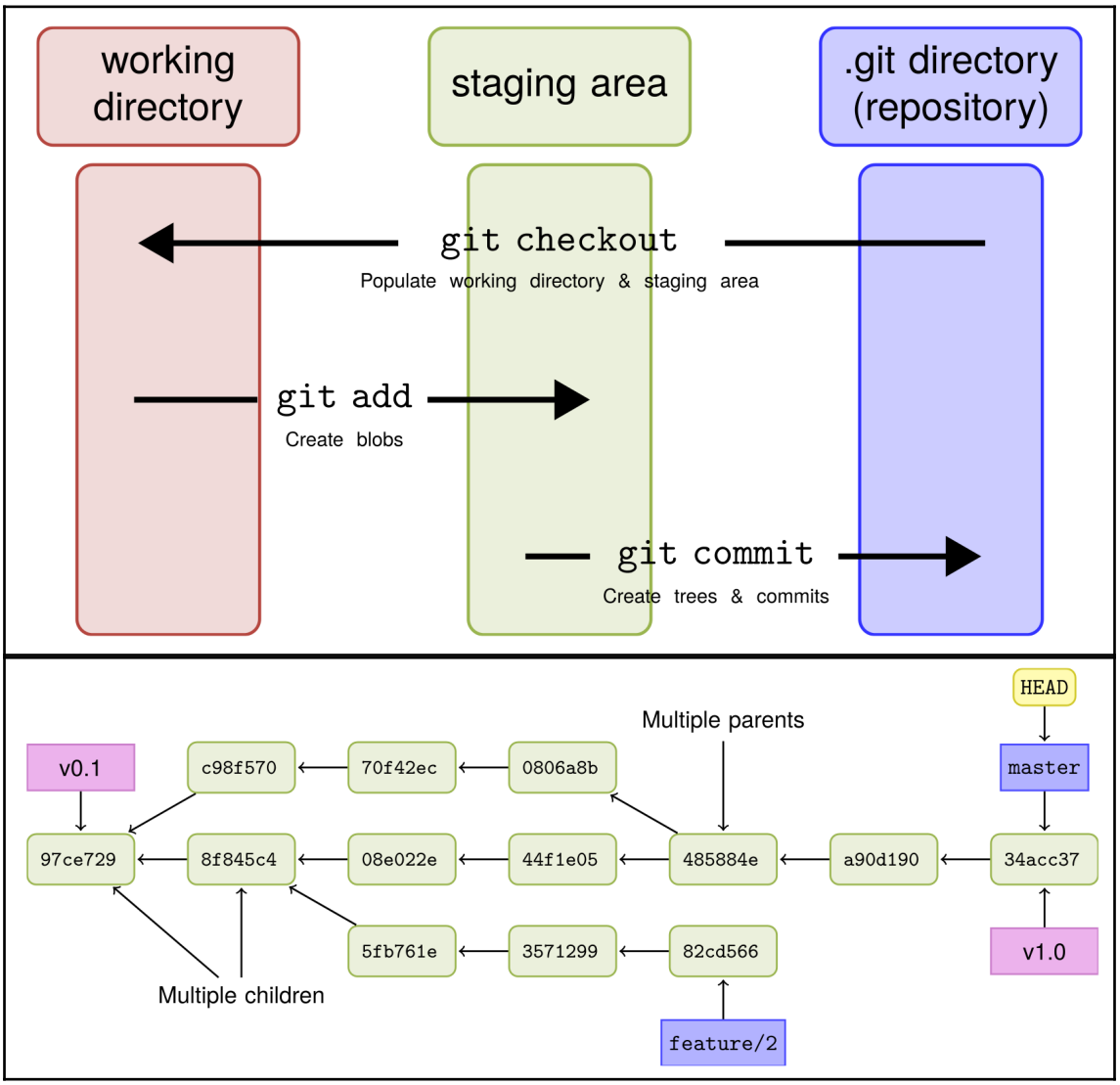
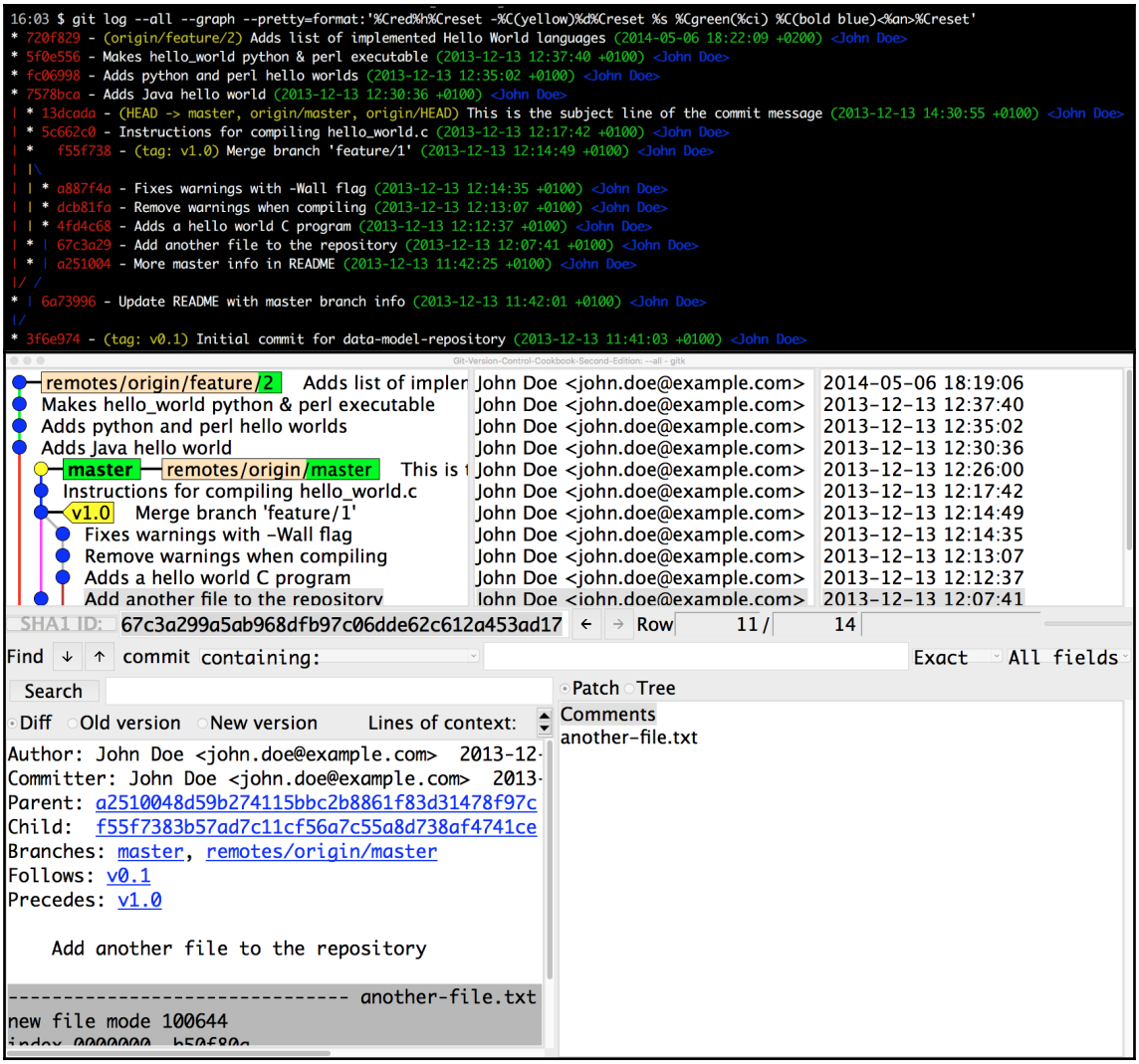
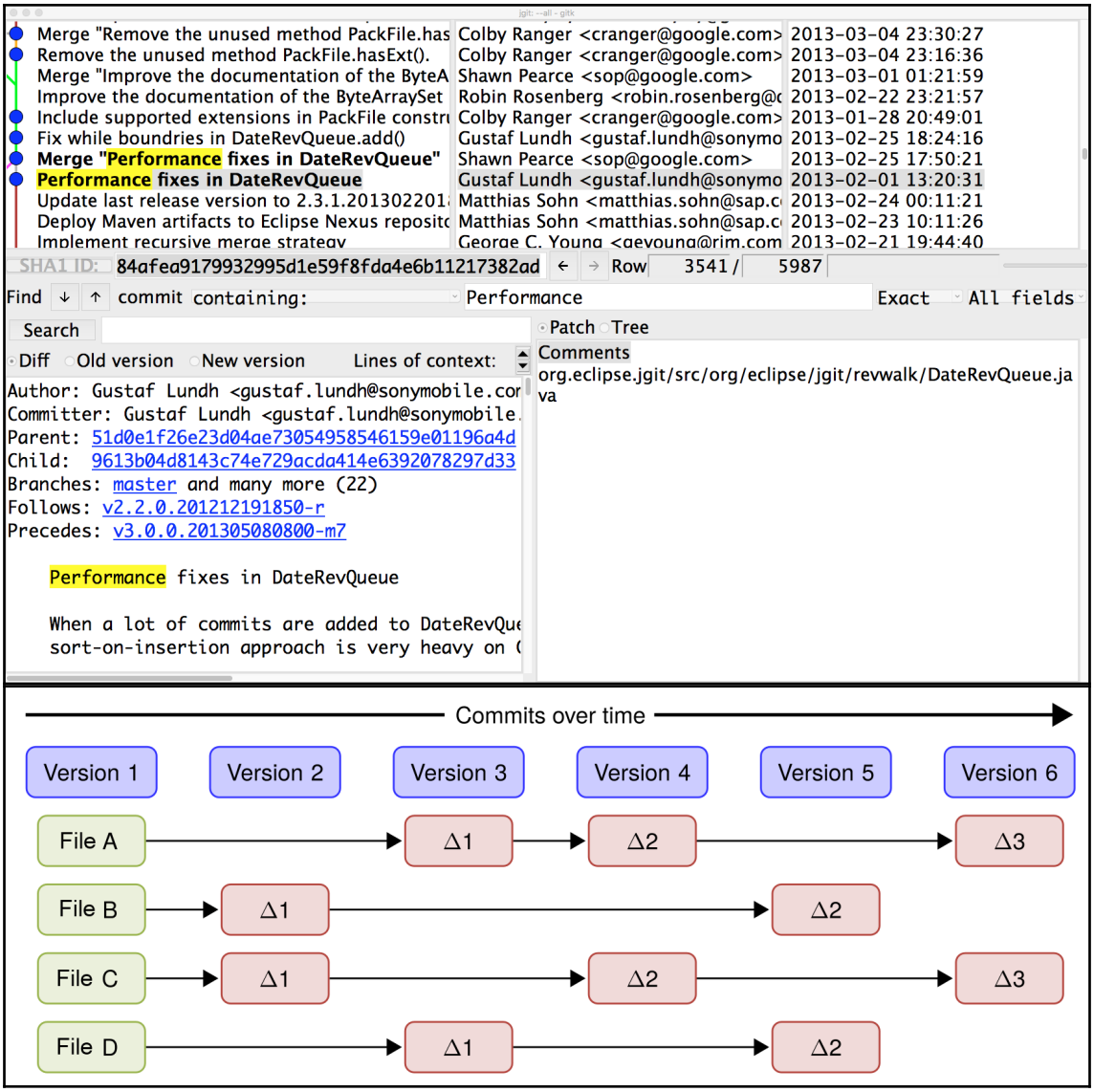
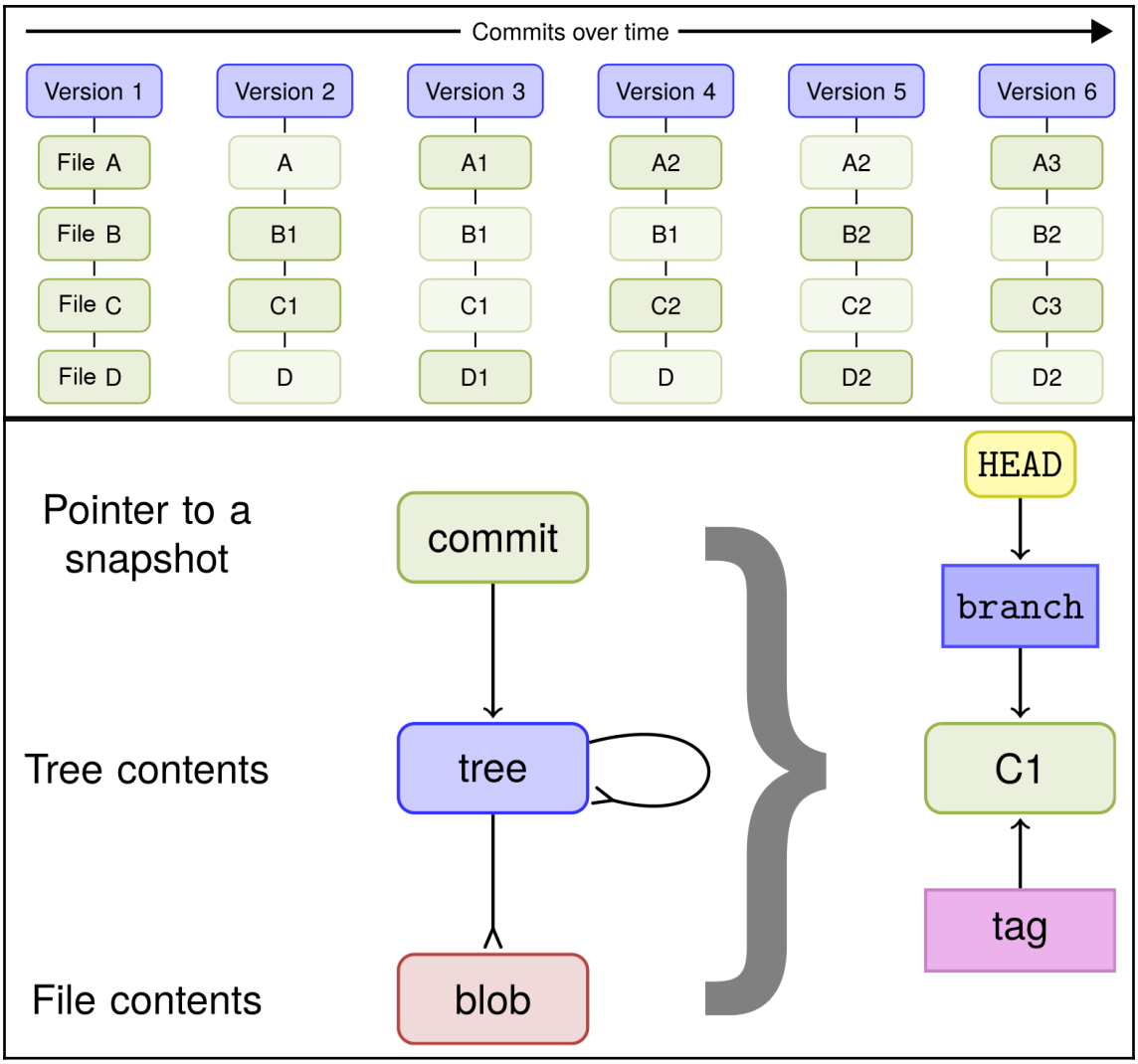
Chapter 1: Navigating Git



