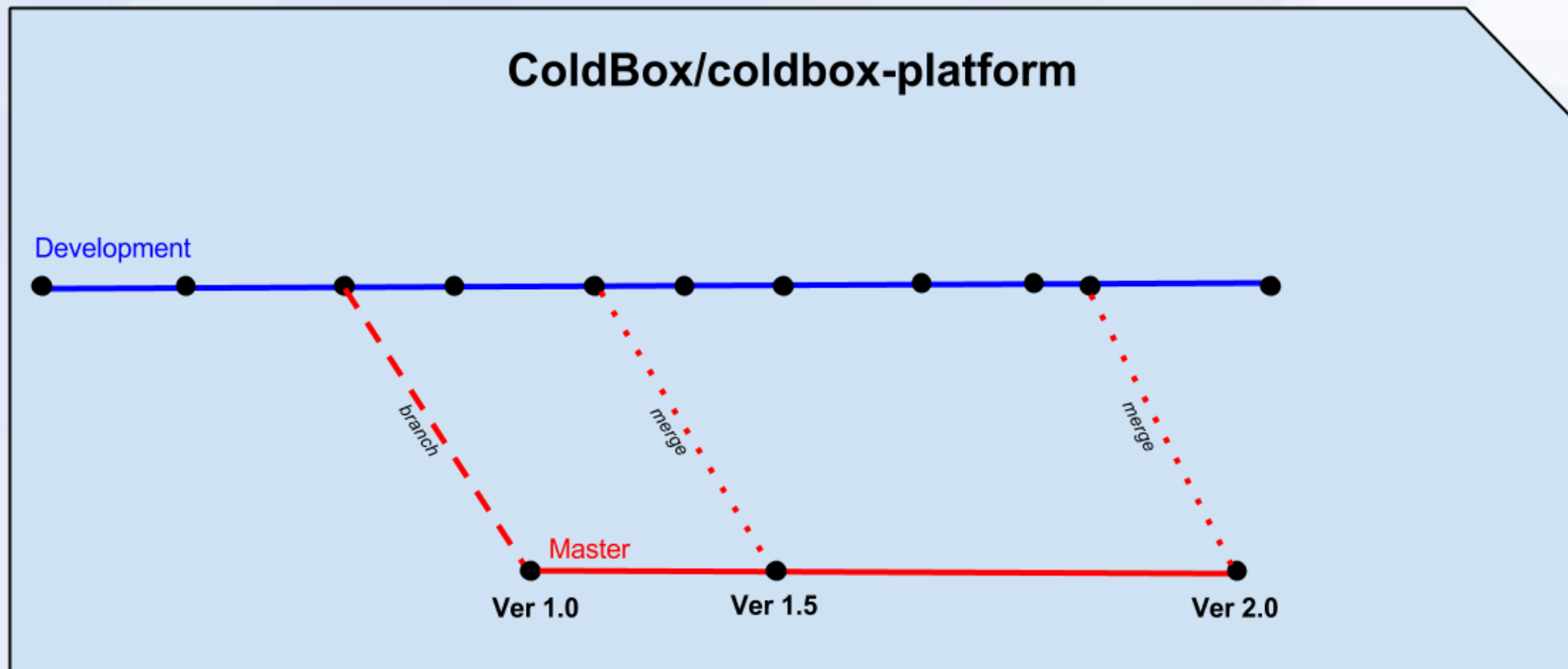
# What is source control?

ColdBox/coldbox-platform

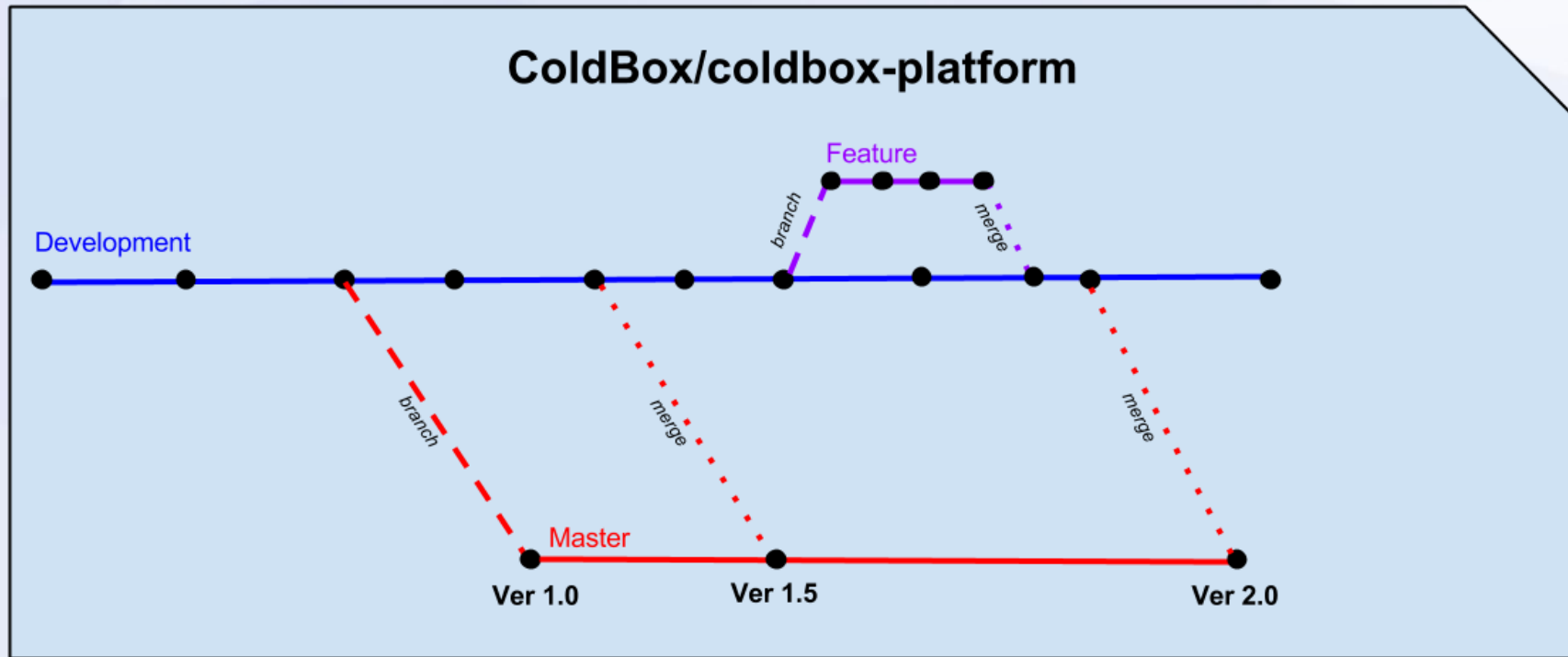
Development



# What is source control?

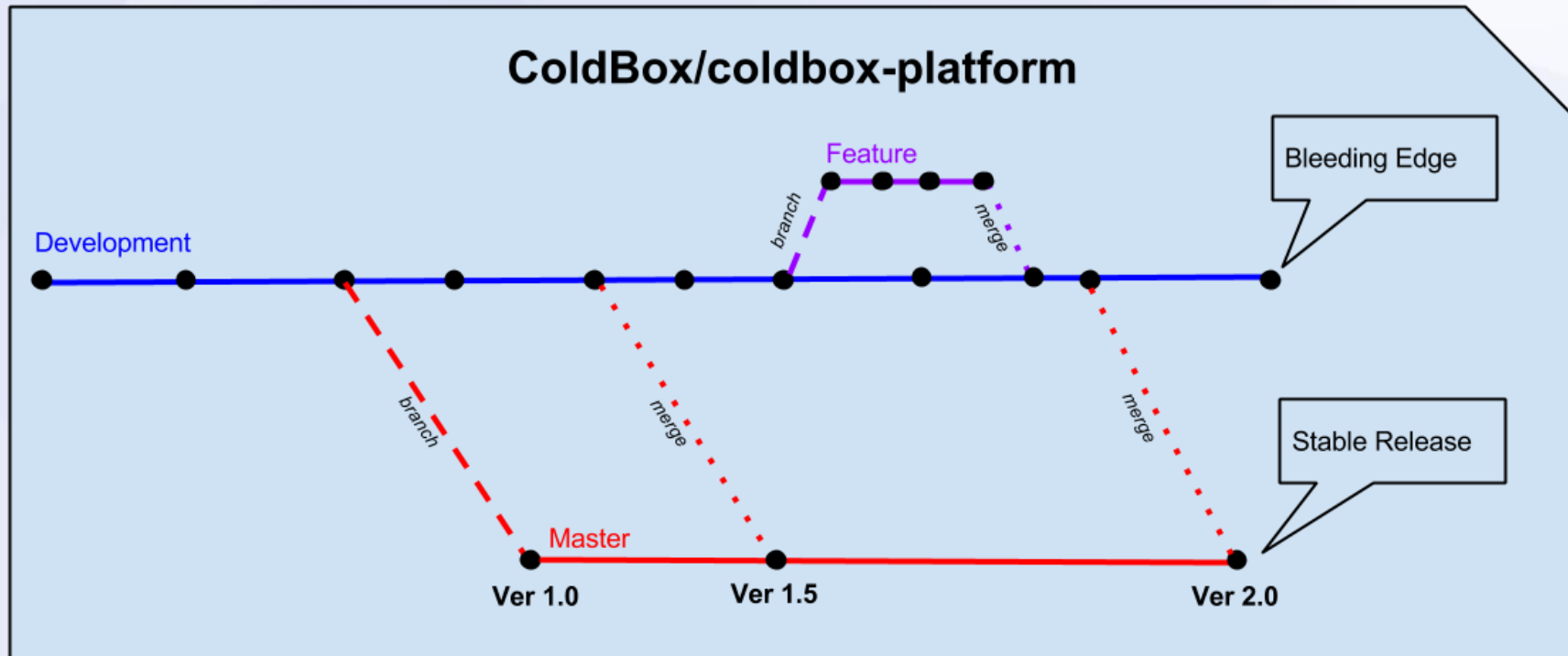


# What is source control?





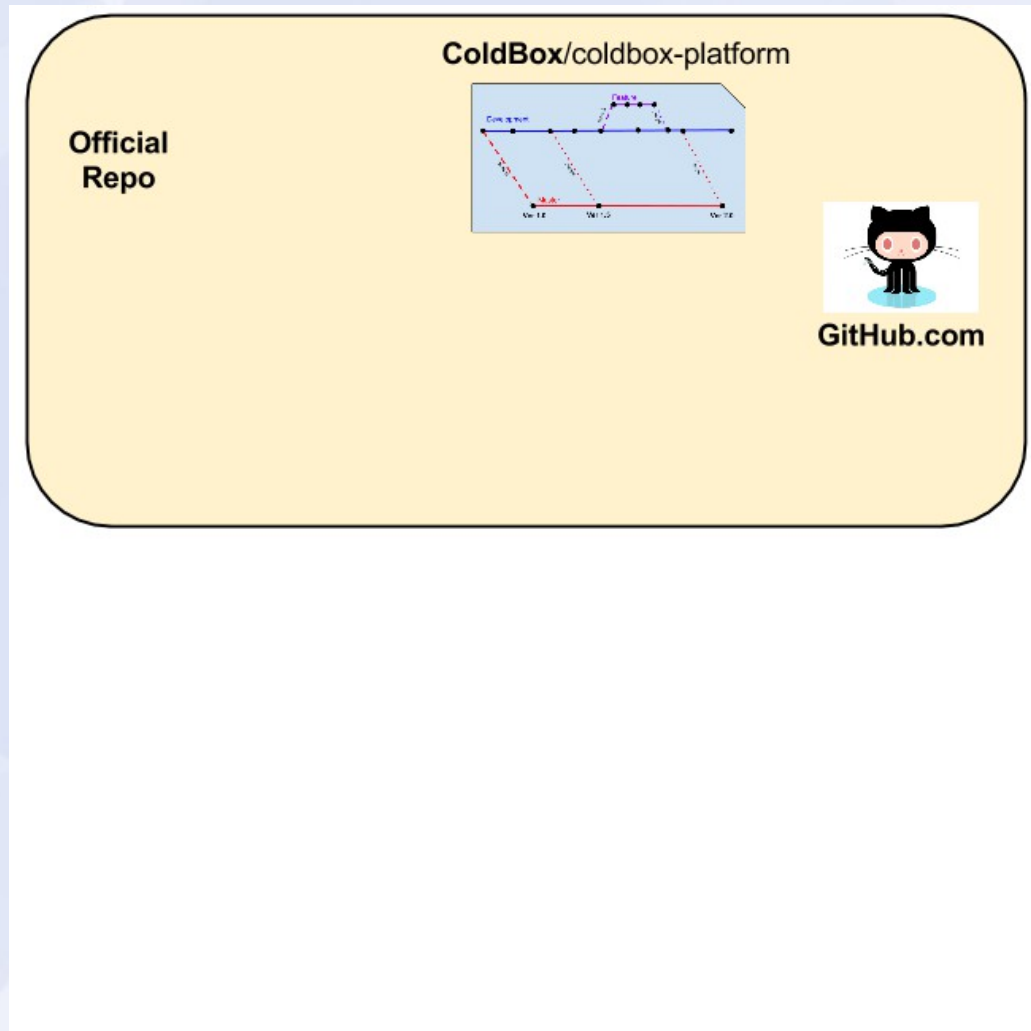