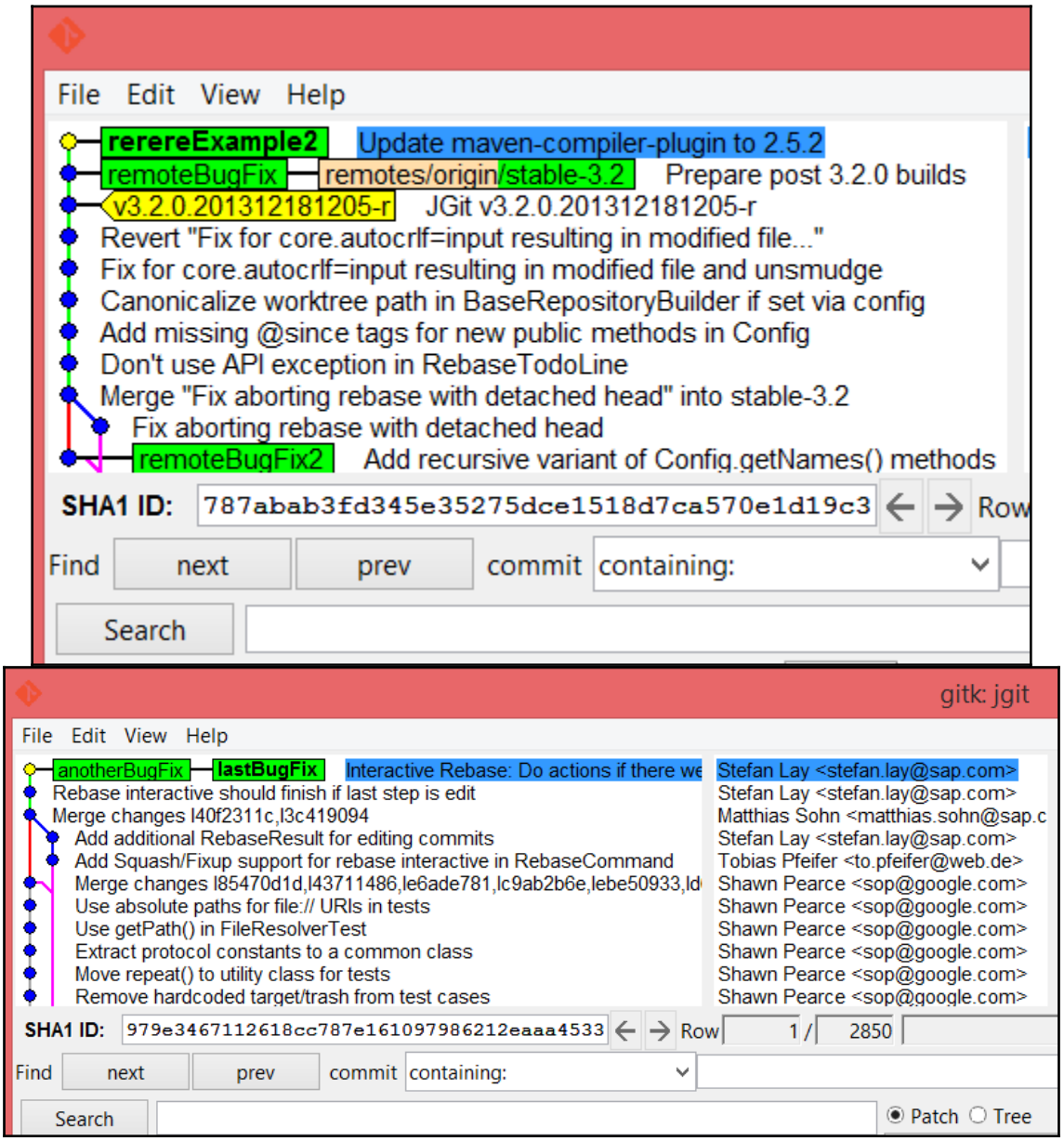

16:03 $ git log --all --graph --pretty=format:'%Cred%h%Creset -%C(yellow)%d%Creset %s %Cgreen(%ci) %C(bold blue)<%an>%Creset'
* 720f829 - (origin/feature/2) Adds list of implemented Hello World languages (2014-05-06 18:22:09 +0200) <John Doe>
* 5f0e556 - Makes hello_world python & perl executable (2013-12-13 12:37:40 +0100) <John Doe>
* fc06998 - Adds python and perl hello worlds (2013-12-13 12:35:02 +0100) <John Doe>
* 7578bca - Adds Java hello world (2013-12-13 12:30:36 +0100) <John Doe>
| * 13dcada - (HEAD -> master, origin/master, origin/HEAD) This is the subject line of the commit message (2013-12-13 14:30:55 +0100) <John Doe>
| * 5c662c0 - Instructions for compiling hello_world.c (2013-12-13 12:17:42 +0100) <John Doe>
| *   f55f738 - (tag: v1.0) Merge branch 'feature/1' (2013-12-13 12:14:49 +0100) <John Doe>
| |\
| | * a887f4a - Fixes warnings with -Wall flag (2013-12-13 12:14:35 +0100) <John Doe>
| | * dcb81fa - Remove warnings when compiling (2013-12-13 12:13:07 +0100) <John Doe>
| | * 4fd4c68 - Adds a hello world C program (2013-12-13 12:12:37 +0100) <John Doe>
| * | 67c3a29 - Add another file to the repository (2013-12-13 12:07:41 +0100) <John Doe>
| * | a251004 - More master info in README (2013-12-13 11:42:25 +0100) <John Doe>
|/ /
* | 6a73996 - Update README with master branch info (2013-12-13 11:42:01 +0100) <John Doe>
|/
* 3f6e974 - (tag: v0.1) Initial commit for data-model-repository (2013-12-13 11:41:03 +0100) <John Doe>
Git-Version-Control-Cookbook-Second-Edition: --all - gitk
remotes/origin/feature/2 Adds list of impler John Doe <john.doe@example.com> 2014-05-06 18:19:06
Makes hello_world python & perl executable John Doe <john.doe@example.com> 2013-12-13 12:37:40
Adds python and perl hello worlds John Doe <john.doe@example.com> 2013-12-13 12:35:02
Adds Java hello world John Doe <john.doe@example.com> 2013-12-13 12:30:36
master remotes/origin/master This is t John Doe <john.doe@example.com> 2013-12-13 12:26:00
Instructions for compiling hello_world.c John Doe <john.doe@example.com> 2013-12-13 12:17:42
v1.0 Merge branch 'feature/1' John Doe <john.doe@example.com> 2013-12-13 12:14:49
Fixes warnings with -Wall flag John Doe <john.doe@example.com> 2013-12-13 12:14:35
Remove warnings when compiling John Doe <john.doe@example.com> 2013-12-13 12:13:07
Adds a hello world C program John Doe <john.doe@example.com> 2013-12-13 12:12:37
Add another file to the repository John Doe <john.doe@example.com> 2013-12-13 12:07:41
SHA1 ID: 67c3a299a5ab968dfb97c06dde62c612a453ad17
Row 11 / 14
Find commit containing:
Exact All fields
Search
Patch Tree
Diff Old version New version Lines of context:
Comments
another-file.txt
Author: John Doe <john.doe@example.com> 2013-12-
Committer: John Doe <john.doe@example.com> 2013-
Parent: a2510048d59b274115bbc2b8861f83d31478f97c
Child: f55f7383b57ad7c11cf56a7c55a8d738af4741ce
Branches: master, remotes/origin/master
Follows: v0.1
Precedes: v1.0
Add another file to the repository
---------- another-file.txt
new file mode 100644

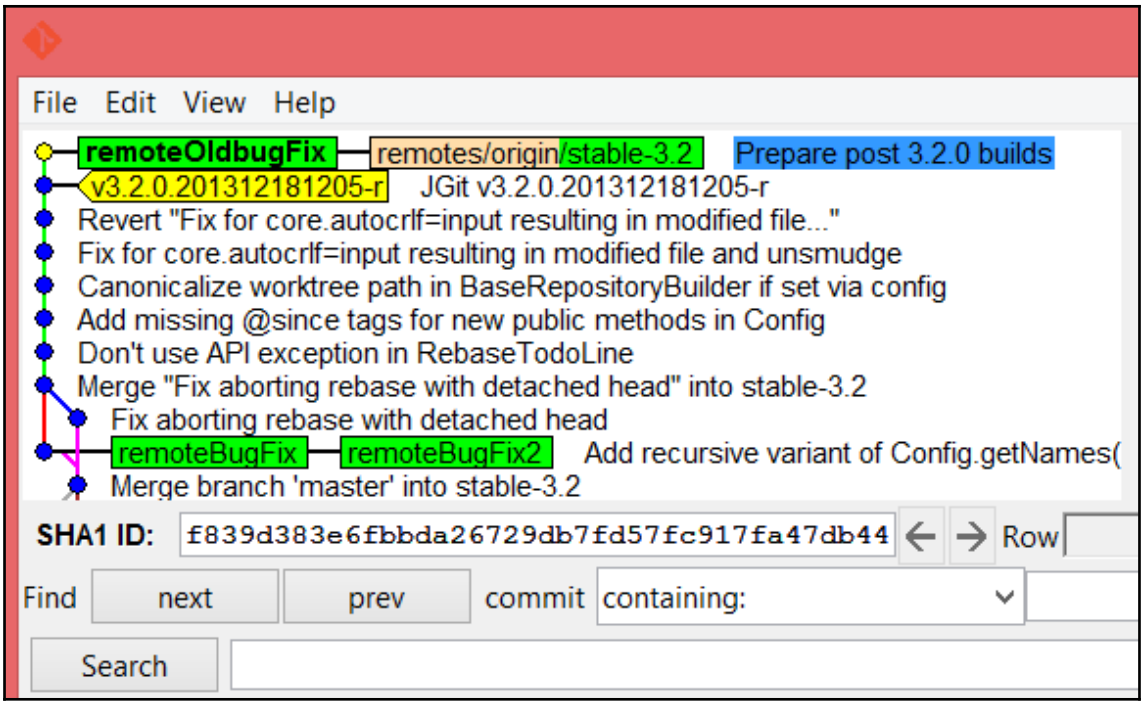

Merge "Remove the unused method PackFile.has Colby Ranger <cranger@google.com> 2013-03-04 23:30:27
Remove the unused method PackFile.hasExt(). Colby Ranger <cranger@google.com> 2013-03-04 23:16:36
Merge "Improve the documentation of the ByteA Shawn Pearce <sop@google.com> 2013-03-01 01:21:59
Improve the documentation of the ByteArraySet Robin Rosenberg <robin.rosenberg@ 2013-02-22 23:21:57
Include supported extensions in PackFile constr Colby Ranger <cranger@google.com> 2013-01-28 20:49:01
Fix while boundries in DateRevQueue.add() Gustaf Lundh <gustaf.lundh@sonymo 2013-02-25 18:24:16
Merge "Performance fixes in DateRevQueue" Shawn Pearce <sop@google.com> 2013-02-25 17:50:21
Performance fixes in DateRevQueue Gustaf Lundh <gustaf.lundh@sonymo 2013-02-01 13:20:31
Update last release version to 2.3.1.201302201 Matthias Sohn <matthias.sohn@sap.c 2013-02-24 00:11:21
Deploy Maven artifacts to Eclipse Nexus reposit Matthias Sohn <matthias.sohn@sap.c 2013-02-23 10:11:26
Implement recursive merge strategy George C. Young <gevoung@rim.com 2013-02-21 19:44:40
SHA1 ID: 84afea9179932995d1e59f8fda4e6b11217382ad
Row 3541 / 5987
Find commit containing: Performance Exact All fields
Search
Diff Old version New version Lines of context:
Author: Gustaf Lundh <gustaf.lundh@sonymobile.cor
Committer: Gustaf Lundh <gustaf.lundh@sonymobile.
Parent: 51d0e1f26e23d04ae73054958546159e01196a4d
Child: 9613b04d8143c74e729acda414e6392078297d33
Branches: master and many more (22)
Follows: v2.2.0.201212191850-r
Precedes: v3.0.0.201305080800-m7
Performance fixes in DateRevQueue
When a lot of commits are added to DateRevQue
sort-on-insertion approach is very heavy on (
Patch Tree
Comments
org.eclipse.jgit/src/org/eclipse/jgit/revwalk/DateRevQueue.ja
va

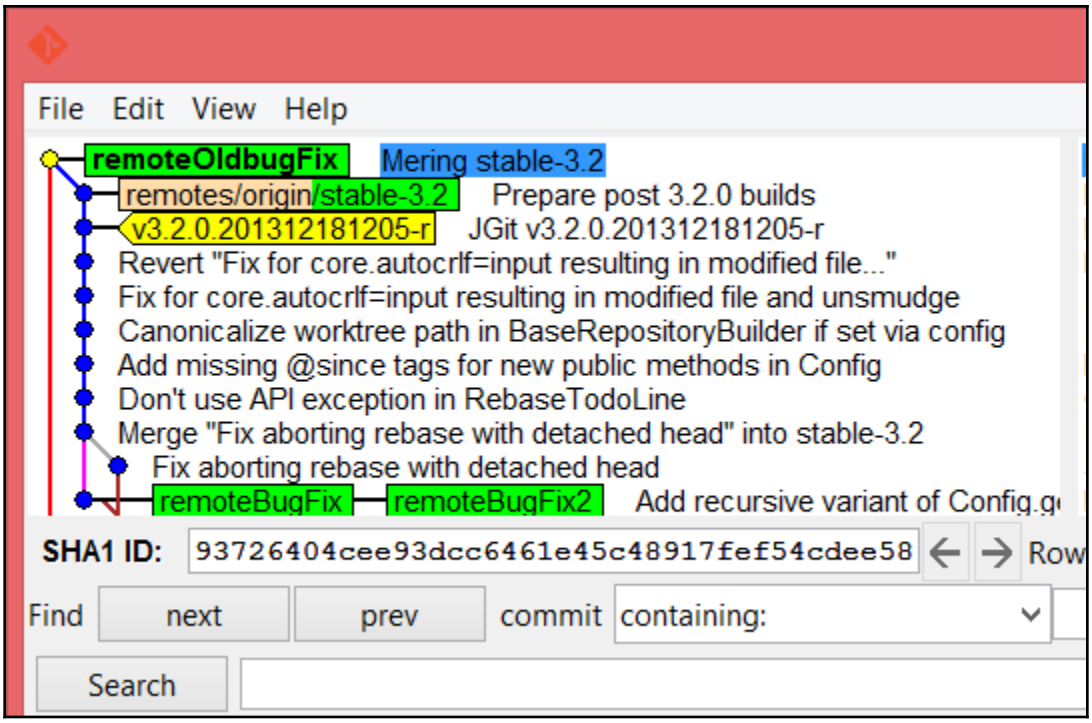
Commits over time
Version 1
Version 2
Version 3
Version 4
Version 5
Version 6
File A
Δ1
Δ2
Δ3
File B
Δ1
Δ2
File C
Δ1
Δ2
Δ3
File D
Δ1
Δ2


Commits over time
Version 1
Version 2
Version 3
Version 4
Version 5
Version 6
File A
File B
File C
File D
A
B1
C1
D
A1
B1
C1
D1
A2
B1
C2
D
A2
B2
C2
D2
A3
B2
C3
D2
Pointer to a snapshot
Tree contents
File contents
commit
tree
blob
HEAD
branch
C1
tag

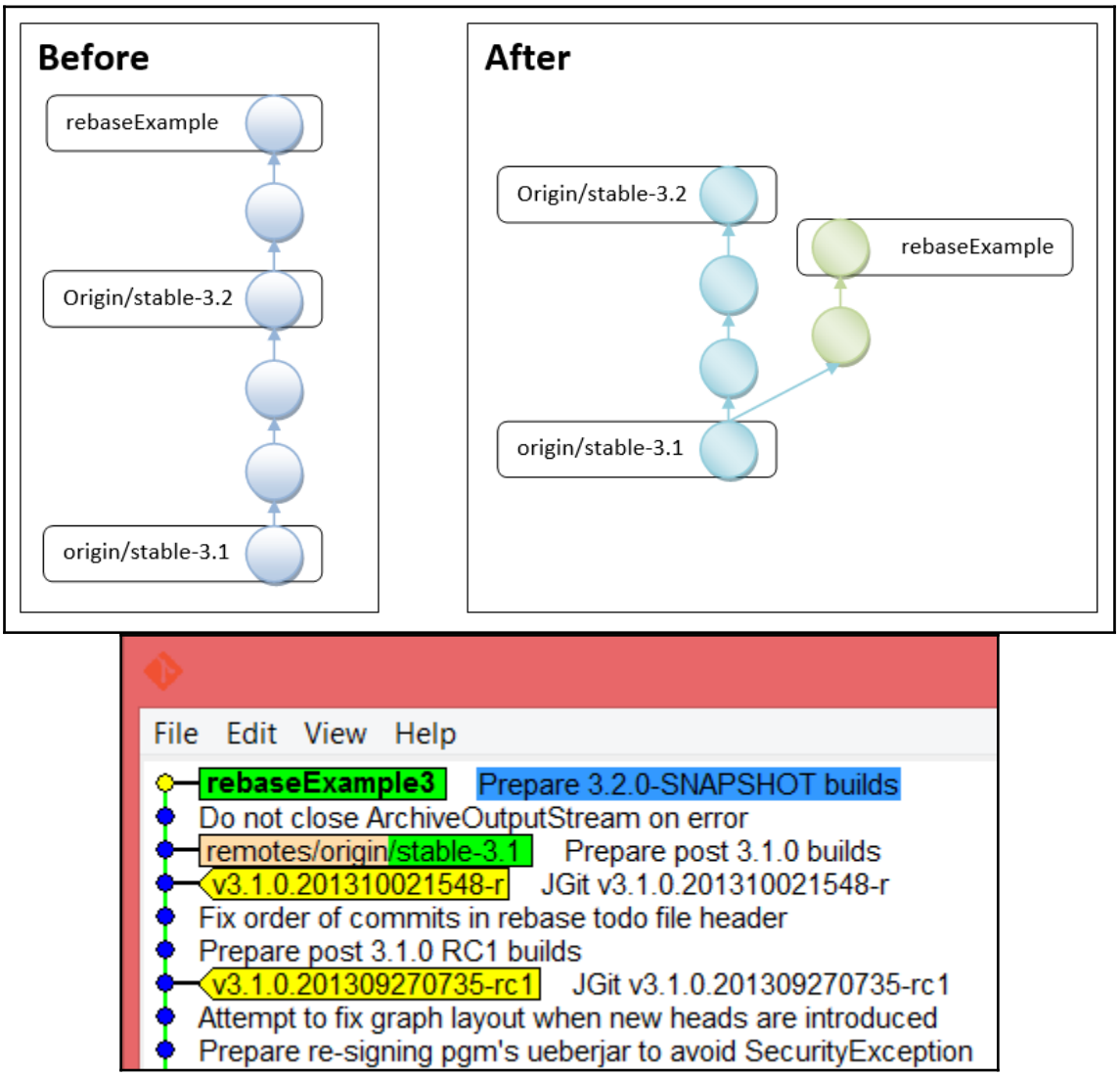
Chapter 3: Branching, Merging, and Options

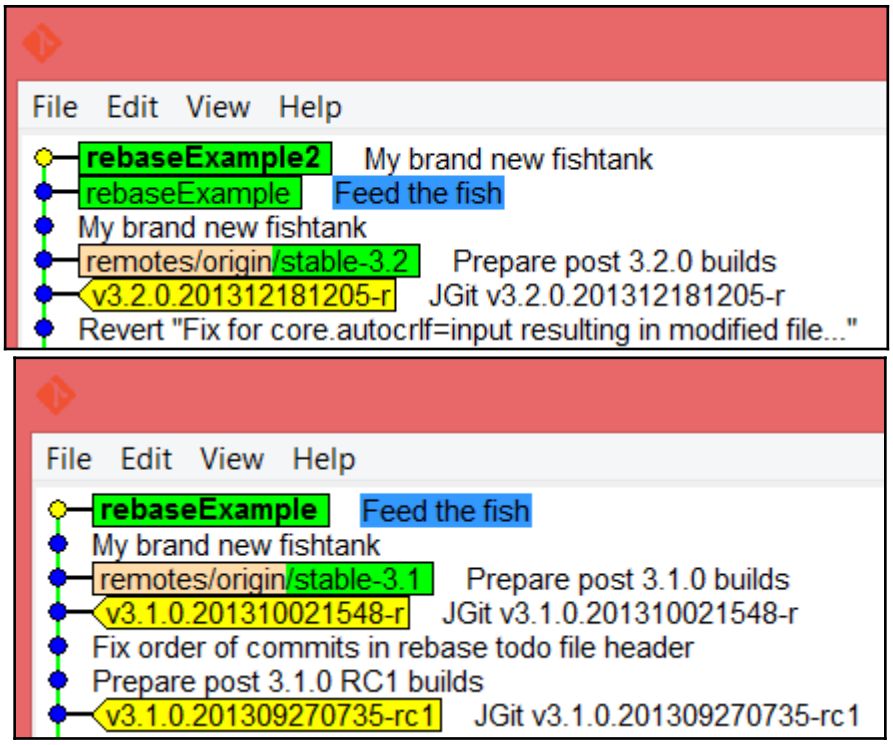



File Edit View Help
remoteOldbugFix
remotes/origin/stable-3.2
Prepare post 3.2.0 builds
v3.2.0.201312181205-r
JGit v3.2.0.201312181205-r
Revert "Fix for core.autocrlf=input resulting in modified file..."
Fix for core.autocrlf=input resulting in modified file and unsmudge
Canonicalize worktree path in BaseRepositoryBuilder if set via config
Add missing @since tags for new public methods in Config
Don't use API exception in RebaseTodoLine
Merge "Fix aborting rebase with detached head" into stable-3.2
Fix aborting rebase with detached head
remoteBugFix
remoteBugFix2
Add recursive variant of Config.getNames(
Merge branch 'master' into stable-3.2
SHA1 ID:
f839d383e6fbbda26729db7fd57fc917fa47db44
Row
Find
next
prev
commit
containing:
Search