# What is source control?



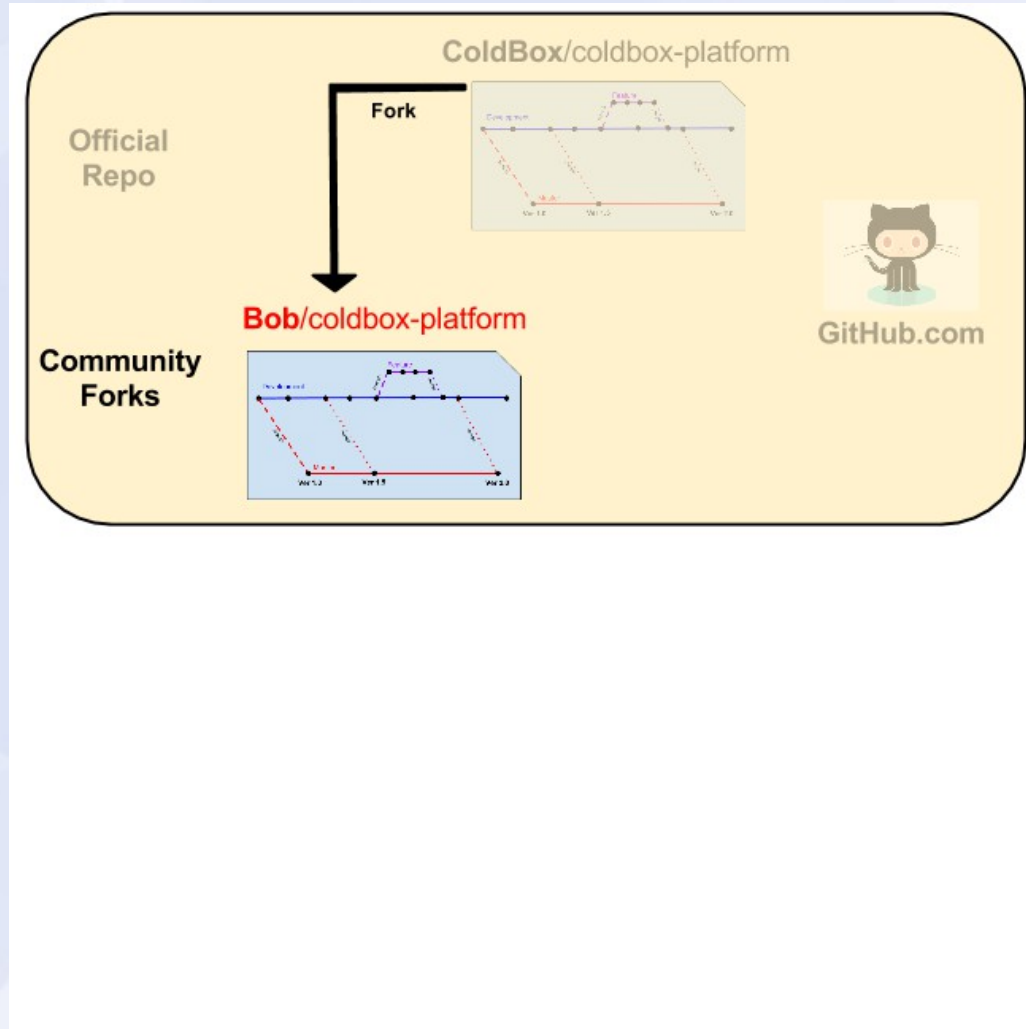
# GitHub Terms

- Distributed Source Control
- Fork
- Push/Pull
- Remotes (origin, upstream)
- Clone
- Branch
- Pull Request

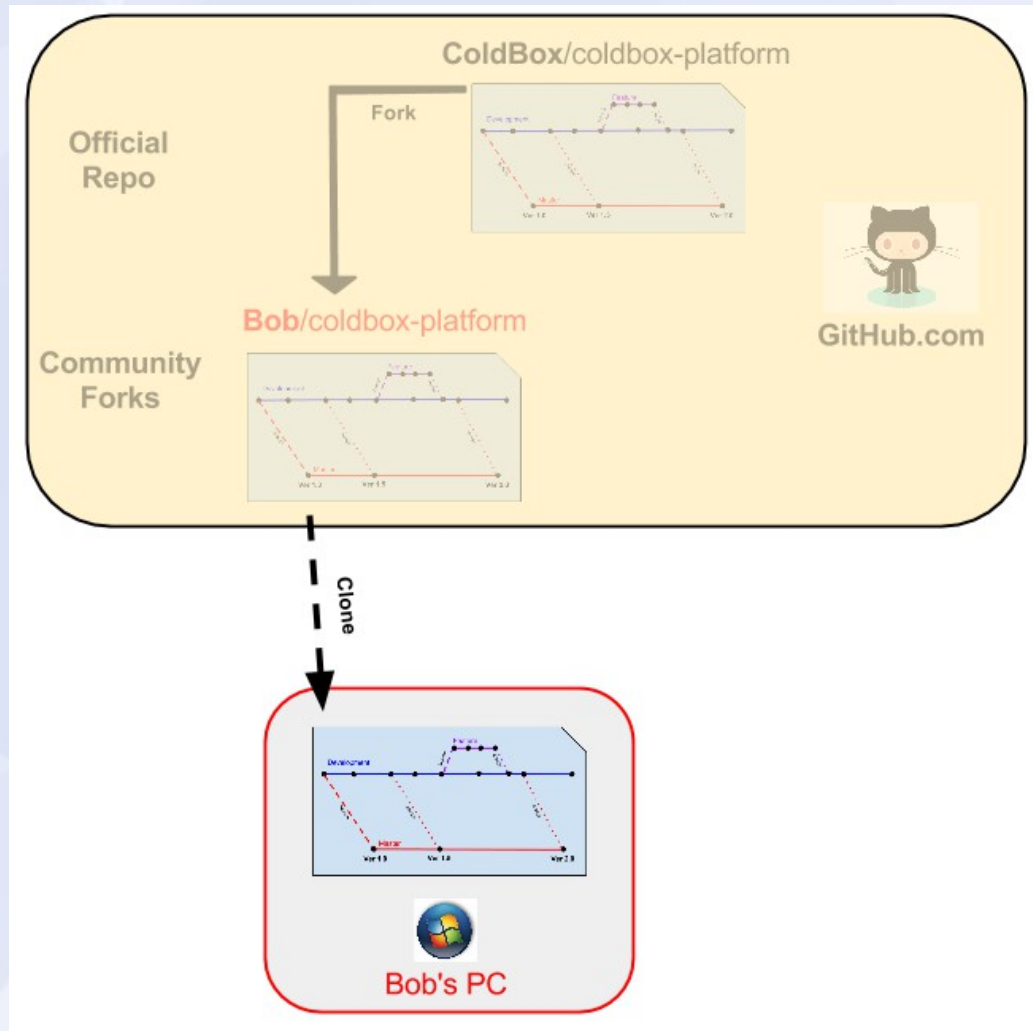
# GitHub Model



# GitHub Model

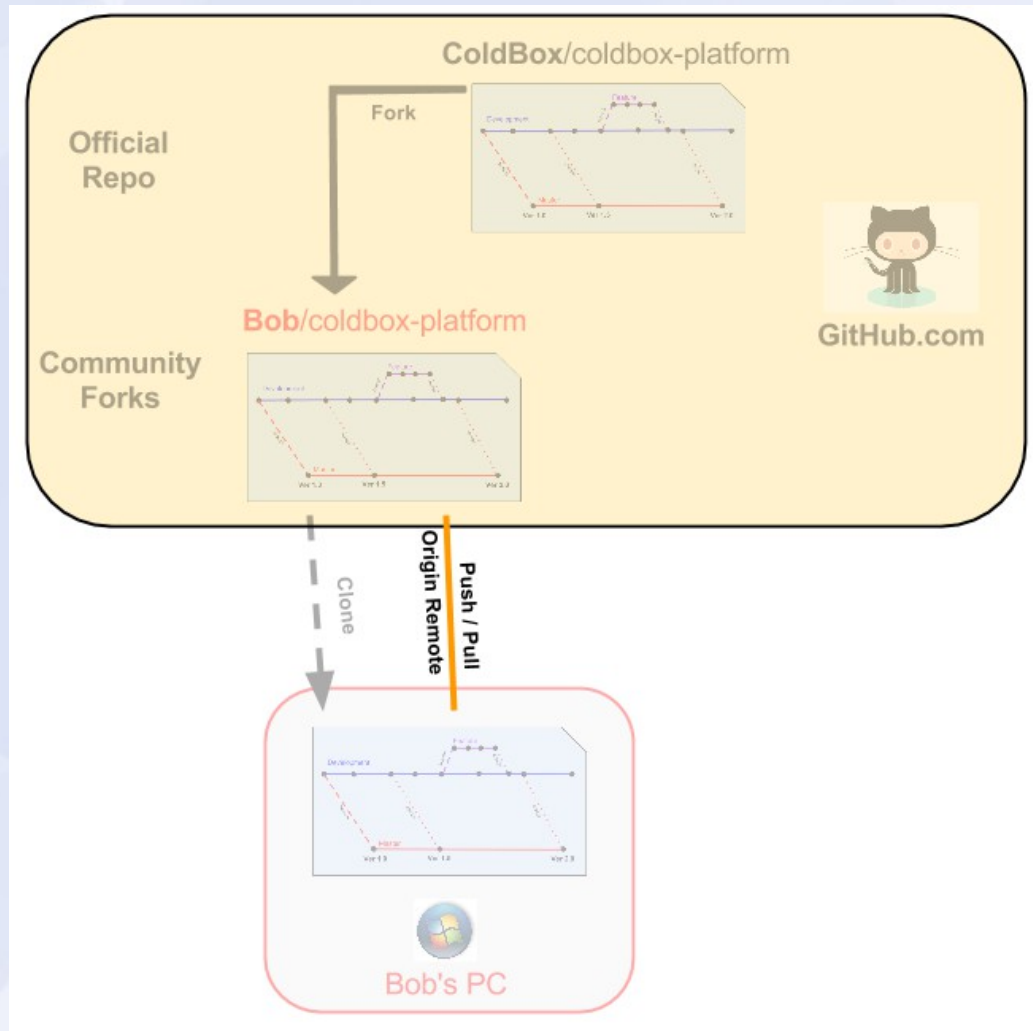


# GitHub Model

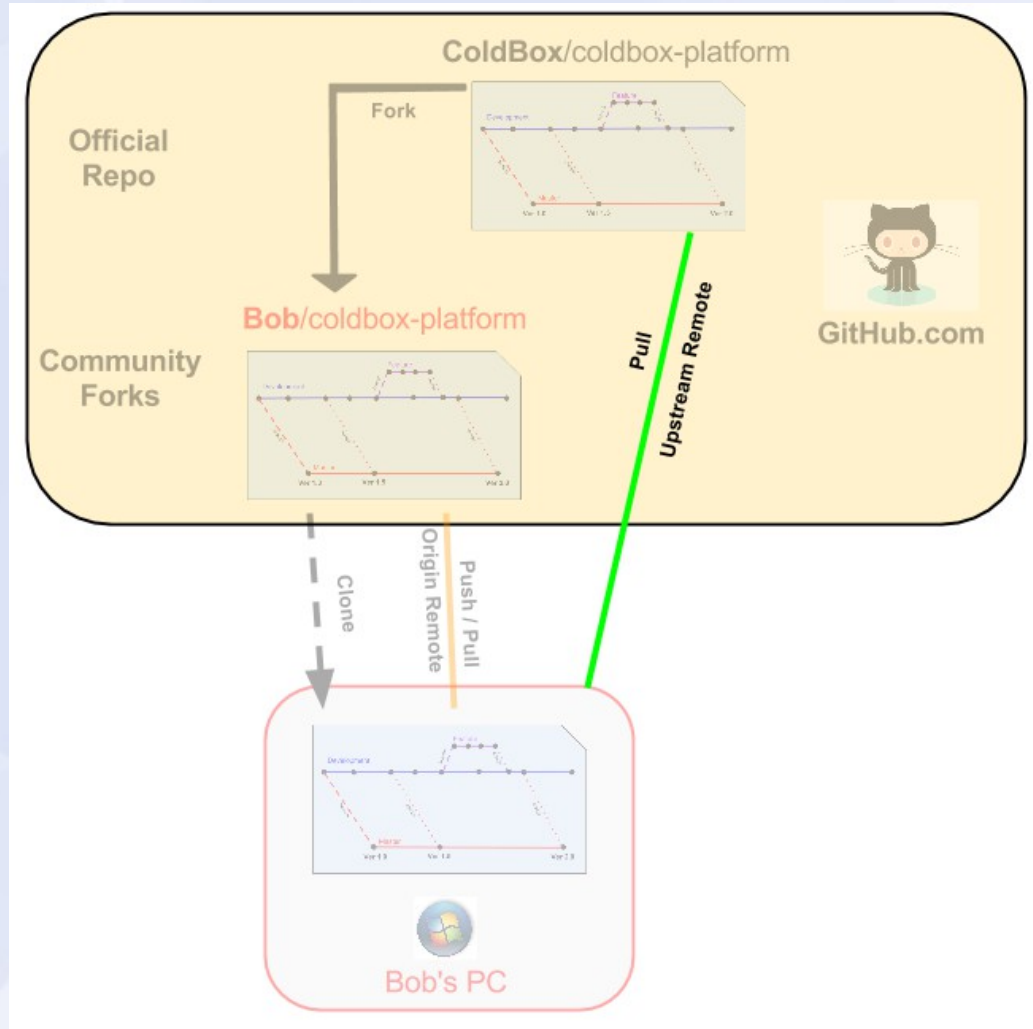




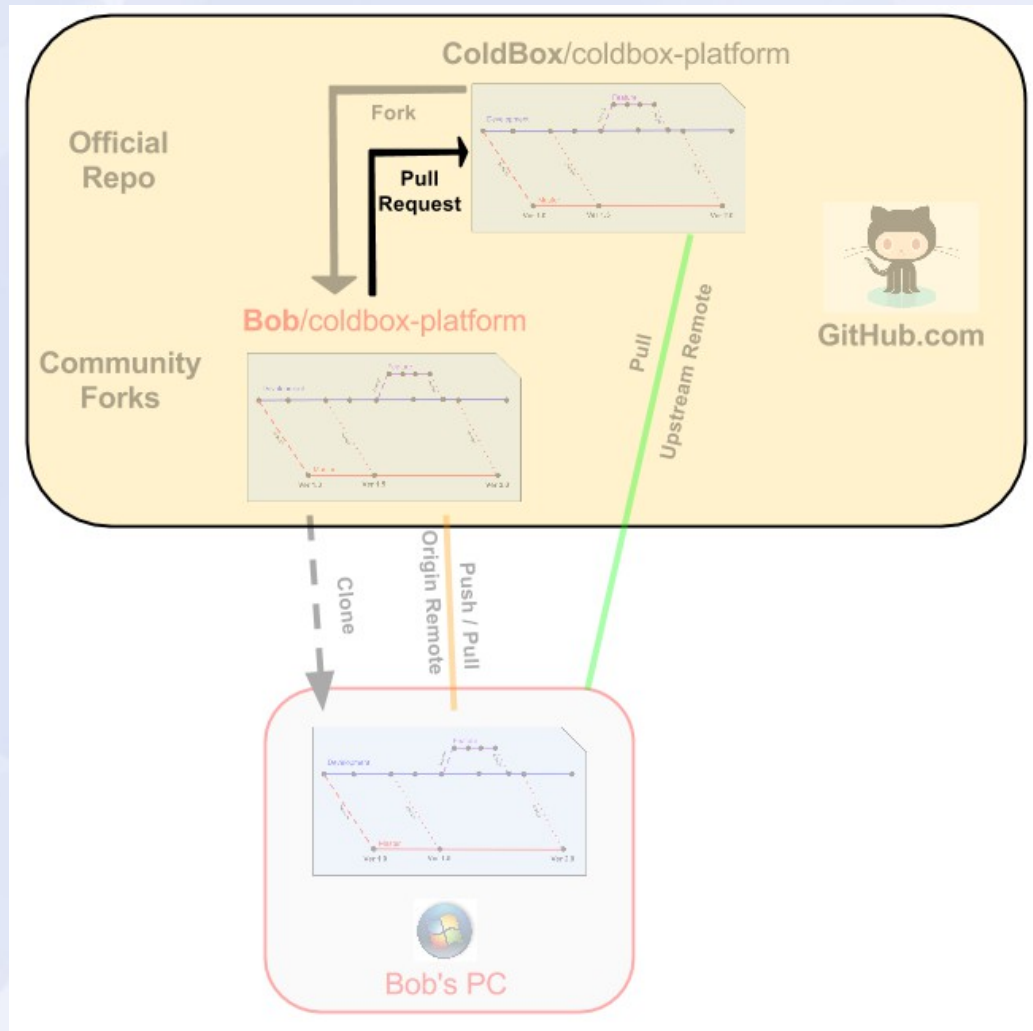
# GitHub Model



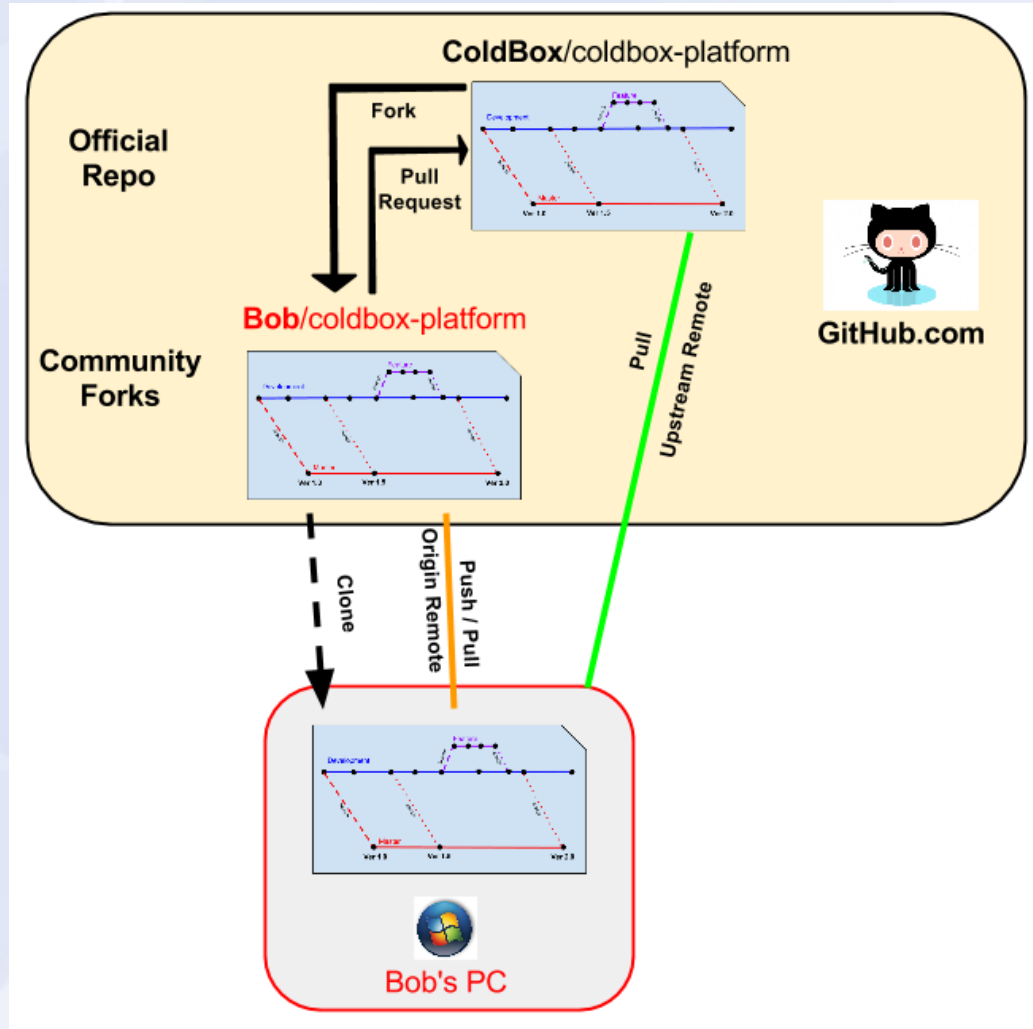
# GitHub Model



# GitHub Model



# GitHub Model



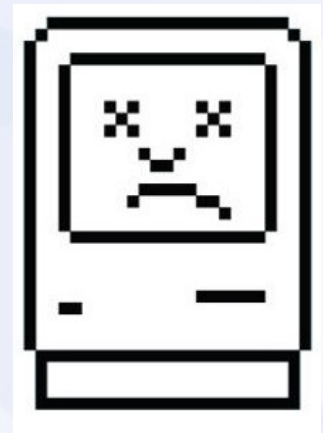
# What You Need

- GitHub account
- Git client
  - IDE plugins like eGit
  - GitHub for Windows
  - SourceTree
  - SmartGit
- A bit of time and patience




# Demos

- Forking a repository on GitHub
- Cloning a repository locally
- Making changes
- Submitting a pull request















CommandBox CLI, Package Manager and more <http://www.forgebox.org>


 137 commits  1 branch  0 releases  3 contributors

 branch: **master** **box-cli** / 

fixed executable path for server start

 **denuno** authored 20 hours ago latest commit 200042851a 

 <b>apidocs</b>	Added api docs so we can add to build and auto-generate for internal ...	12 days ago