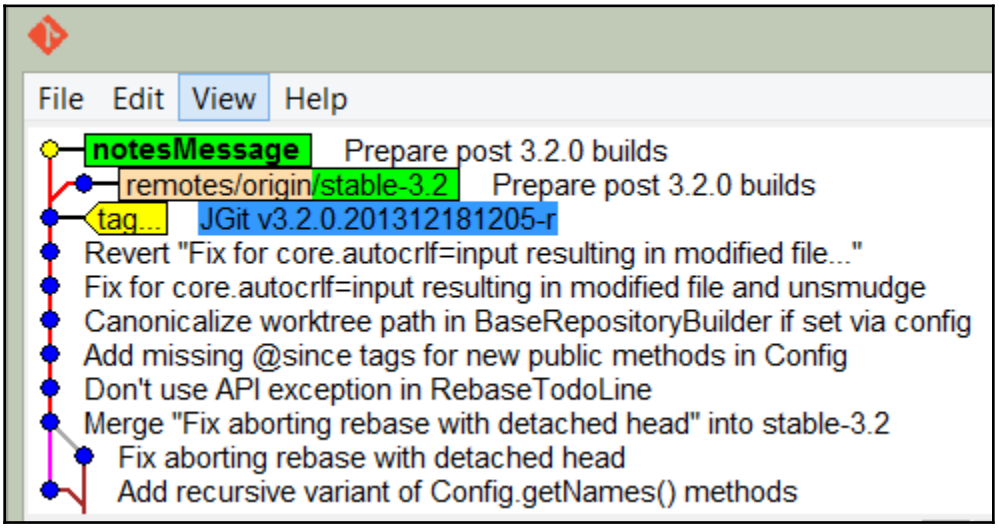

File Edit View Help
remoteOldbugFix
Mering stable-3.2
remotes/origin/stable-3.2
Prepare post 3.2.0 builds
v3.2.0.201312181205-r
JGit v3.2.0.201312181205-r
Revert "Fix for core.autocrlf=input resulting in modified file..."
Fix for core.autocrlf=input resulting in modified file and unsmudge
Canonicalize worktree path in BaseRepositoryBuilder if set via config
Add missing @since tags for new public methods in Config
Don't use API exception in RebaseTodoLine
Merge "Fix aborting rebase with detached head" into stable-3.2
Fix aborting rebase with detached head
remoteBugFix
remoteBugFix2
Add recursive variant of Config.g
SHA1 ID:
93726404cee93dcc6461e45c48917fef54cdee58
Row
Find
next
prev
commit
containing:
Search

Chapter 4: Rebasing Regularly and Interactively, and Other Use Cases

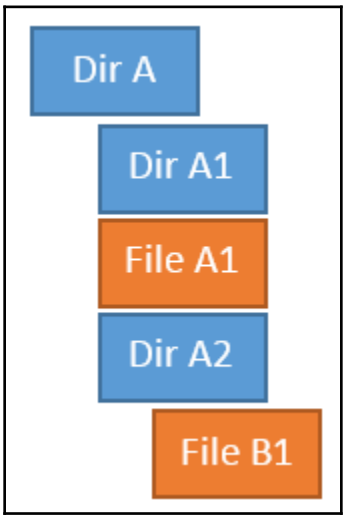



File Edit View Help
rebaseExample2 My brand new fishtank
rebaseExample Feed the fish
My brand new fishtank
remotes/origin/stable-3.2 Prepare post 3.2.0 builds
v3.2.0.201312181205-r JGit v3.2.0.201312181205-r
Revert "Fix for core.autocrlf=input resulting in modified file..."
File Edit View Help
rebaseExample Feed the fish
My brand new fishtank
remotes/origin/stable-3.1 Prepare post 3.1.0 builds
v3.1.0.201310021548-r JGit v3.1.0.201310021548-r
Fix order of commits in rebase todo file header
Prepare post 3.1.0 RC1 builds
v3.1.0.201309270735-rc1 JGit v3.1.0.201309270735-rc1

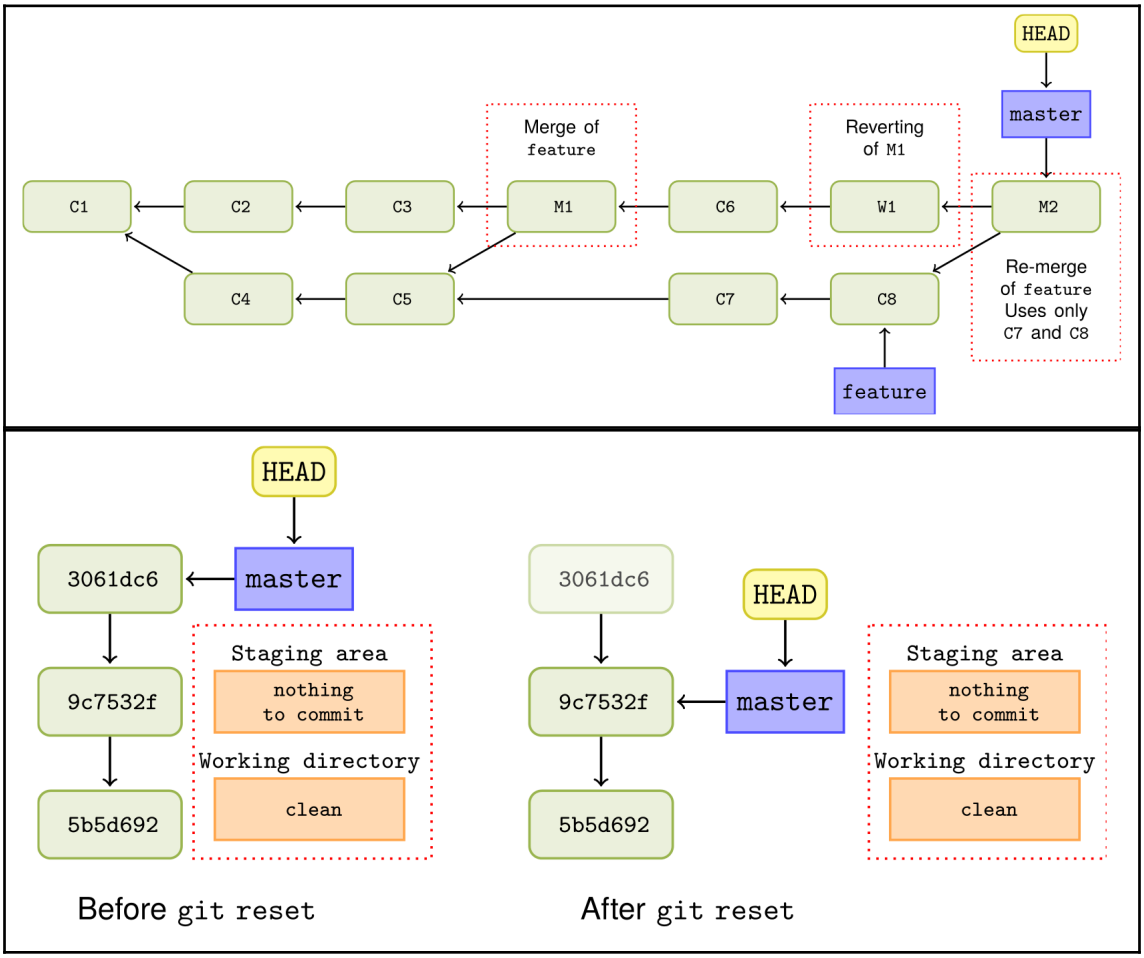
Chapter 5: Storing Additional Information in Your Repository

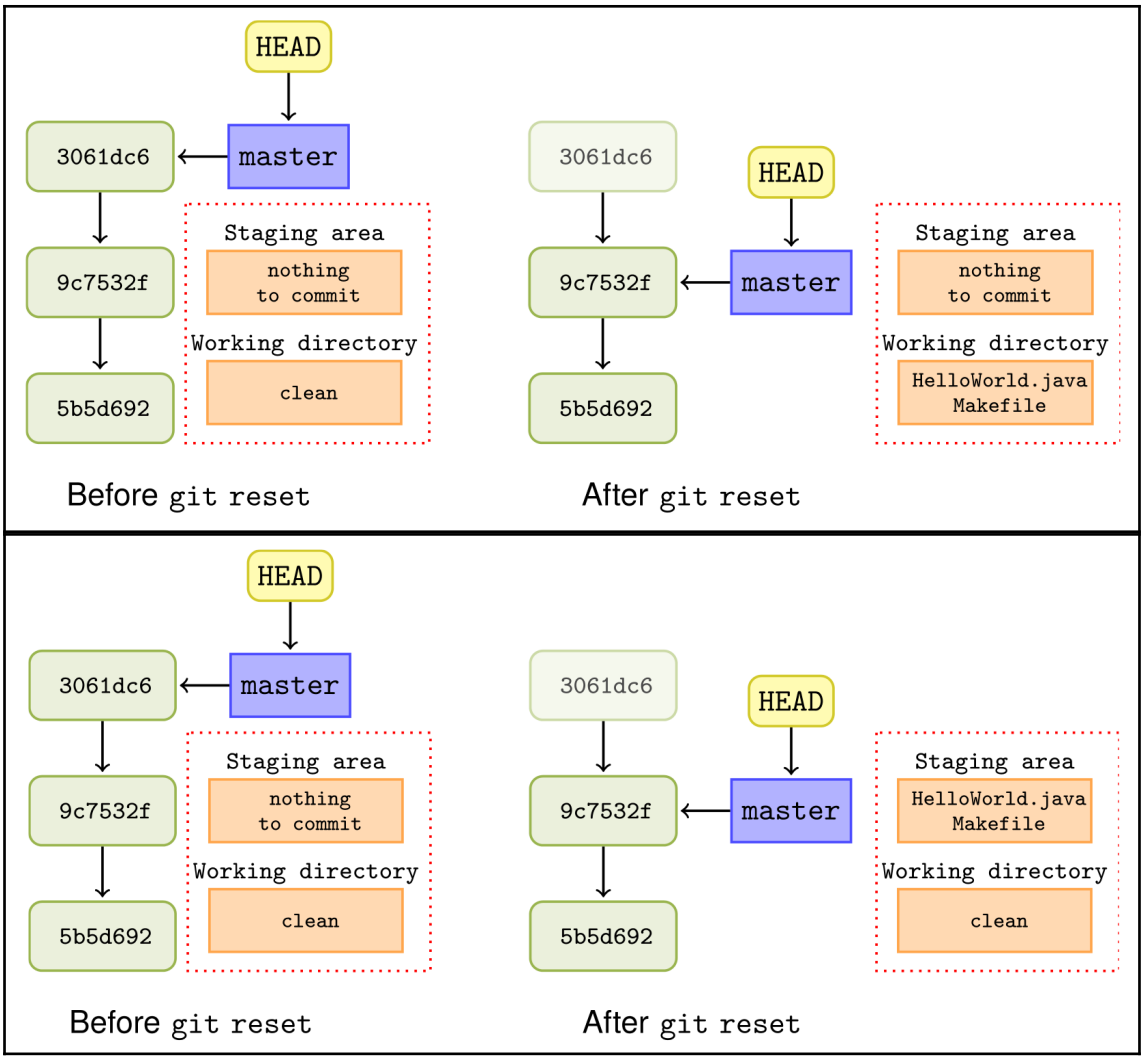


Chapter 6: Extracting Data from the Repository

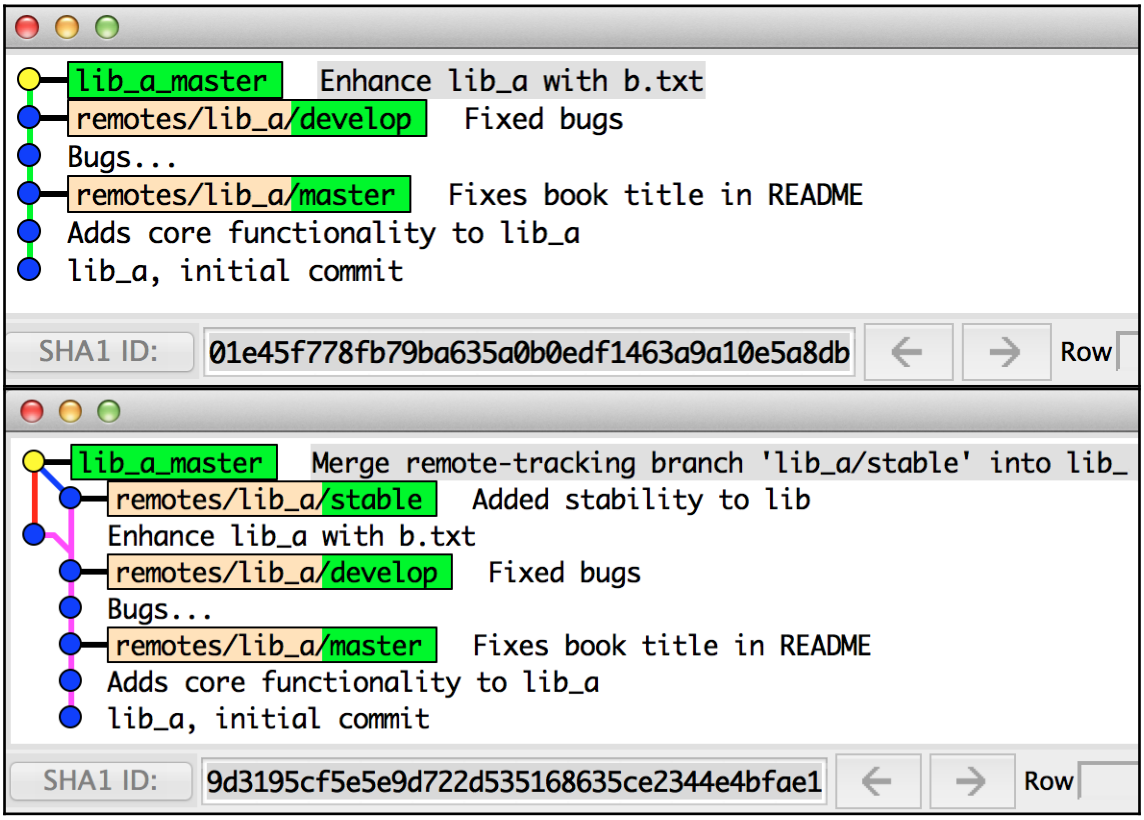


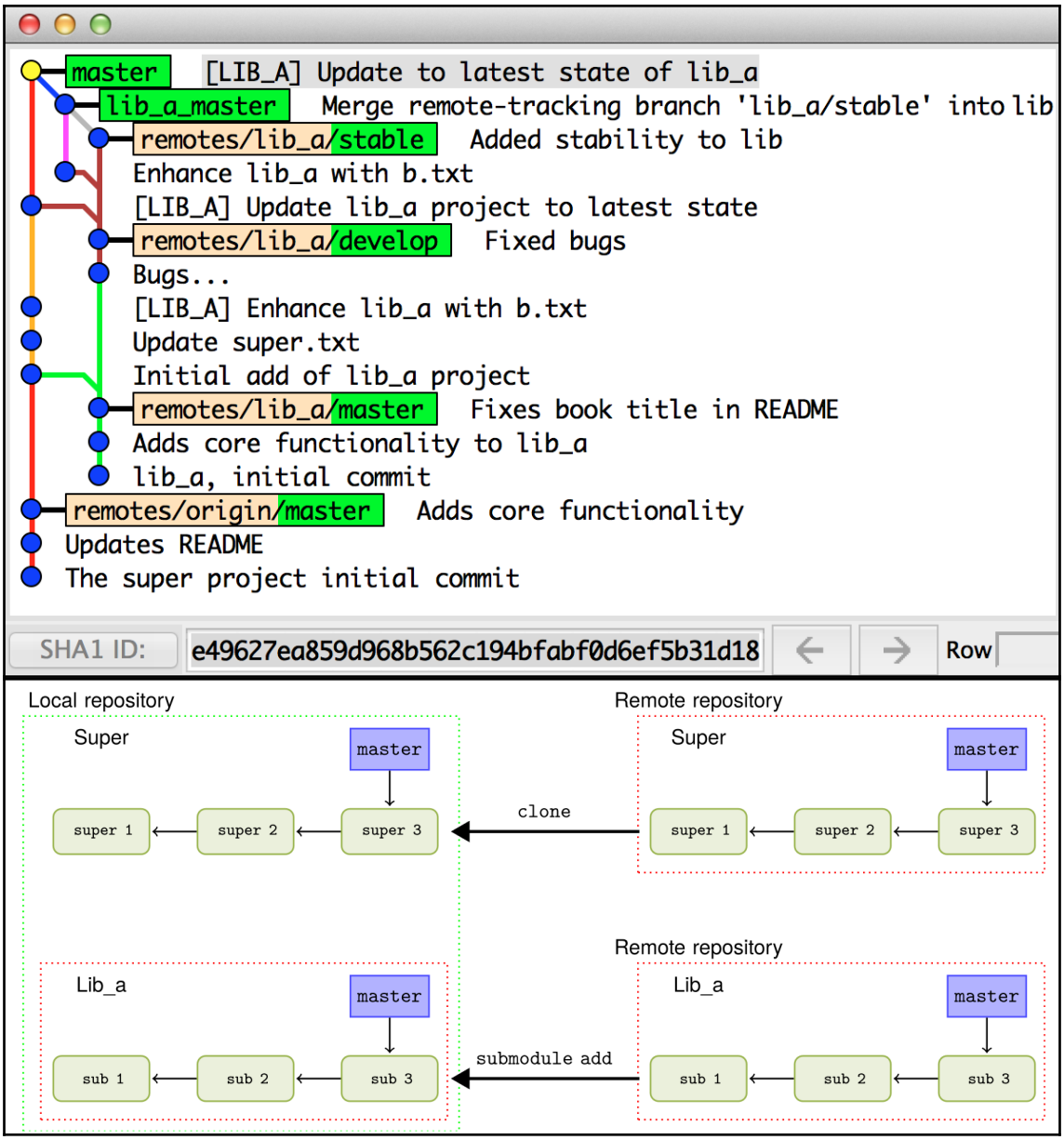
Chapter 8: Recovering from Mistakes

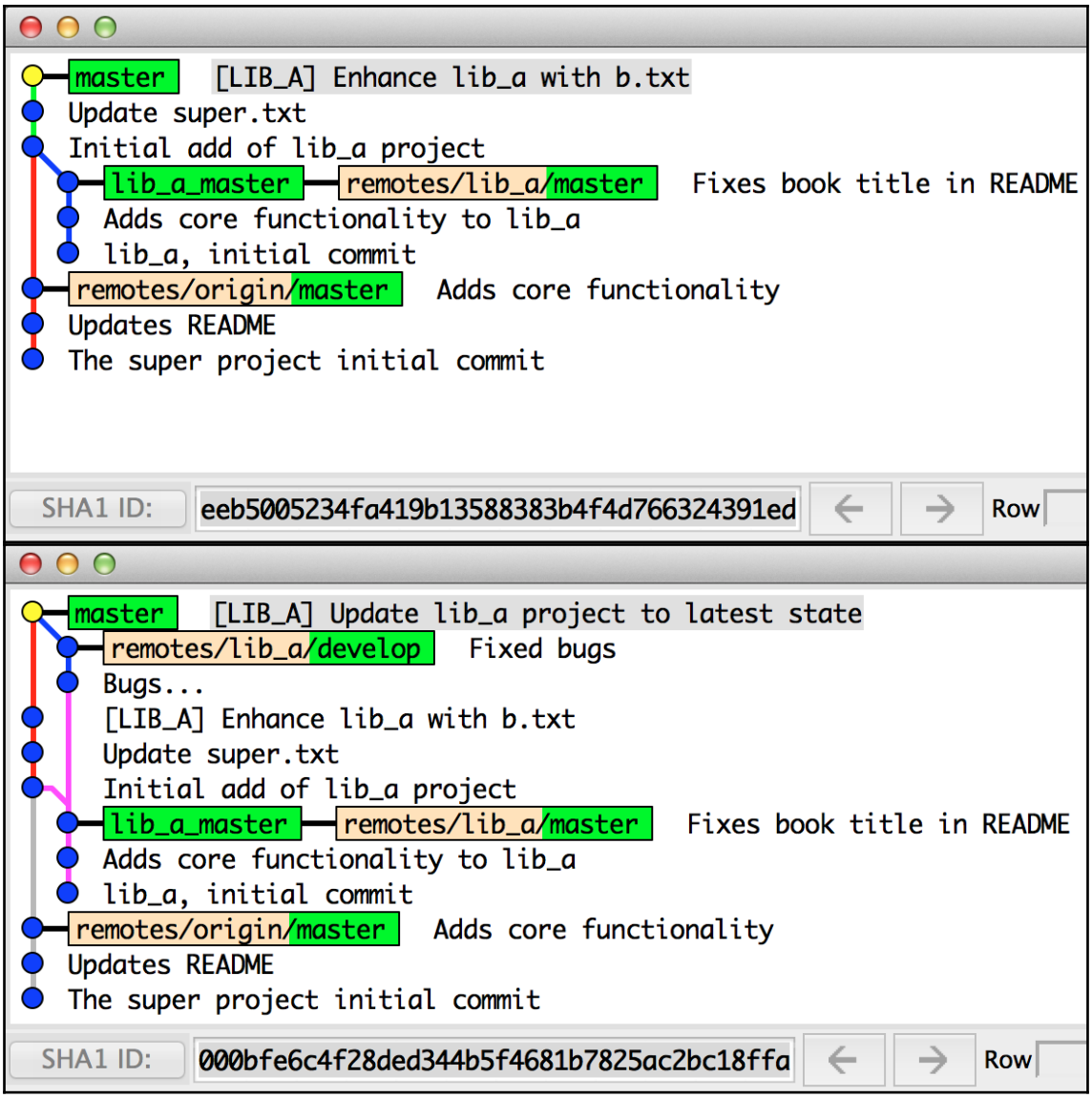



HEAD
master
3061dc6
9c7532f
5b5d692
Staging area
nothing to commit
Working directory
clean
Before git reset
3061dc6
HEAD
9c7532f
master
5b5d692
Staging area
nothing to commit
Working directory
HelloWorld.java
Makefile
After git reset
HEAD
master
3061dc6
9c7532f
5b5d692
Staging area
nothing to commit
Working directory
clean
Before git reset
3061dc6
HEAD
9c7532f
master
5b5d692
Staging area
HelloWorld.java
Makefile
Working directory
clean
After git reset

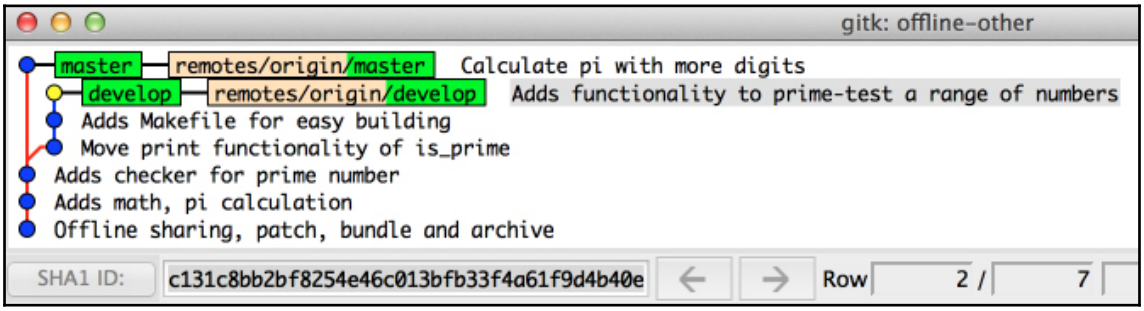
Chapter 9: Repository Maintenance




master [LIB_A] Update to latest state of lib_a
lib_a_master Merge remote-tracking branch 'lib_a/stable' into lib
remotes/lib_a/stable Added stability to lib
Enhance lib_a with b.txt
[LIB_A] Update lib_a project to latest state
remotes/lib_a/develop Fixed bugs
Bugs...
[LIB_A] Enhance lib_a with b.txt
Update super.txt
Initial add of lib_a project
remotes/lib_a/master Fixes book title in README
Adds core functionality to lib_a
lib_a, initial commit
remotes/origin/master Adds core functionality
Updates README
The super project initial commit
SHA1 ID: e49627ea859d968b562c194bfabf0d6ef5b31d18
Row
Local repository
Super
master
super 1
super 2
super 3
clone
Remote repository
Super
master
super 1
super 2
super 3
Lib_a
master
sub 1
sub 2
sub 3
submodule add
Remote repository
Lib_a
master
sub 1
sub 2
sub 3


master [LIB_A] Enhance lib_a with b.txt
Update super.txt
Initial add of lib_a project
lib_a_master remotes/lib_a/master Fixes book title in README
Adds core functionality to lib_a
lib_a, initial commit
remotes/origin/master Adds core functionality
Updates README
The super project initial commit
SHA1 ID: eeb5005234fa419b13588383b4f4d766324391ed
Row
master [LIB_A] Update lib_a project to latest state
remotes/lib_a/develop Fixed bugs
Bugs...
[LIB_A] Enhance lib_a with b.txt
Update super.txt
Initial add of lib_a project
lib_a_master remotes/lib_a/master Fixes book title in README
Adds core functionality to lib_a
lib_a, initial commit
remotes/origin/master Adds core functionality
Updates README
The super project initial commit
SHA1 ID: 000bfe6c4f28ded344b5f4681b7825ac2bc18ffa
Row

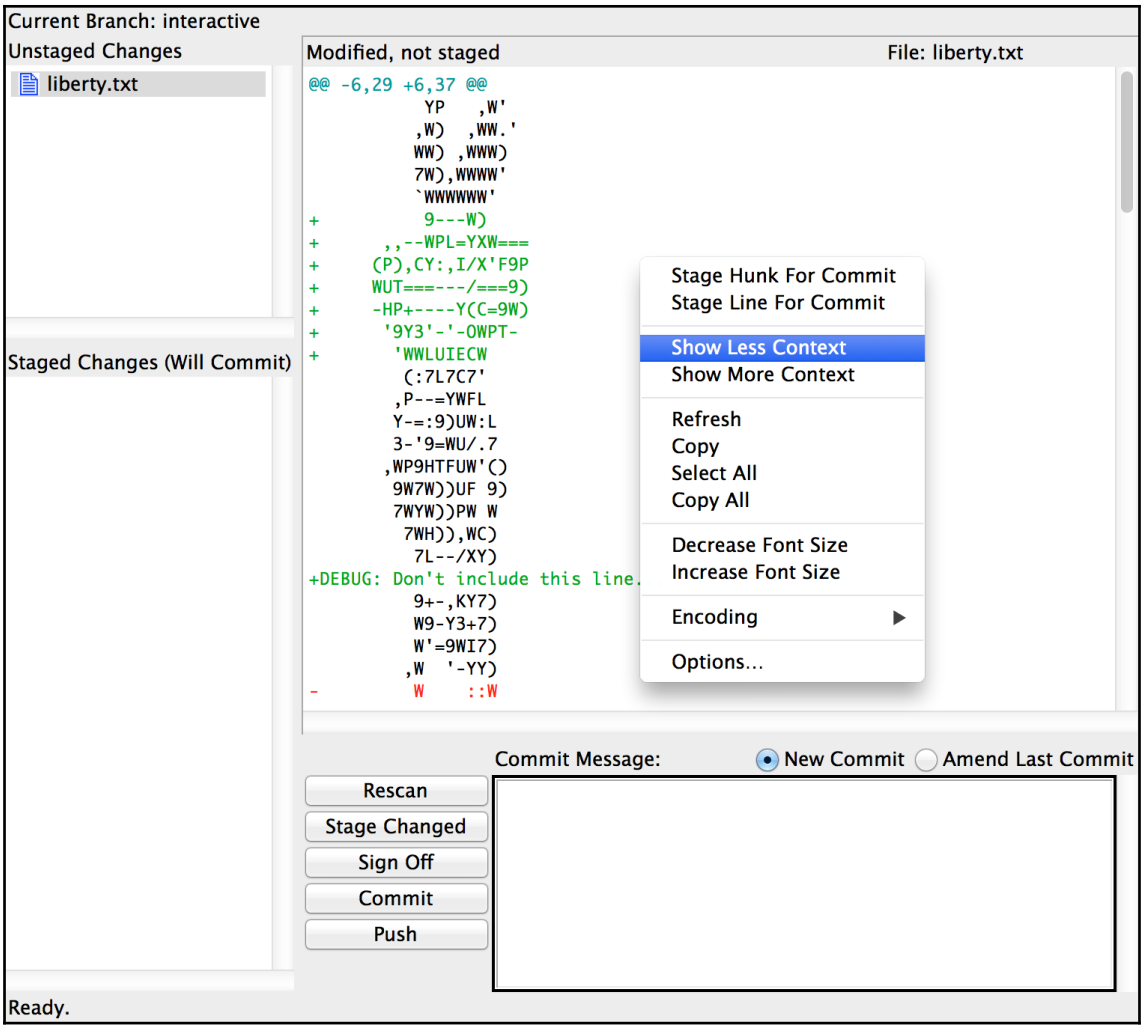
Chapter 10: Patching and Offline Sharing

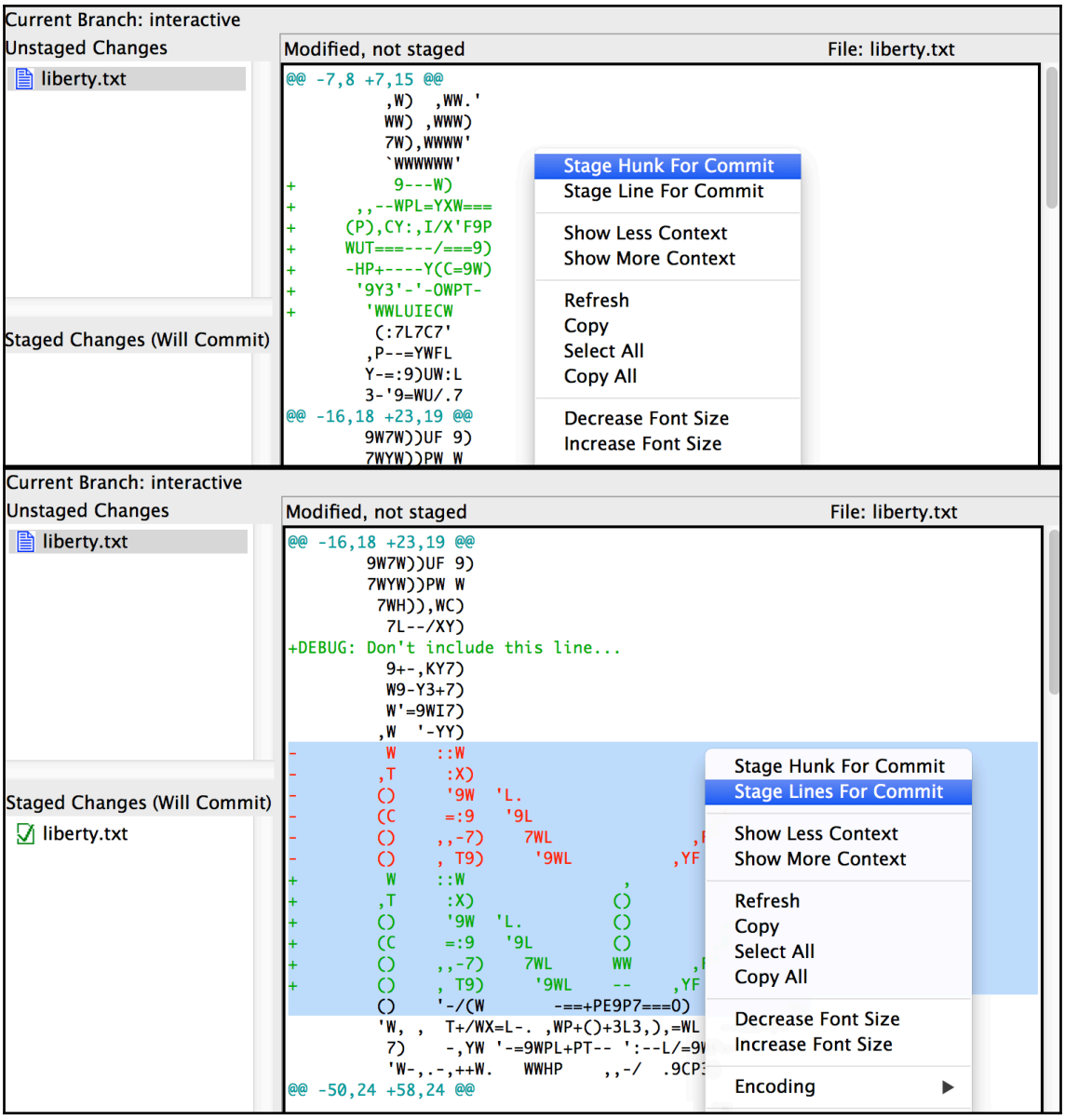


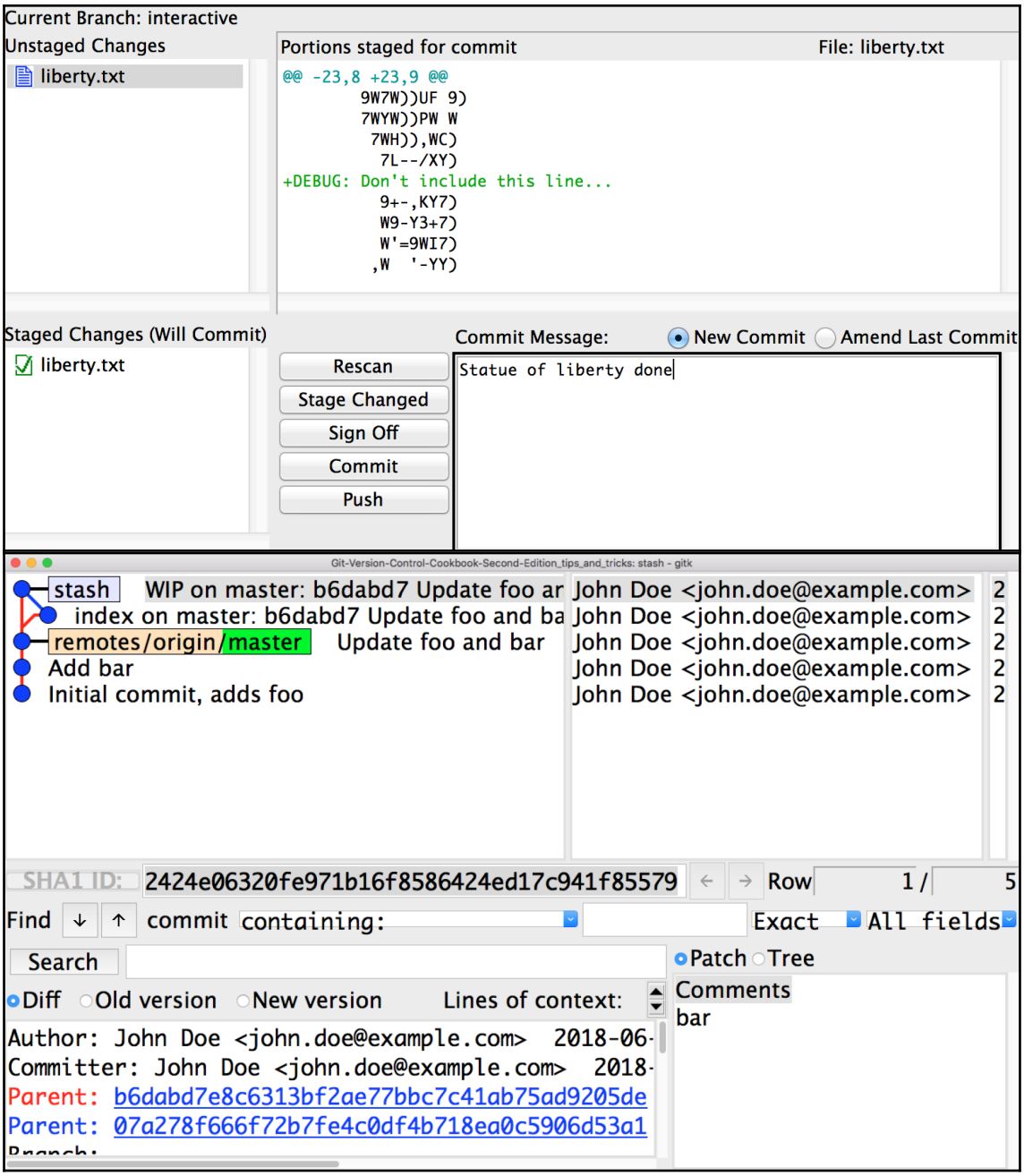
Chapter 11: Tips and Tricks

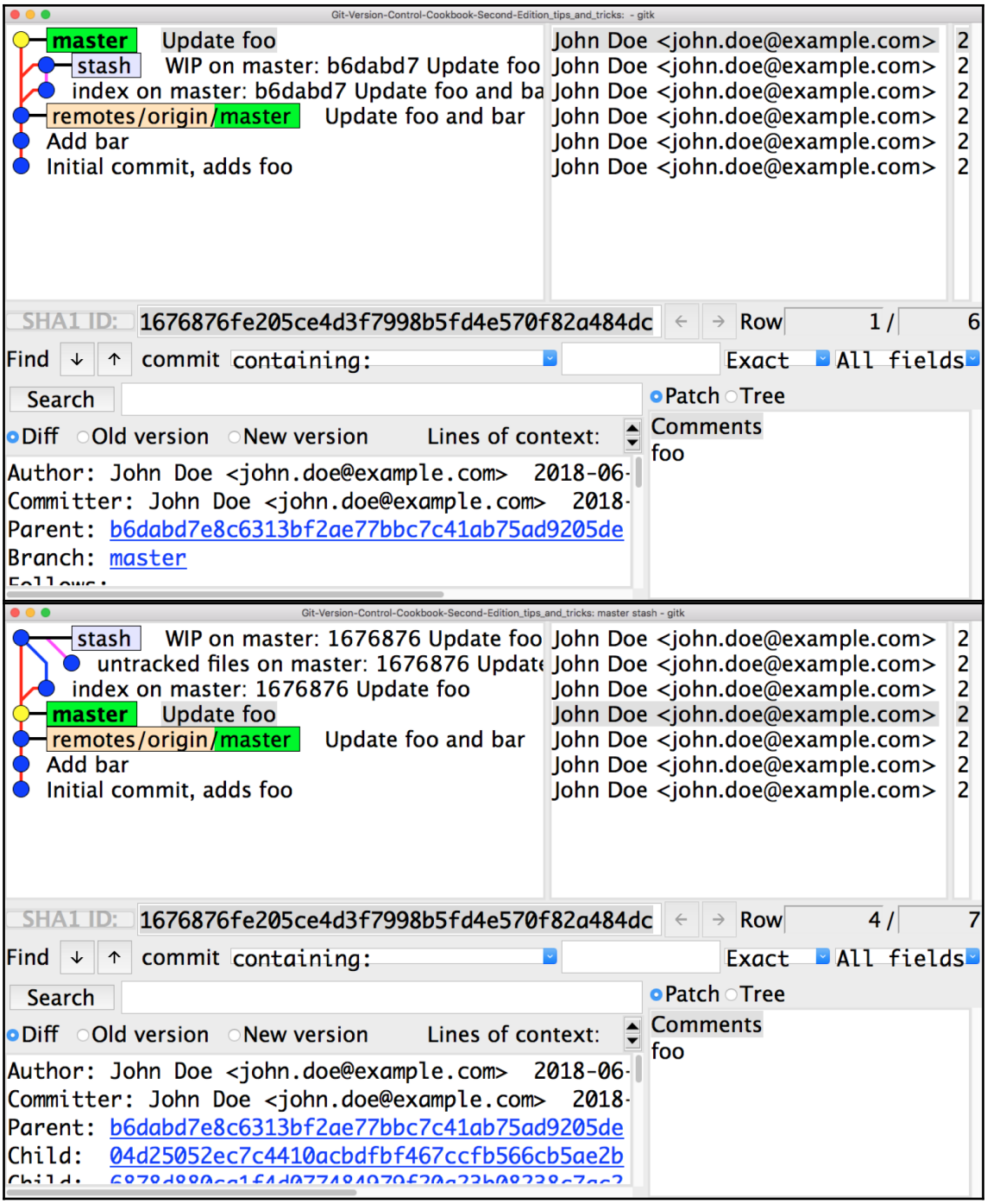
```
* 23c230c - (origin/conflict) Spaceship upgrade (11 days ago) <John Doe>
* d51acd7 - Adds spaceship (11 days ago) <John Doe>
* b5f195d - Adds directory structure (11 days ago) <John Doe>
* a274c0b - Update foo and bar (11 days ago) <John Doe>
* 455f8fb - Add bar (11 days ago) <John Doe>
* 4f49d8f - Initial commit, adds foo (11 days ago) <John Doe>
* 75e6d44 - (HEAD -> aliases, origin/aliases) Better spaceship design (11 days a
go) <John Doe>
* a4293e2 - Adds spaceship (11 days ago) <John Doe>
* 76824a9 - Adds directory structure (11 days ago) <John Doe>
* ef58221 - Update foo and bar (11 days ago) <John Doe>
* 43fac3e - Add bar (11 days ago) <John Doe>
* 8b0e66e - Initial commit, adds foo (11 days ago) <John Doe>
```