 <b>build</b>	added server start, stop, status, forget, log and enabled direct comm...	a day ago
 <b>lib</b>	added jars for testing	21 days ago
 <b>src</b>	fixed executable path for server start	20 hours ago
 <b>tests</b>	Moved system commands	6 days ago
 <b>.gitignore</b>	added server start, stop, status, forget, log and enabled direct comm...	a day ago
 <b>.project</b>	Created global utility class template, userconfig template, more synt...	12 days ago
 <b>box-cli</b>	initial commit	22 days ago
 <b>box-cli.bat</b>	updates for automated testing and shell tweaks	21 days ago
 <b>readme.txt</b>	Added api docs so we can add to build and auto-generate for internal ...	12 days ago

 Code


 Pull Requests 0


 Pulse


 Graphs


 Network

SSH clone URL



You can clone with [HTTPS](#), [SSH](#), or [Subversion](#). 

 Clone in Desktop

 Download ZIP

PUBLIC



Ortus-Solutions / **box-cli**

Unwatch 3

★ Star 1

Fork 1

CommandBox CLI, Package Manager and more <http://www.forgebox.org>

137 commits

1 branch

0 releases

3 contributors



branch: master

**box-cli** /

fixed executable path for server start



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Code

Pull Requests 0

Pulse

Graphs

Network

SSH clone URL

git@github.com:Ort

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop

Download ZIP

PUBLIC



**bdw429s / box-cli**

forked from [Ortus-Solutions/box-cli](#)









+ create refresh tools


## Local


 repositories

## GitHub

-  bdw429s
-  cf-runnable
-  ColdBox
-  guardly
-  Ortus-Solutions
-  teamcfadvance

box-cli

 bdw429s/box-cli **CLONE**

 drag a repository here to add

bdw429s/box-cli

sync master

No uncommitted changes

## fixes for slashes on mac

Luis Majano 02c1997 expand all github revert roll back

### History

fixed executable path for server st...  
20 hours ago by denuno

fixed port set  
22 hours ago by denuno

Merge branch 'develop'  
23 hours ago by denuno

added server start, stop, status, fo...  
23 hours ago by denuno

Merge branch 'master' of github.c...  