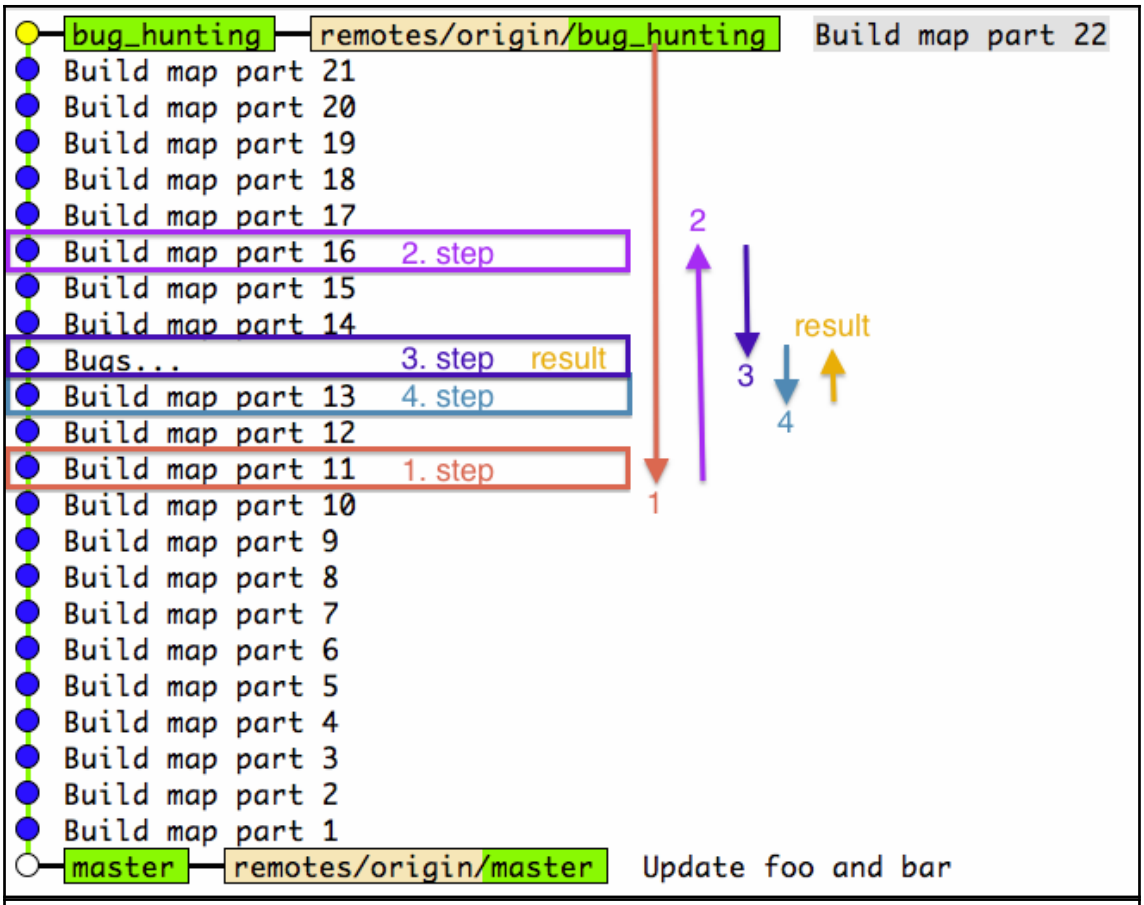
```
Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks — -bash
b6dabd7 Update foo and bar (4 years, 2 months ago) <John Doe>  (HEAD -> master, origin/master, origin/HEAD)
7       0       bar
7       0       foo

4afd2b8 Add bar (4 years, 2 months ago) <John Doe>
1       0       bar

7601046 Initial commit, adds foo (4 years, 2 months ago) <John Doe>
3       0       foo
✔ ~/Packt/Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks [master|✔]
21:59 $
```


Current Branch: interactive
Unstaged Changes
liberty.txt
Staged Changes (Will Commit)
Modified, not staged
File: liberty.txt
@@ -6,29 +6,37 @@
YP ,W'
,W) ,WW.'
WW) ,WWW)
7W),WWWW'
`WWWWWW'
+ 9---W)
+ ,,--WPL=YXW===
+ (P),CY:,I/X'F9P
+ WUT===---/===9)
+ -HP+----Y(C=9W)
+ '9Y3'-'-OWPT-
+ 'WWLUIECW
(:7L7C7'
,P--=YWFL
Y-=:9)UW:L
3-'9=WU/.7
,WP9HTFUW'()
9W7W))UF 9)
7WYW))PW W
7WH)),WC)
7L--/XY)
+DEBUG: Don't include this line.
9+-,KY7)
W9-Y3+7)
W'=9WI7)
,W '-YY)
- W ::W
Stage Hunk For Commit
Stage Line For Commit
Show Less Context
Show More Context
Refresh
Copy
Select All
Copy All
Decrease Font Size
Increase Font Size
Encoding
Options...
Commit Message:
New Commit
Amend Last Commit
Rescan
Stage Changed
Sign Off
Commit
Push
Ready.

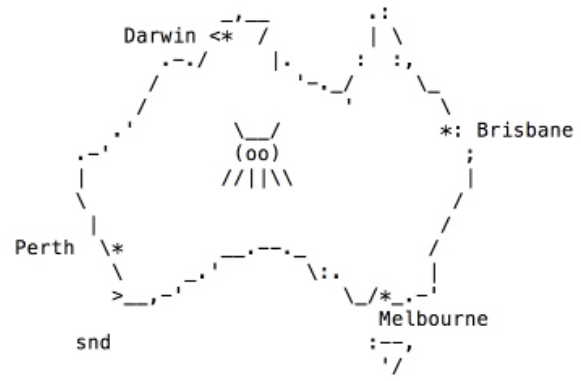

Current Branch: interactive
Unstaged Changes
liberty.txt
Staged Changes (Will Commit)
Modified, not staged
File: liberty.txt
Stage Hunk For Commit
Stage Line For Commit
Show Less Context
Show More Context
Refresh
Copy
Select All
Copy All
Decrease Font Size
Increase Font Size
Current Branch: interactive
Unstaged Changes
liberty.txt
Staged Changes (Will Commit)
liberty.txt
Modified, not staged
File: liberty.txt
+DEBUG: Don't include this line...
Stage Hunk For Commit
Stage Lines For Commit
Show Less Context
Show More Context
Refresh
Copy
Select All
Copy All
Decrease Font Size
Increase Font Size
Encoding

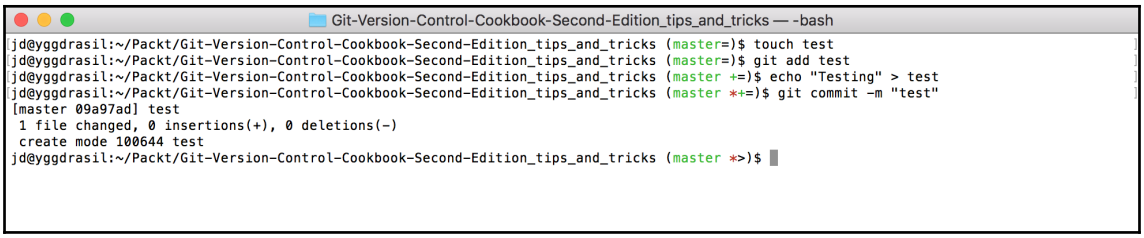

Current Branch: interactive
Unstaged Changes
liberty.txt
Portions staged for commit
File: liberty.txt
@@ -23,8 +23,9 @@
9W7W))UF 9)
7WYW))PW W
7WH)),WC)
7L--/XY)
+DEBUG: Don't include this line...
9+-,KY7)
W9-Y3+7)
W'=9WI7)
,W '-YY)
Staged Changes (Will Commit)
liberty.txt
Commit Message:
New Commit
Amend Last Commit
Rescan
Stage Changed
Sign Off
Commit
Push
Statue of liberty done
Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks: stash - gitk
stash
WIP on master: b6dabd7 Update foo ar
John Doe <john.doe@example.com>
index on master: b6dabd7 Update foo and ba
John Doe <john.doe@example.com>
remotes/origin/master
Update foo and bar
John Doe <john.doe@example.com>
Add bar
John Doe <john.doe@example.com>
Initial commit, adds foo
John Doe <john.doe@example.com>
SHA1 ID:
2424e06320fe971b16f8586424ed17c941f85579
Row
1 /
5
Find
commit
containing:
Exact
All fields
Search
Patch
Tree
Diff
Old version
New version
Lines of context:
Comments
bar
Author: John Doe <john.doe@example.com> 2018-06-
Committer: John Doe <john.doe@example.com> 2018-
Parent: b6dabd7e8c6313bf2ae77bbc7c41ab75ad9205de
Parent: 07a278f666f72b7fe4c0df4b718ea0c5906d53a1


Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks: - gitk
master Update foo
stash WIP on master: b6dabd7 Update foo
index on master: b6dabd7 Update foo and ba
remotes/origin/master Update foo and bar
Add bar
Initial commit, adds foo
John Doe <john.doe@example.com> 2
SHA1 ID: 1676876fe205ce4d3f7998b5fd4e570f82a484dc
Row 1 / 6
Find commit containing: Exact All fields
Search
Patch Tree
Diff Old version New version Lines of context:
Comments
foo
Author: John Doe <john.doe@example.com> 2018-06-
Committer: John Doe <john.doe@example.com> 2018-
Parent: b6dabd7e8c6313bf2ae77bbc7c41ab75ad9205de
Branch: master
Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks: master stash - gitk
stash WIP on master: 1676876 Update foo
untracked files on master: 1676876 Update
index on master: 1676876 Update foo
master Update foo
remotes/origin/master Update foo and bar
Add bar
Initial commit, adds foo
SHA1 ID: 1676876fe205ce4d3f7998b5fd4e570f82a484dc
Row 4 / 7
Find commit containing: Exact All fields
Search
Patch Tree
Diff Old version New version Lines of context:
Comments
foo
Author: John Doe <john.doe@example.com> 2018-06-
Committer: John Doe <john.doe@example.com> 2018-
Parent: b6dabd7e8c6313bf2ae77bbc7c41ab75ad9205de
Child: 04d25052ec7c4410acbdfbf467ccfb566cb5ae2b

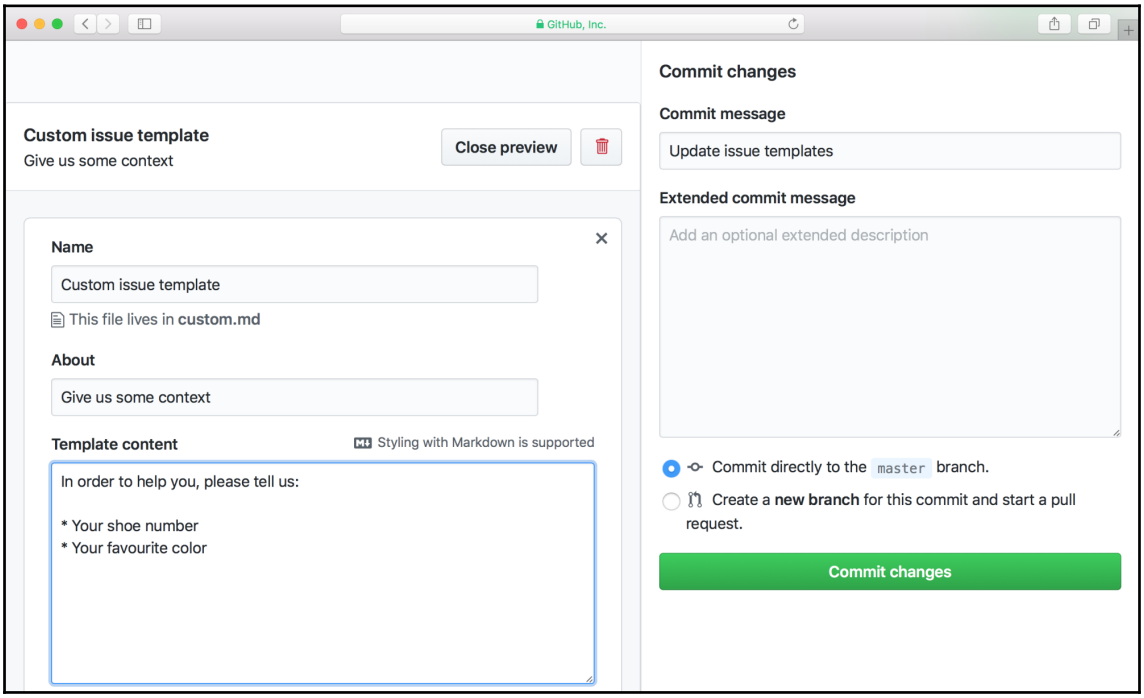


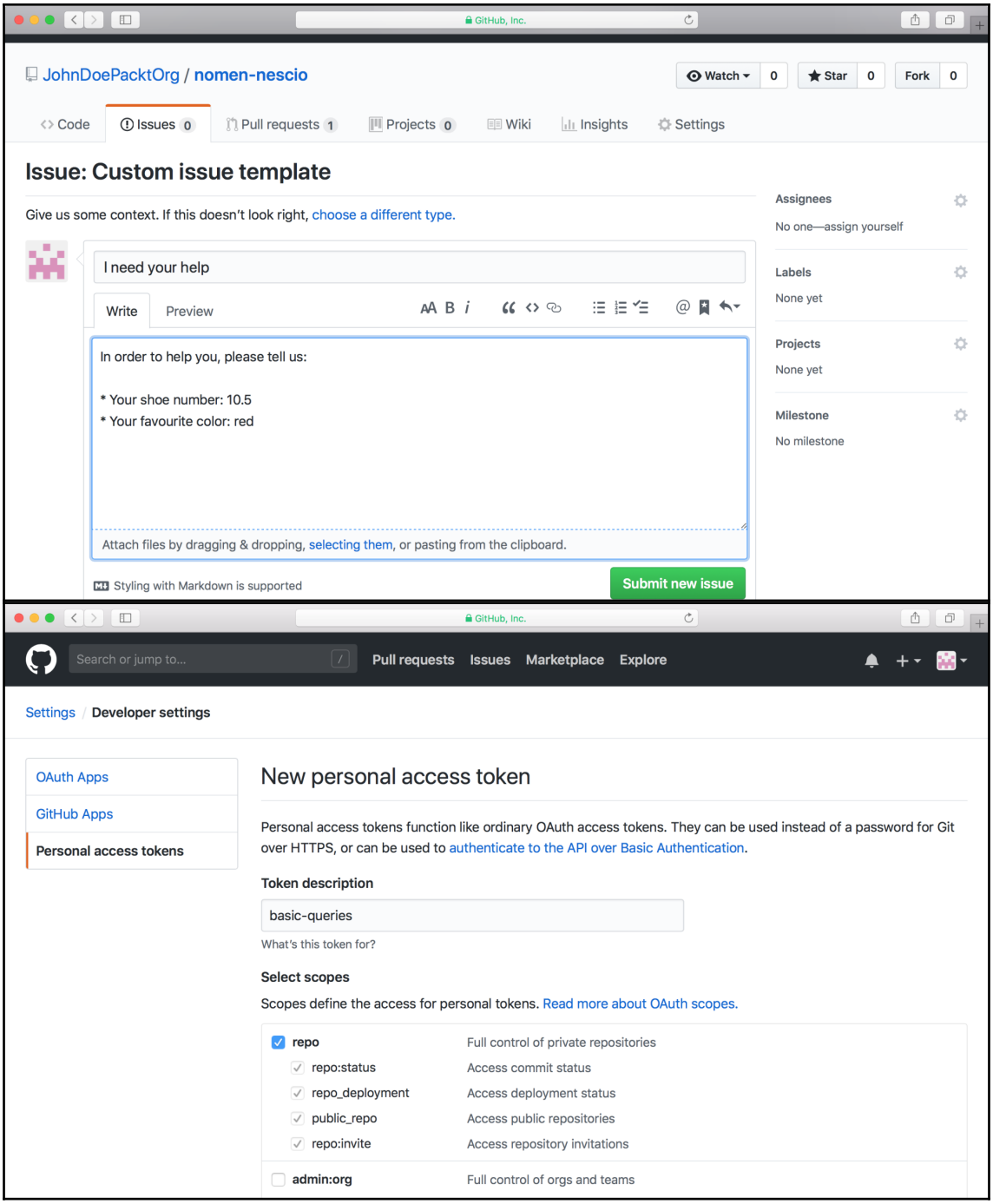

```
$ git blame --date short -L 30,47 map.txt
828f25e7 (Dave Bowman       2014-05-13 30) Australia:
9d2cd13d (Frank Poole       2014-05-13 31)
9d2cd13d (Frank Poole       2014-05-13 32)
9d2cd13d (Frank Poole       2014-05-13 33)
fec0bd22 (Frank Poole       2014-05-13 34)
fec0bd22 (Frank Poole       2014-05-13 35)
fec0bd22 (Frank Poole       2014-05-13 36)
83c22a39 (HAL 9000          2014-05-13 37)
83c22a39 (HAL 9000          2014-05-13 38)
83c22a39 (HAL 9000          2014-05-13 39)
4c543b9c (Dave Bowman       2014-05-13 40)
4c543b9c (Dave Bowman       2014-05-13 41)
4c543b9c (Dave Bowman       2014-05-13 42)
7ad3da42 (Heywood R. Floyd 2014-05-13 43)
7ad3da42 (Heywood R. Floyd 2014-05-13 44)
7ad3da42 (Heywood R. Floyd 2014-05-13 45)
c45cb517 (Heywood R. Floyd 2014-05-13 46)
c45cb517 (Heywood R. Floyd 2014-05-13 47)
```

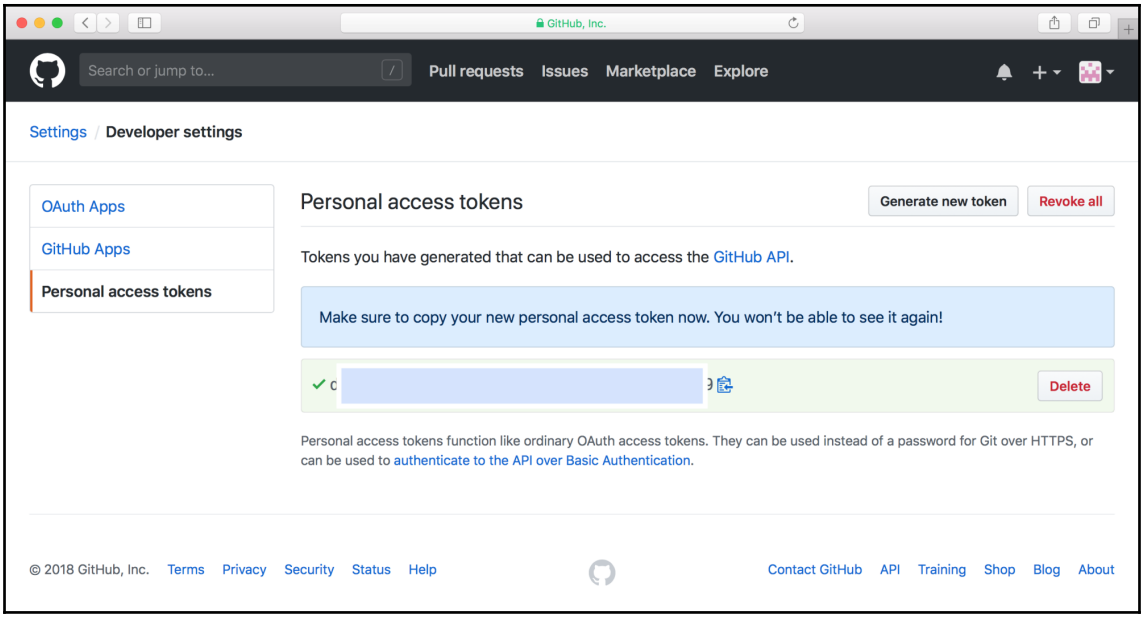


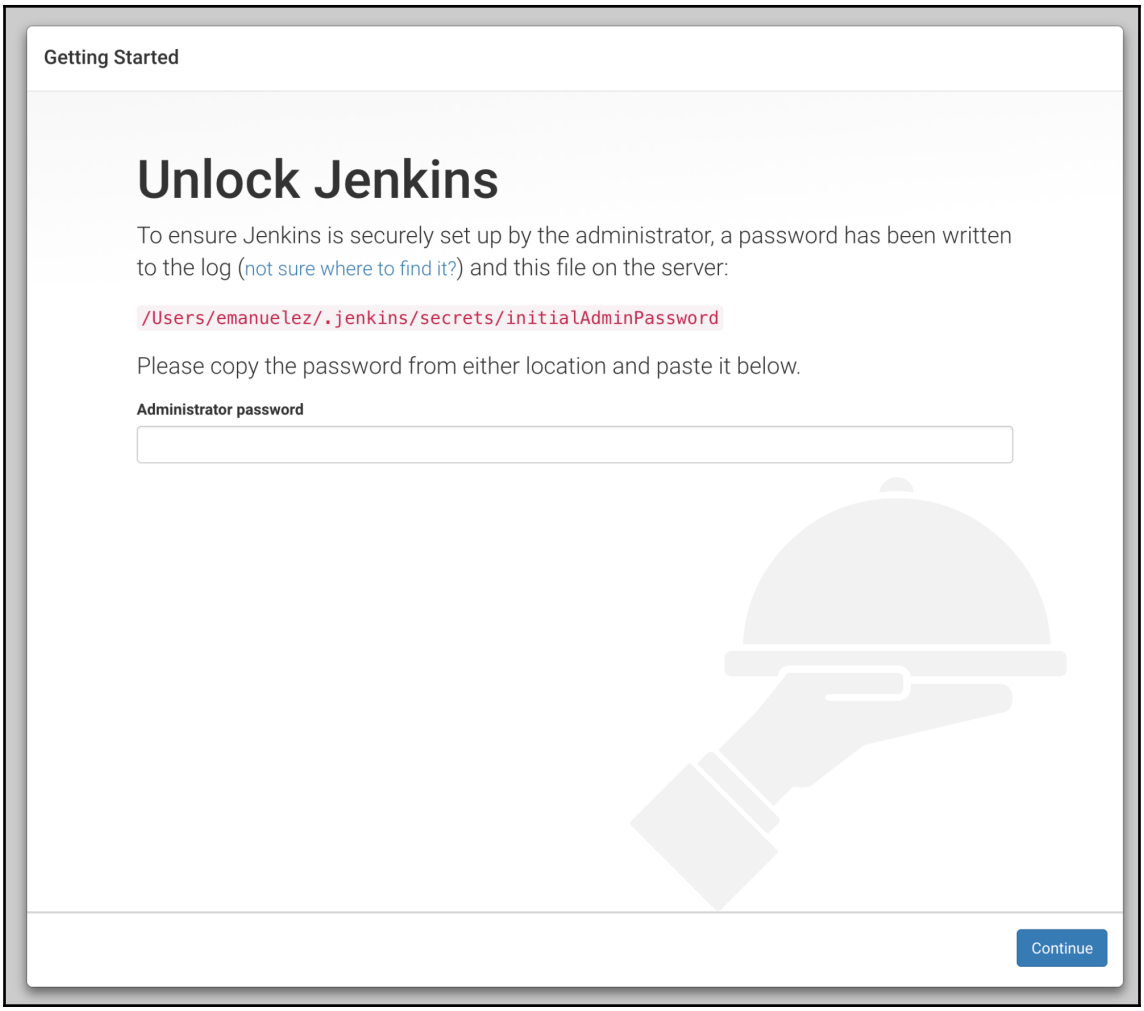

Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks — -bash
jd@yggdrasil:~/Packt/Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks (master=)$ touch test
jd@yggdrasil:~/Packt/Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks (master=)$ git add test
jd@yggdrasil:~/Packt/Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks (master +=)$ echo "Testing" > test
jd@yggdrasil:~/Packt/Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks (master *+=)$ git commit -m "test"
[master 09a97ad] test
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 test
jd@yggdrasil:~/Packt/Git-Version-Control-Cookbook-Second-Edition_tips_and_tricks (master *>)$

Chapter 12: Git Providers, Integrations, and Clients

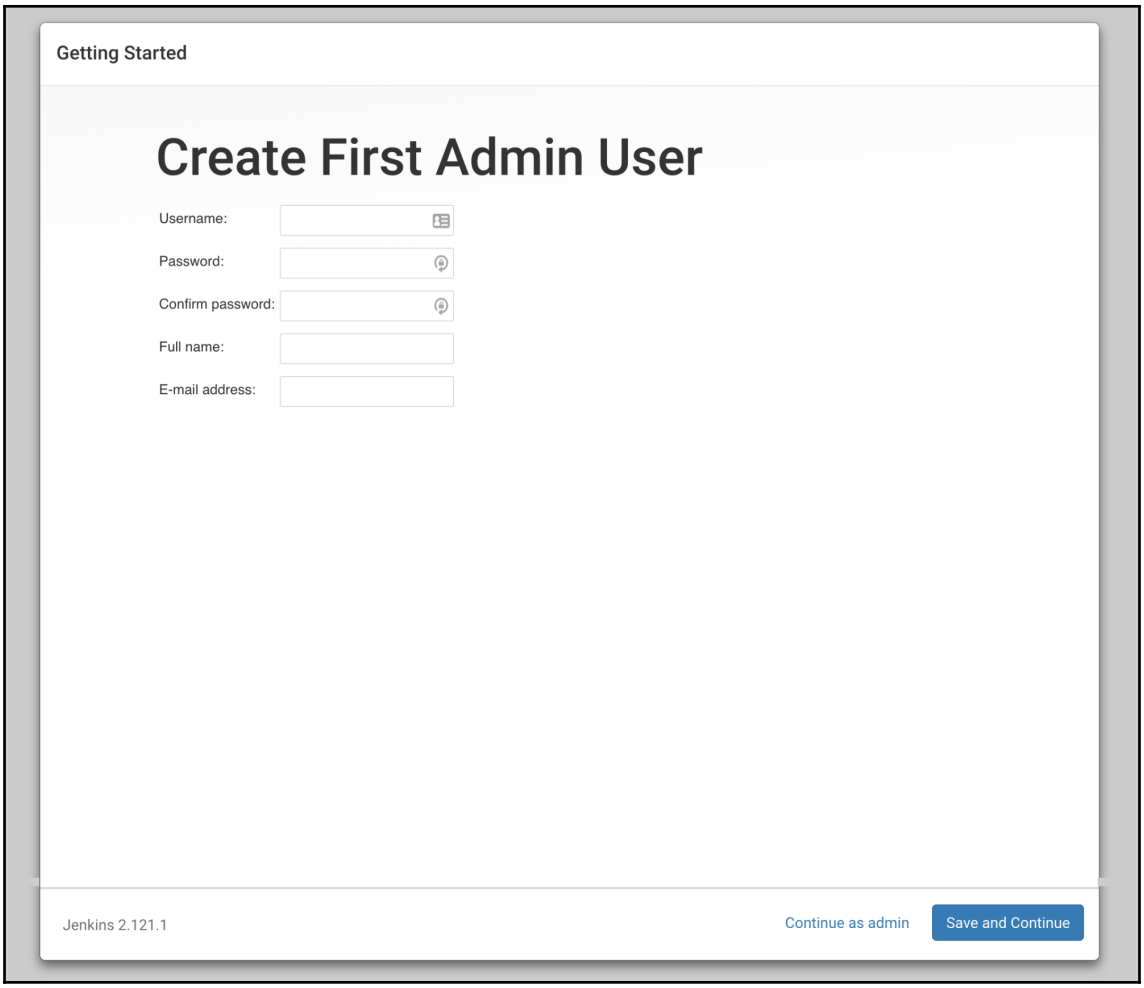


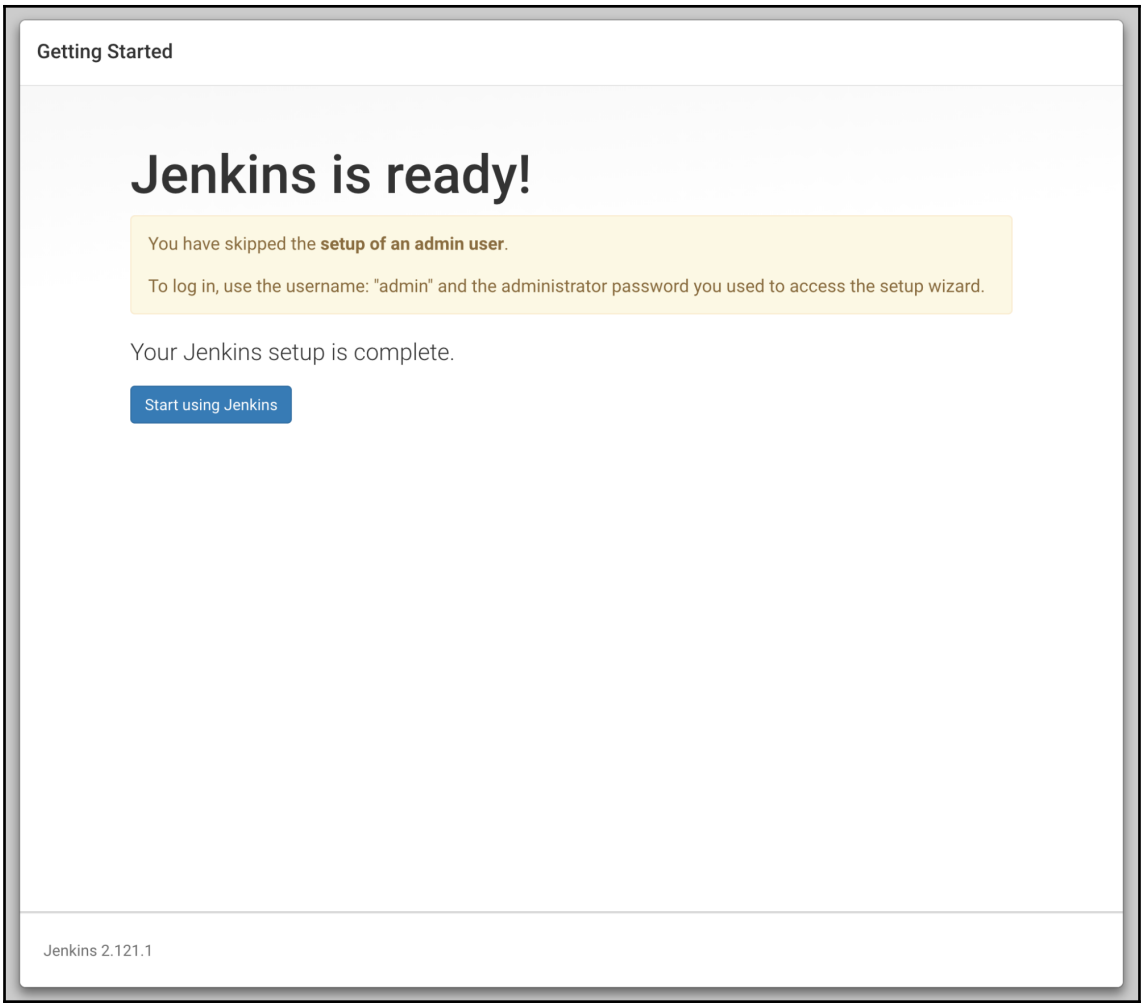

GitHub, Inc.
JohnDoePacktOrg / nomen-nescio
Watch 0
Star 0
Fork 0
Code
Issues 0
Pull requests 1
Projects 0
Wiki
Insights
Settings
Issue: Custom issue template
Give us some context. If this doesn't look right, choose a different type.
I need your help
Write
Preview
In order to help you, please tell us:
* Your shoe number: 10.5
* Your favourite color: red
Attach files by dragging & dropping, selecting them, or pasting from the clipboard.
Styling with Markdown is supported
Submit new issue
Assignees
No one—assign yourself
Labels
None yet
Projects
None yet
Milestone
No milestone
GitHub, Inc.
Search or jump to...
Pull requests
Issues
Marketplace
Explore
Settings / Developer settings
OAuth Apps
GitHub Apps
Personal access tokens
New personal access token
Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.
Token description
basic-queries
What's this token for?
Select scopes
Scopes define the access for personal tokens. Read more about OAuth scopes.
repo
Full control of private repositories
repo:status
Access commit status
repo_deployment
Access deployment status
public_repo
Access public repositories
repo:invite
Access repository invitations
admin:org
Full control of orgs and teams

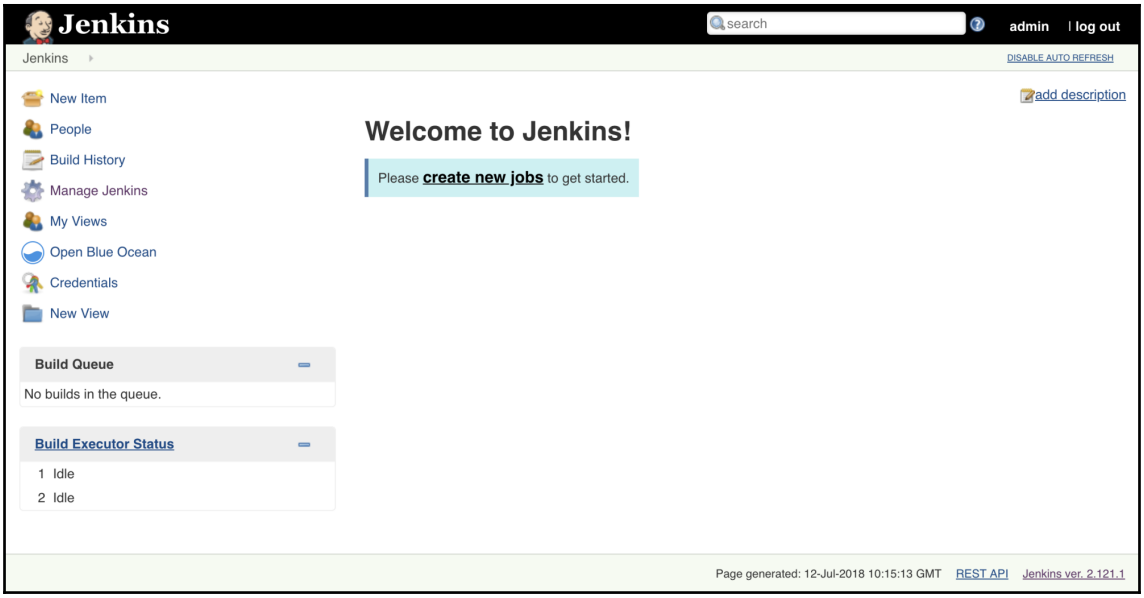

GitHub, Inc.
Search or jump to...
Pull requests
Issues
Marketplace
Explore
Settings / Developer settings
OAuth Apps
GitHub Apps
Personal access tokens
Personal access tokens
Generate new token
Revoke all
Tokens you have generated that can be used to access the GitHub API.
Make sure to copy your new personal access token now. You won't be able to see it again!
Delete
Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.
© 2018 GitHub, Inc.
Terms
Privacy
Security
Status
Help
Contact GitHub
API
Training
Shop
Blog
About