1 day ago by Luis Majano

fixes for slashes on mac  
1 day ago by Luis Majano

src\cfml\commands\coldbox\create\controller.cfc 66

src\cfml\commands\coldbox\create\interceptor.cfc 48

src\cfml\commands\coldbox\create\model.cfc 46

src\cfml\commands\forgebox\search.cfc 80

src\cfml\system\Shell.cfc 27

src\cfml\system\util\FileSystem.cfc 16



bdw429s/box-cli

sync master

No uncommitted changes

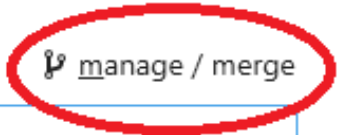
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23 hours ago by denuno
- Merge branch 'master' of github.c...  
1 day ago by Luis Majano
- fixes for slashes on mac**  
1 day ago by Luis Majano

### fixes for slashes

Luis Majano 02c1

Branches	
Filter or Create New	
master	✓
src\cfml\commands\coldbox\create\interceptor.cfc	48
src\cfml\commands\coldbox\create\model.cfc	46
src\cfml\commands\forgebox\search.cfc	80
src\cfml\system\Shell.cfc	27
src\cfml\system\util\FileSystem.cfc	16





< bdw429s

## Current branch

No uncommitted

↑ master



**denuno**

fixed executable path for...