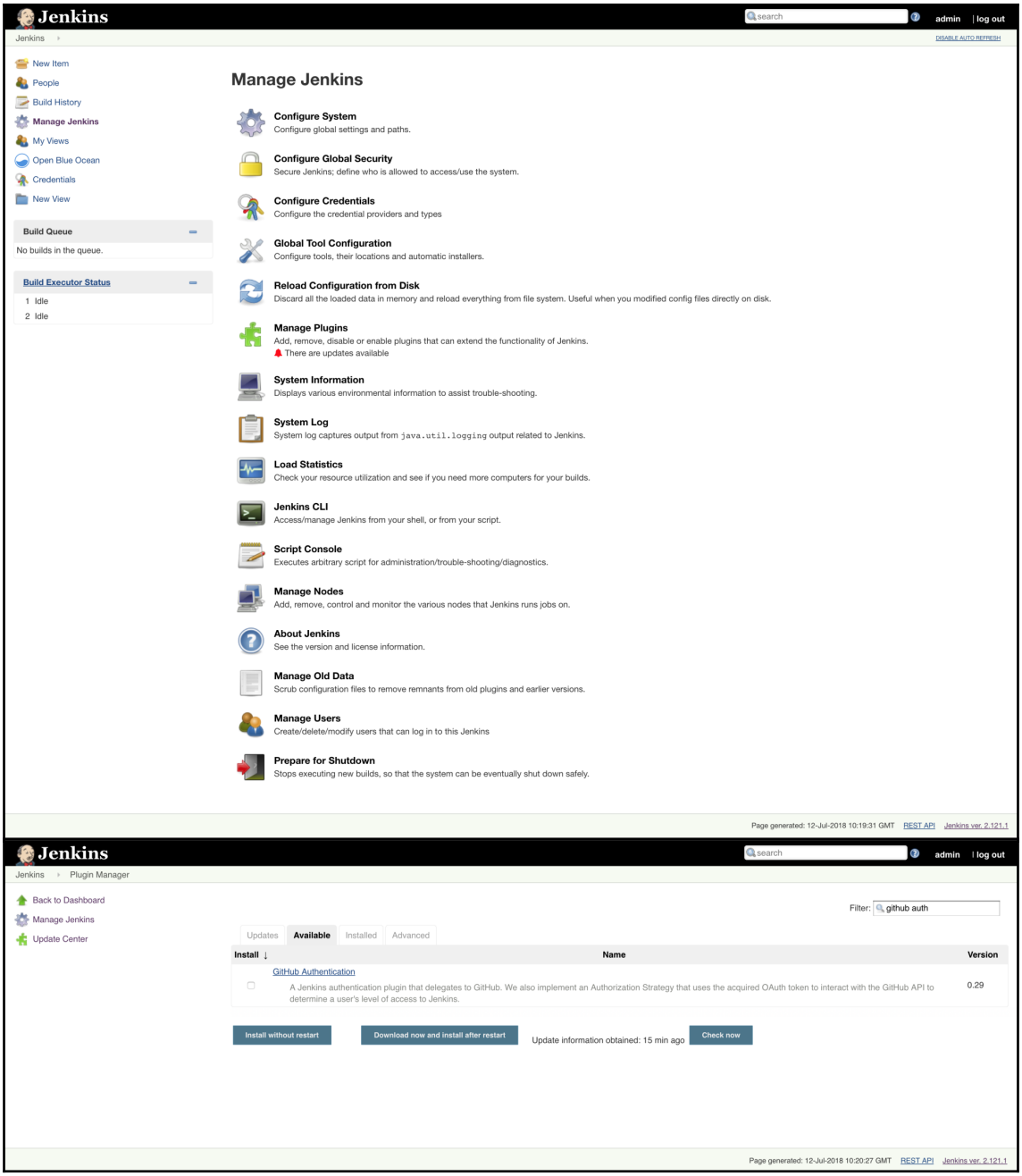

Getting Started
Unlock Jenkins
To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:
/Users/emanuelez/.jenkins/secrets/initialAdminPassword
Please copy the password from either location and paste it below.
Administrator password
Continue

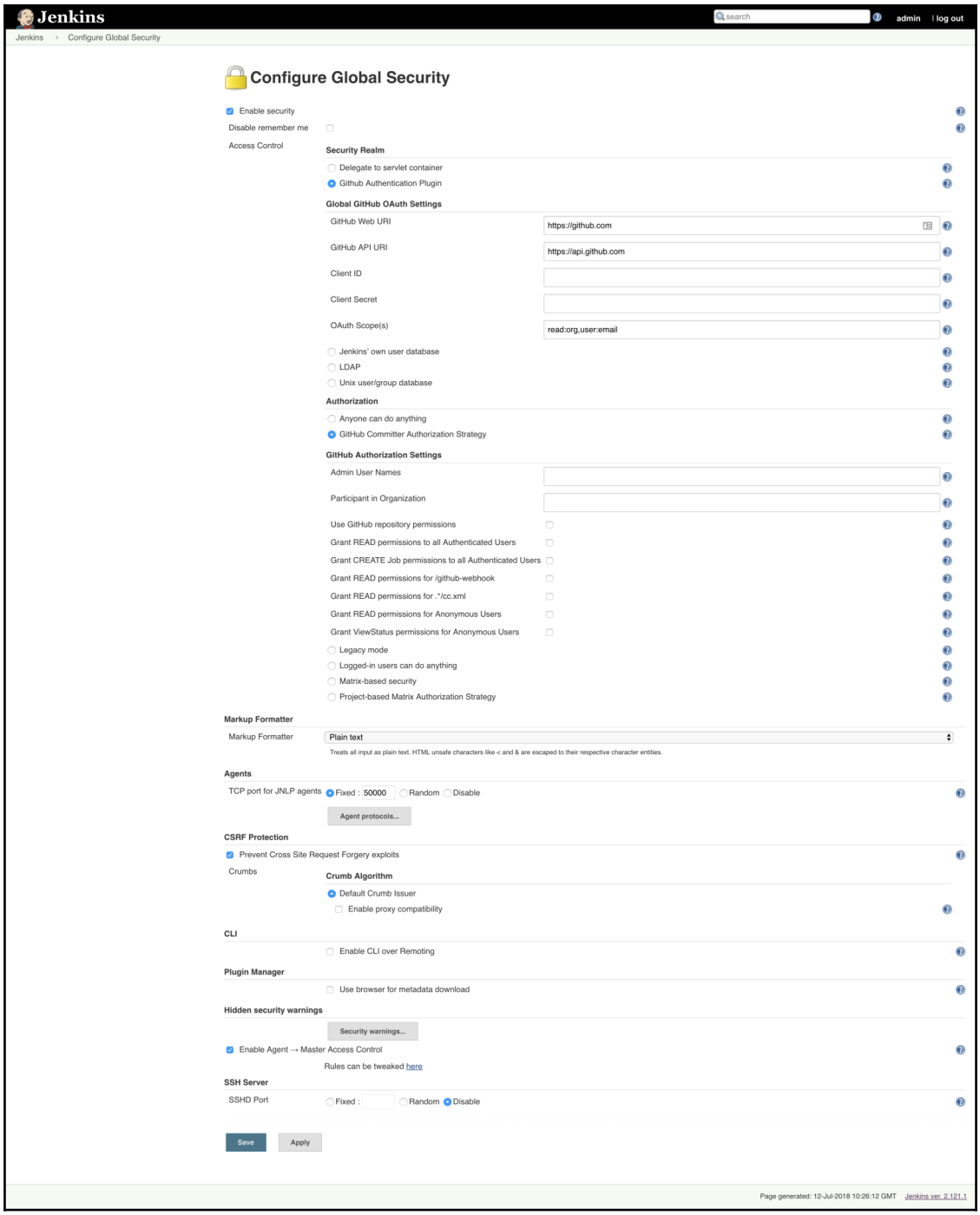
Getting Started
Customize Jenkins
Plugins extend Jenkins with additional features to support many different needs.
Install suggested plugins
Install plugins the Jenkins community finds most useful.
Select plugins to install
Select and install plugins most suitable for your needs.
Jenkins 2.121.1

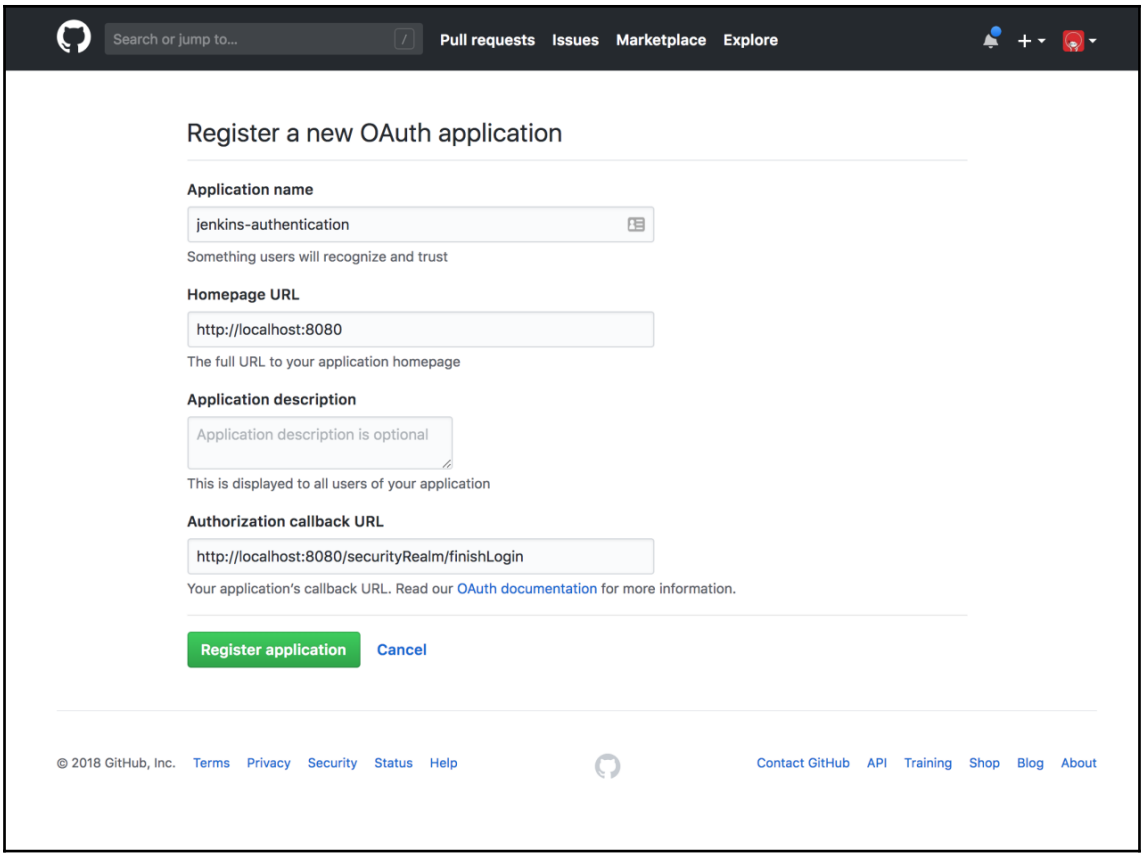

Getting Started
Create First Admin User
Username:
Password:
Confirm password:
Full name:
E-mail address:
Jenkins 2.121.1
Continue as admin
Save and Continue

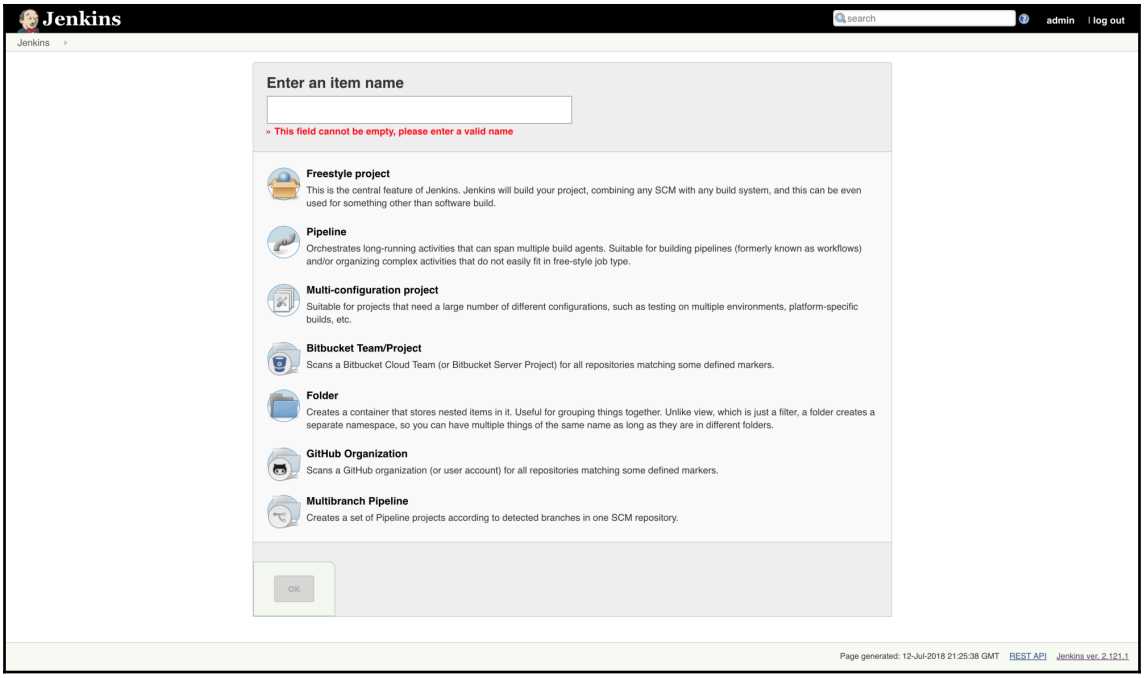

Getting Started
Jenkins is ready!
You have skipped the setup of an admin user.
To log in, use the username: "admin" and the administrator password you used to access the setup wizard.
Your Jenkins setup is complete.
Start using Jenkins
Jenkins 2.121.1

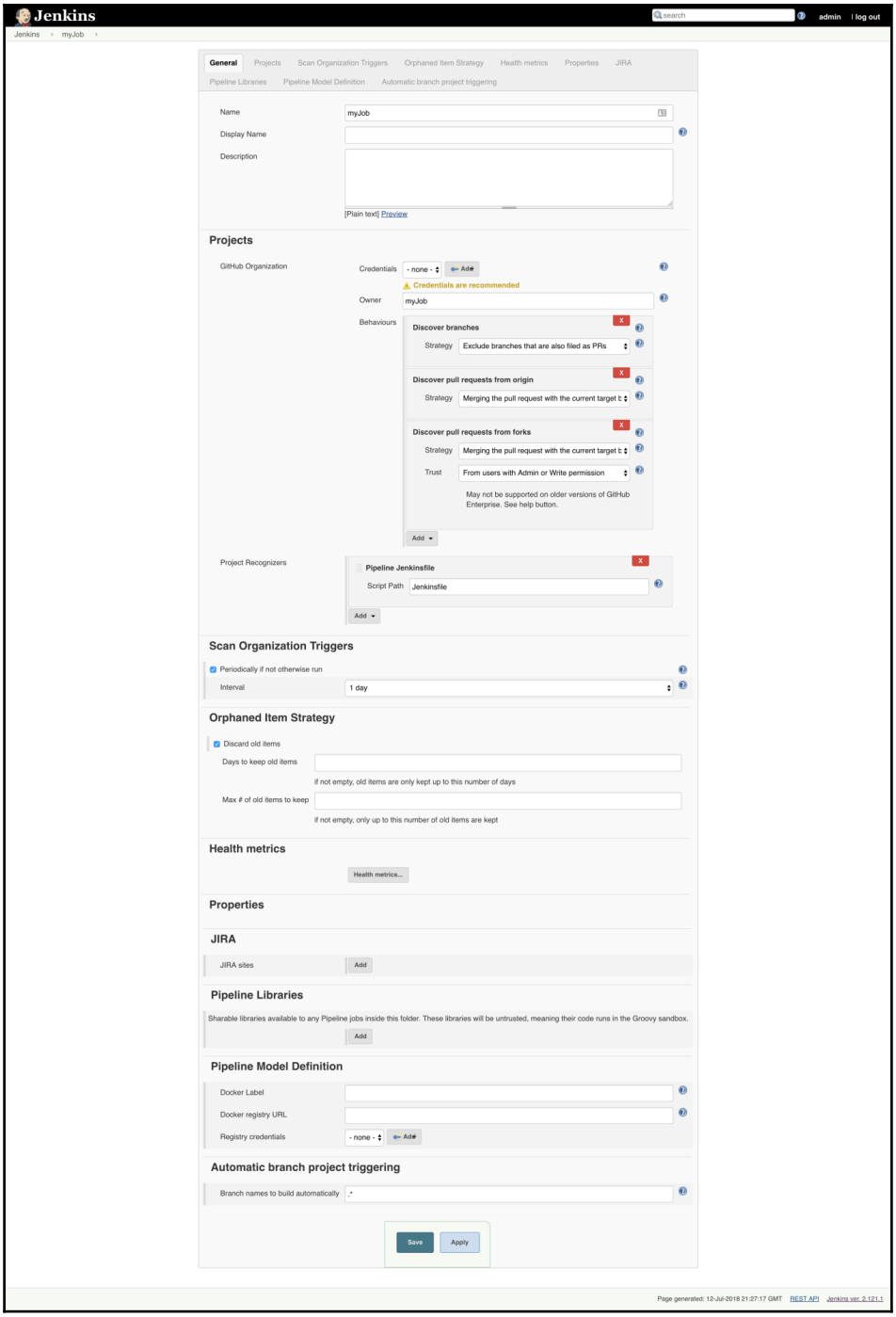

Jenkins
search
admin
log out
Jenkins
DISABLE AUTO REFRESH
New Item
People
Build History
Manage Jenkins
My Views
Open Blue Ocean
Credentials
New View
add description
Welcome to Jenkins!
Please create new jobs to get started.
Build Queue
No builds in the queue.
Build Executor Status
1 Idle
2 Idle
Page generated: 12-Jul-2018 10:15:13 GMT
REST API
Jenkins ver. 2.121.1

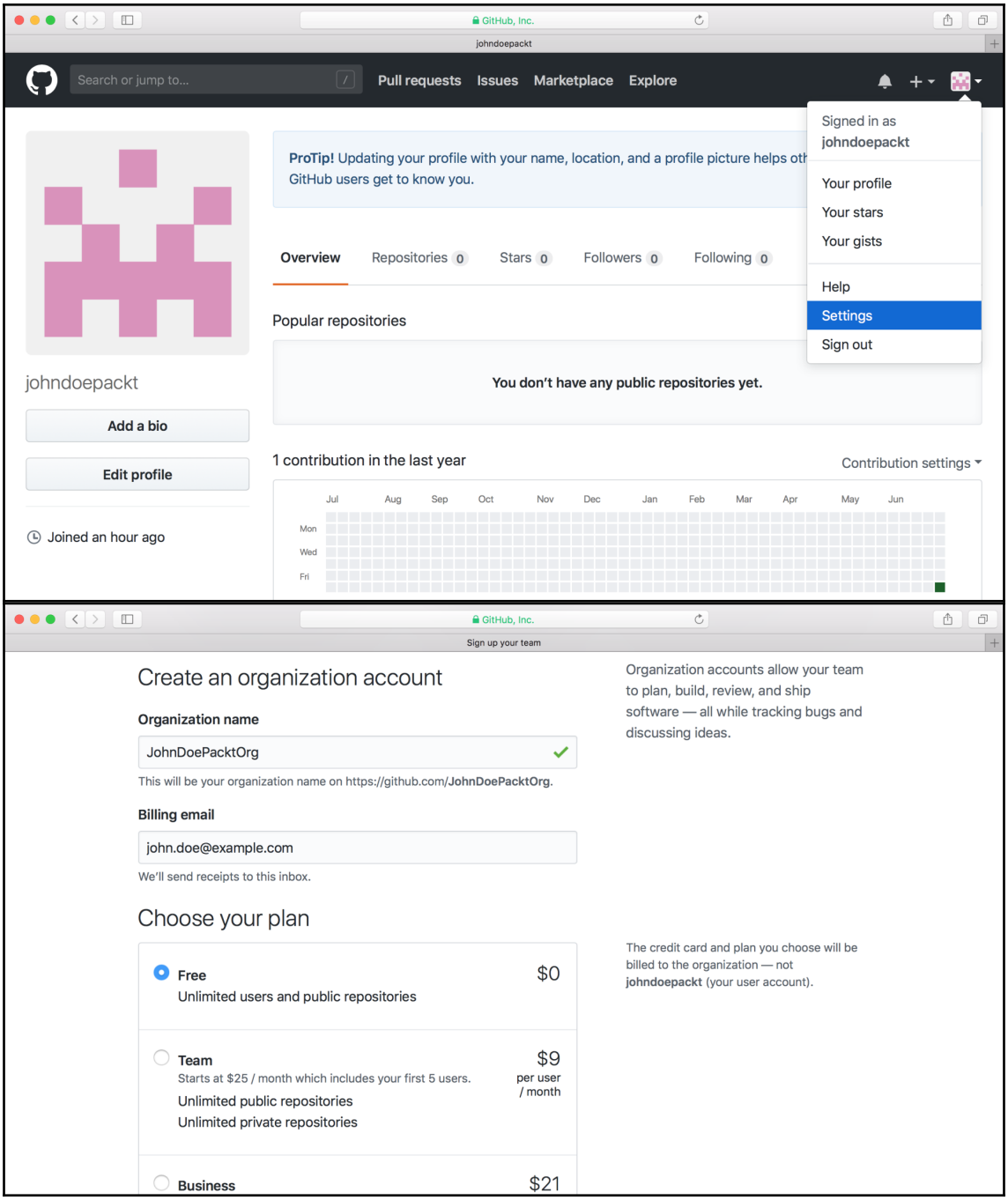

Jenkins
search
admin
log out
Jenkins
DISABLE AUTO REFRESH
New Item
People
Build History
Manage Jenkins
My Views
Open Blue Ocean
Credentials
New View
Build Queue
No builds in the queue.
Build Executor Status
1 Idle
2 Idle
Manage Jenkins
Configure System
Configure global settings and paths.
Configure Global Security
Secure Jenkins; define who is allowed to access/use the system.
Configure Credentials
Configure the credential providers and types
Global Tool Configuration
Configure tools, their locations and automatic installers.
Reload Configuration from Disk
Discard all the loaded data in memory and reload everything from file system. Useful when you modified config files directly on disk.
Manage Plugins
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.
There are updates available
System Information
Displays various environmental information to assist trouble-shooting.
System Log
System log captures output from java.util.logging output related to Jenkins.
Load Statistics
Check your resource utilization and see if you need more computers for your builds.
Jenkins CLI
Access/manage Jenkins from your shell, or from your script.
Script Console
Executes arbitrary script for administration/trouble-shooting/diagnostics.
Manage Nodes
Add, remove, control and monitor the various nodes that Jenkins runs jobs on.
About Jenkins
See the version and license information.
Manage Old Data
Scrub configuration files to remove remnants from old plugins and earlier versions.
Manage Users
Create/delete/modify users that can log in to this Jenkins
Prepare for Shutdown
Stops executing new builds, so that the system can be eventually shut down safely.
Page generated: 12-Jul-2018 10:19:31 GMT
REST API
Jenkins ver. 2.121.1
Jenkins
search
admin
log out
Jenkins
Plugin Manager
Back to Dashboard
Manage Jenkins
Update Center
Filter:
github auth
Updates
Available
Installed
Advanced
Install
Name
Version
GitHub Authentication
A Jenkins authentication plugin that delegates to GitHub. We also implement an Authorization Strategy that uses the acquired OAuth token to interact with the GitHub API to determine a user's level of access to Jenkins.
0.29
Install without restart
Download now and install after restart
Update information obtained: 15 min ago
Check now
Page generated: 12-Jul-2018 10:20:27 GMT
REST API
Jenkins ver. 2.121.1

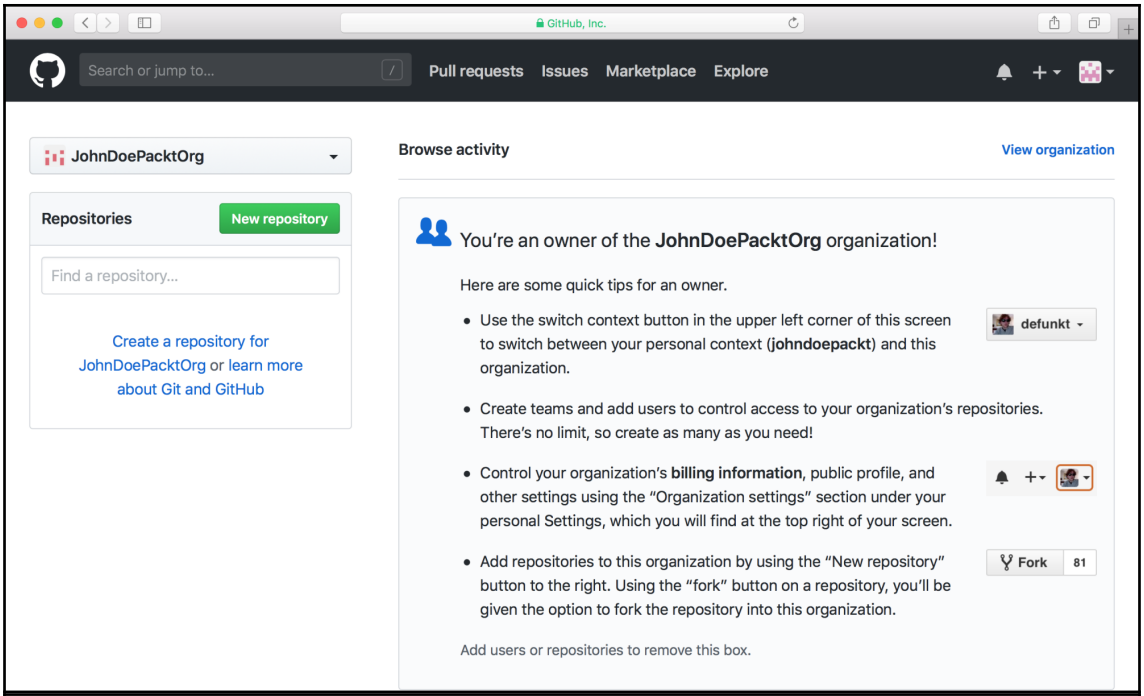

Jenkins
search
admin
log out
Jenkins
Configure Global Security
Configure Global Security
Enable security
Disable remember me
Access Control
Security Realm
Delegate to servlet container
Github Authentication Plugin
Global GitHub OAuth Settings
GitHub Web URI
https://github.com
GitHub API URI
https://api.github.com
Client ID
Client Secret
OAuth Scope(s)
read:org,user:email
Jenkins' own user database
LDAP
Unix user/group database
Authorization
Anyone can do anything
GitHub Committer Authorization Strategy
GitHub Authorization Settings
Admin User Names
Participant in Organization
Use GitHub repository permissions
Grant READ permissions to all Authenticated Users
Grant CREATE Job permissions to all Authenticated Users
Grant READ permissions for /github-webhook
Grant READ permissions for .*/cc.xml
Grant READ permissions for Anonymous Users
Grant ViewStatus permissions for Anonymous Users
Legacy mode
Logged-in users can do anything
Matrix-based security
Project-based Matrix Authorization Strategy
Markup Formatter
Markup Formatter
Plain text
Treats all input as plain text. HTML unsafe characters like < and & are escaped to their respective character entities.
Agents
TCP port for JNLP agents
Fixed : 50000
Random
Disable
Agent protocols...
CSRF Protection
Prevent Cross Site Request Forgery exploits
Crumbs
Crumb Algorithm
Default Crumb Issuer
Enable proxy compatibility
CLI
Enable CLI over Remoting
Plugin Manager
Use browser for metadata download
Hidden security warnings
Security warnings...
Enable Agent → Master Access Control
Rules can be tweaked here
SSH Server
SSHD Port
Fixed :
Random
Disable
Save
Apply
Page generated: 12-Jul-2018 10:26:12 GMT
Jenkins ver. 2.121.1

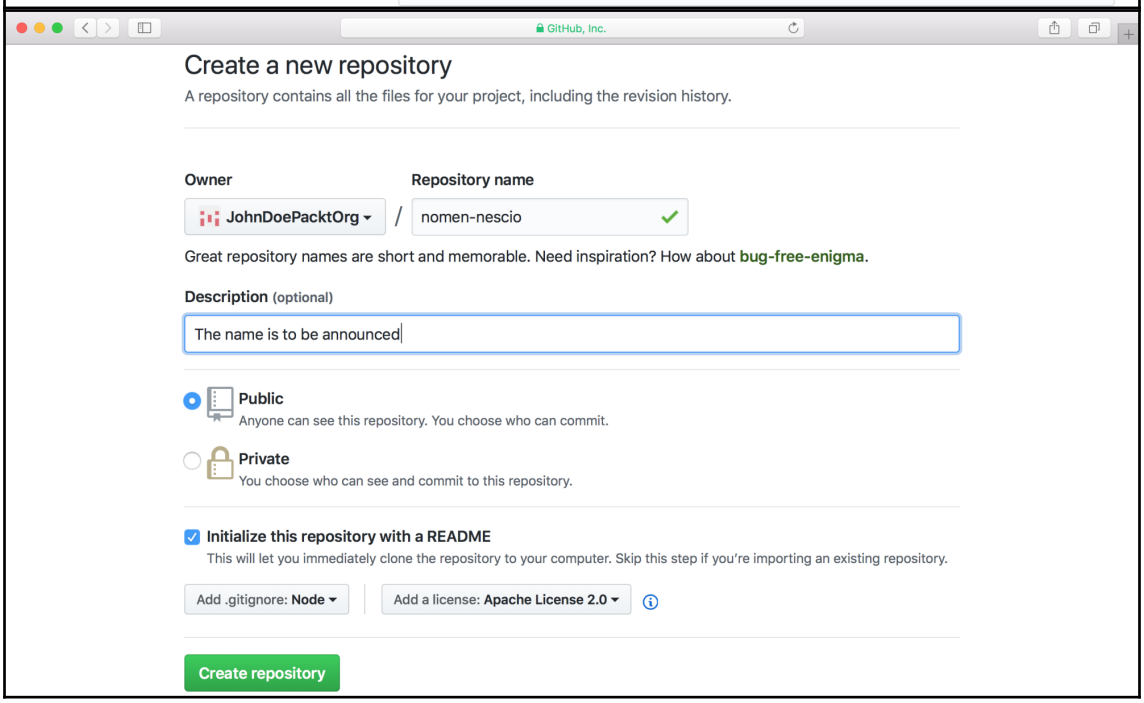

Search or jump to...
Pull requests
Issues
Marketplace
Explore
Register a new OAuth application
Application name
jenkins-authentication
Something users will recognize and trust
Homepage URL
http://localhost:8080
The full URL to your application homepage
Application description
Application description is optional
This is displayed to all users of your application
Authorization callback URL
http://localhost:8080/securityRealm/finishLogin
Your application's callback URL. Read our OAuth documentation for more information.
Register application
Cancel
© 2018 GitHub, Inc.
Terms
Privacy
Security
Status
Help
Contact GitHub
API
Training
Shop
Blog
About

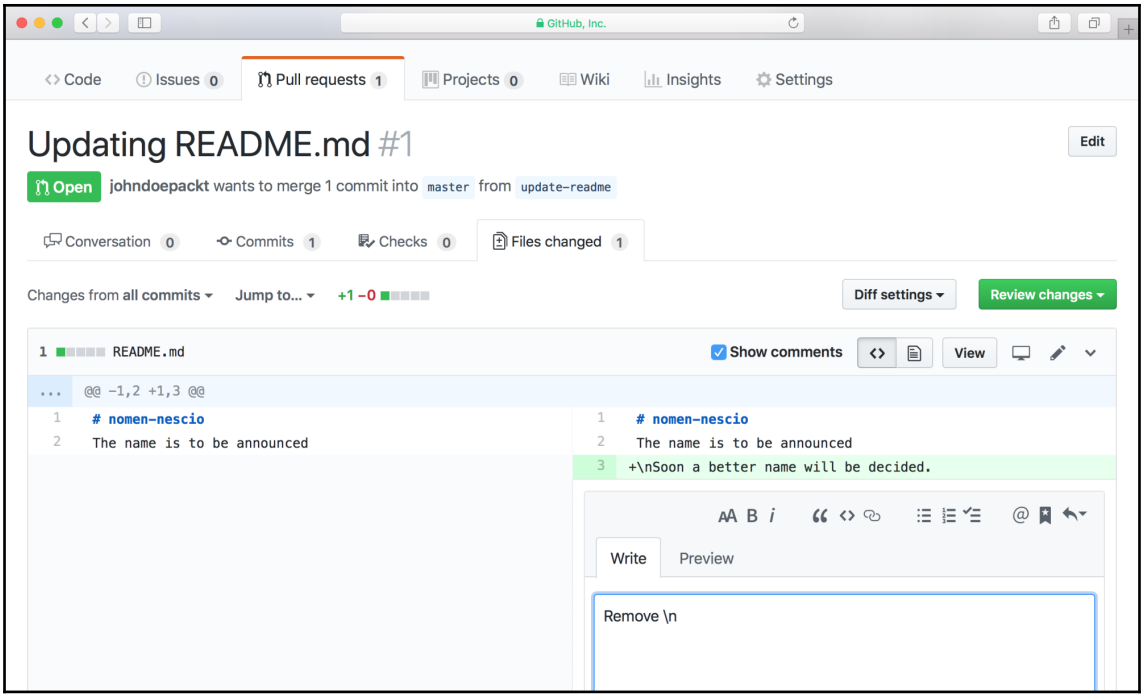

Jenkins
search
admin
log out
Jenkins
Enter an item name
» This field cannot be empty, please enter a valid name
Freestyle project
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.
Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.
Multi-configuration project
Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.
Bitbucket Team/Project
Scans a Bitbucket Cloud Team (or Bitbucket Server Project) for all repositories matching some defined markers.
Folder
Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.
GitHub Organization
Scans a GitHub organization (or user account) for all repositories matching some defined markers.
Multibranch Pipeline
Creates a set of Pipeline projects according to detected branches in one SCM repository.
OK
Page generated: 12-Jul-2018 21:25:38 GMT
REST API
Jenkins ver. 2.121.1


Jenkins
search
admin
log out
Jenkins › myJob ›
General
Projects
Scan Organization Triggers
Orphaned Item Strategy
Health metrics
Properties
JIRA
Pipeline Libraries
Pipeline Model Definition
Automatic branch project triggering
Name
myJob
Display Name
Description
[Plain text] Preview
Projects
GitHub Organization
Credentials
- none -
Add
Credentials are recommended
Owner
myJob
Behaviours
Discover branches
Strategy
Exclude branches that are also filed as PRs
Discover pull requests from origin
Strategy
Merging the pull request with the current target b
Discover pull requests from forks
Strategy
Merging the pull request with the current target b
Trust
From users with Admin or Write permission
May not be supported on older versions of GitHub Enterprise. See help button.
Add
Project Recognizers
Pipeline Jenkinsfile
Script Path
Jenkinsfile
Add
Scan Organization Triggers
Periodically if not otherwise run
Interval
1 day
Orphaned Item Strategy
Discard old items
Days to keep old items
if not empty, old items are only kept up to this number of days
Max # of old items to keep
if not empty, only up to this number of old items are kept
Health metrics
Health metrics...
Properties
JIRA
JIRA sites
Add
Pipeline Libraries
Sharable libraries available to any Pipeline jobs inside this folder. These libraries will be untrusted, meaning their code runs in the Groovy sandbox.
Add
Pipeline Model Definition
Docker Label
Docker registry URL
Registry credentials
- none -
Add
Automatic branch project triggering
Branch names to build automatically
.*
Save
Apply
Page generated: 12-Jul-2018 21:27:17 GMT
REST API
Jenkins ver. 2.121.1


GitHub, Inc.
johndoepackt
Search or jump to...
Pull requests
Issues
Marketplace
Explore
Signed in as
johndoepackt
Your profile
Your stars
Your gists
Help
Settings
Sign out
ProTip! Updating your profile with your name, location, and a profile picture helps oth
GitHub users get to know you.
Overview
Repositories 0
Stars 0
Followers 0
Following 0
Popular repositories
You don't have any public repositories yet.
johndoepackt
Add a bio
Edit profile
Joined an hour ago
1 contribution in the last year
Contribution settings
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun
Mon
Wed
Fri
GitHub, Inc.
Sign up your team
Create an organization account
Organization name
JohnDoePacktOrg
This will be your organization name on https://github.com/JohnDoePacktOrg.
Billing email
john.doe@example.com
We'll send receipts to this inbox.
Choose your plan
Free
Unlimited users and public repositories
$0
Team
Starts at $25 / month which includes your first 5 users.
Unlimited public repositories
Unlimited private repositories
$9
per user
/ month
Business
$21
Organization accounts allow your team to plan, build, review, and ship software — all while tracking bugs and discussing ideas.
The credit card and plan you choose will be billed to the organization — not johndoepackt (your user account).


GitHub, Inc.
Search or jump to...
Pull requests
Issues
Marketplace
Explore
JohnDoePacktOrg
Repositories
New repository
Find a repository...
Create a repository for JohnDoePacktOrg or learn more about Git and GitHub
Browse activity
View organization
You're an owner of the JohnDoePacktOrg organization!
Here are some quick tips for an owner.
Use the switch context button in the upper left corner of this screen to switch between your personal context (johndoepackt) and this organization.
defunkt
Create teams and add users to control access to your organization's repositories. There's no limit, so create as many as you need!
Control your organization's billing information, public profile, and other settings using the "Organization settings" section under your personal Settings, which you will find at the top right of your screen.
Add repositories to this organization by using the "New repository" button to the right. Using the "fork" button on a repository, you'll be given the option to fork the repository into this organization.
Fork
81
Add users or repositories to remove this box.


GitHub, Inc.
Create a new repository
A repository contains all the files for your project, including the revision history.
Owner
Repository name
JohnDoePacktOrg
/
nomen-nescio
Great repository names are short and memorable. Need inspiration? How about bug-free-enigma.
Description (optional)
The name is to be announced
Public
Anyone can see this repository. You choose who can commit.
Private
You choose who can see and commit to this repository.
Initialize this repository with a README
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.
Add .gitignore: Node
Add a license: Apache License 2.0
Create repository


GitHub, Inc.
Code
Issues 0
Pull requests 1
Projects 0
Wiki
Insights
Settings
Updating README.md #1
Edit
Open
johndoepackt wants to merge 1 commit into master from update-readme
Conversation 0
Commits 1
Checks 0
Files changed 1
Changes from all commits
Jump to...
+1 −0
Diff settings
Review changes
1 README.md
Show comments
View
@@ -1,2 +1,3 @@
# nomen-nescio
The name is to be announced
nomen-nescio
The name is to be announced
+\nSoon a better name will be decided.
Write
Preview
Remove \n