Unpublish

BRANCH

new branch will be created off: **master**

## History



fixed executab  
20 hours ago by



fixed port set  
22 hours ago by



Merge branch  
23 hours ago by



added server s  
23 hours ago by



Merge branch  
1 day ago by Lui



fixes for slash  
1 day ago by Lui

## Branches

None found

## Merge

drag branch here

drag branch here



Merge

bdw429s/box-cli

publis myFixes

No uncommitted changes

### History

- fixed executable path for server st...  
20 hours ago by denuno
- fixed port set  
22 hours ago by denuno
- Merge branch 'develop'  
23 hours ago by denuno
- added server start, stop, status, fo...  
23 hours ago by denuno
- Merge branch 'master' of github.c...  
1 day ago by Luis Majano
- fixes for slashes on mac  
1 day ago by Luis Majano

No local changes  
Would you like to [open this repository](#) in Explorer?

```
ColdFusion - CommandBox/readme.txt - Adobe ColdFusion Builder 2
File Edit Navigate Search Project Run Window Help
ColdFusion
Application.cfc index.cfm getSetDocs.cfm CouchbaseConfig.cfc queryView1.cfm queryView2.cfm readme.txt x
61 *****
62 COMMANDBOX COMMANDS
63 *****
64 CommandBox is extensible via command CFCs. Any CFC in the
65 ${box.home}/commands directory will be added registered as a command as
66 long as it extends commandbox.system.BaseCommand and has a run() method.
67 CFCs that are nested in subfolders, will create multi-part command names Ex:
68 ${box.home}/commands/testbox/run.cfc.
69 That would create a two-part command called "testbox run"
70 Everything after the command is considered parameters.
71
72 These extension CFCs have the Shell object passed to their init().
73
74 Tab completion and help are powered by metadata on these CFCs. If you would like
75 to use a friendlier name for your command, add the attribute "aliases" to the cor
76 which is a comma-delimited list of names
77
78 dir.cfc
79 /**
80 * List directories
```

Uncommitted changes

hide

Fixed readme

Description



Commit to myFixes  
1 file to be committed

History



fixed executable path for server st...  
20 hours ago by denuno



fixed port set  
22 hours ago by denuno



Merge branch 'develop'  
23 hours ago by denuno



added server start, stop, status, fo...

Files to commit

collapse all

readme.txt

old	new
...	@@ -62,11 +62,11 @@ Type "help [command]" for in-depth descriptions.
62	62 COMMANDBOX COMMANDS
63	63 *****
64	64 CommandBox is extensible via command CFCs. Any CFC in the
65	65 - \${box.home}/cfml/cli/commands directory will be added registered as a command as
66	66 - long as it extends cli.BaseCommand and has a run() method.
65	65 + \${box.home}/commands directory will be added registered as a command as
66	66 + long as it extends commandbox.system.BaseCommand and has a run() method.
67	67 CFCs that are nested in subfolders, will create multi-part command names Ex:
68	68 - \${box.home}/cfml/cli/oldbox/init_cfc

bdw429s/box-cli

publish myFixes

Click to publish this branch to the server.

No uncommitted changes

### Unsynced commits

Fixed readme  
just now by Brad Wood

### History

fixed executable path for server st...  
21 hours ago by denuno

fixed port set  
22 hours ago by denuno

Merge branch 'develop'  
23 hours ago by denuno



added server start, stop, status, fo...  
23 hours ago by denuno

## No local changes

Would you like to [open this repository](#) in Explorer?





## CommandBox CLI, Package Manager and more <http://www.forgebox.org> — Edit










 137 commits     2 branches     0 releases     3 contributors









Your recently pushed branches:

 **myFixes** (7 minutes ago) 

 branch: **master** ▾ **box-cli** / 

This branch is 0 commits ahead and 0 commits behind master  Pull Request  Compare

fixed executable path for server start		
	denuno authored 21 hours ago	latest commit 200042851a 
	apidocs Added api docs so we can add to build and auto-generate for internal ...	12 days ago
	build added server start, stop, status, forget, log and enabled direct comm...	a day ago
	lib added jars for testing	21 days ago
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	.project Created global utility class template, userconfig template, more synt...	12 days ago
	box-cli initial commit	22 days ago

      **SSH**   You or S

PUBLIC  bdw429s / box-cli  
forked from Ortus-Solutions/box-cli

 Unwatch ▾ 1

 Star 0




This repository ▾ Search or type a command 🔍

Explore Gist Blog Help

 bdw429s + ▾

PUBLIC  bdw429s / box-cli  
forked from Ortus-Solutions/box-cli

 Unwatch ▾ 1

 Star 0

 Fork



base fork: Ortus-Solutions/box-cli ▾

base: master ▾

head fork: bdw429s/box-cli ▾

compare: myFixes ▾



Fixed readme

Write

Preview

 Parsed as Markdown  Edit in fullscreen

Updated file paths in the readme to reflect the new domain-oriented structure

Attach images by dragging & dropping, selecting them, or pasting from the clipboard.





✓ Able to merge


These branches can be automatically merged

Send pull request

## ← Fixed readme #1

 **Merged** bdw429s merged 1 commit into `Ortus-Solutions:master` from `bdw429s:myFixes` less than a minute ago

 Conversation 0

 Commits 1

 Files changed 1





bdw429s commented just now



Collaborator





Updated file paths in the readme to reflect the new domain-oriented structure

  Fixed readme

cde7266


  bdw429s merged commit `c698cf1` into `Ortus-Solutions:master` from `bdw429s:myFixes` just now

  bdw429s closed this just now



**Pull request successfully merged and closed**

You're all set—the `bdw429s:myFixes` branch can be safely deleted.

 Delete branch

# Questions?

**Brad Wood**

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[brad@bradwood.com](mailto:brad@bradwood.com)

[@bdw429s](#)

[github.com/bdw429s](https://github.com/bdw429s)