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Sootlet

Line Highlighting in Repositories

adding #L(line number) or #L(line number)-(line number) to the end of URL will highlight that line number/s

Example: github/workflows/label.gr.yml



Closing Issues via Commit Messages



Cross-Link Issues

to link to another issue in the same repository, type: #issue number

number, will close the issue once it is committed to the repository's default branch.

and it will be auto-linked, to link to an issue in another repository type:

{user}/{repo}#ISSUE_NUMBER

Compare Branches across Forked Repositories



Locking Conversations

Pull Requests and Issues can now be locked by owners or collaborators of the repo.



CI Status on Pull Requests

Travis CI build recevied Pull Request like it would every time you make a new commit



Filters

issues and pull requests allow filtering in the user interface.

For the Rails repo: github.com/rails/rails/issues, the following
filter is built by selecting the label "activerecord":

is:issue label:activerecord

But, you can also find all issues that are NOT labeled activerecord:

is:issue -label:activerecord

Additionally, this also works for pull requests:

is:pr -label:activerecord

Github has tabs for displaying open or closed issues and pull requests but you can also see merged pull requests. Just put the following in the filter:

is:merged

Syntax Highlighting in Markdown Files



"rut	v v blockauoti		
	= Blockquote	me', 'Emai	r)
	add machine		
-	able to a		

Emojis

Emojis can be added to Pull Requests, Issues, commit messages, repository descriptions, etc. using :name_of_emojic.

T	he top 5 used Emojis on QitHub are:
	shipit A sparkles
4.5	elec é

Images/GIFs

Images and GIFs can be added to comments



Raw images from the repo can be used by calling them directly

(EAST TestElector //gittum.com/fuscof/freps)/path/lange.gif]

All mages are cochect on CHRub, so if your host goes down the mage will remain available.

Embedding Images in GitHub Wiki

This syntax allow you to specify the height or width of the image



Pasting Clipboard Image to Comments

(Tested on Chrome and Firefox browsers)

After taking a screenshot and adding it to the clipboard (mac: cmd-ctrl-shift-4), you can simply paste (cmd-v / ctrl-v) the image into the comment section and it will be auto-uploaded to github.



Quick Licensing

☐ Initialize this repository with a README

When creating a repository. GitHub gives you the option of adding in a pre-made license



Ucerses can be added to an existing repositories by creating a new file, type UCENSE to get an aption to use a template:



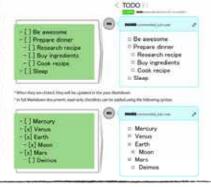
Rendering PDF Rendering PDF

Simply browse to a PDF document and it will be rendered in the browser like any other file.



Task Lists

In Issues and Pull requests check boxes can be added with the following syntax (notice the space):



Relative Links

Relative links are recommended in your Markdown files when linking to internal content.



Metadata and Plugin Support for GitHub Pages

Within Jekyll pages and posts, repository information is available within the site.github namespace, and can be displayed, for example, using [[site.github.project_title]].

The Jemoji and jekyll-mentions plugins enable emoji and @mentions in your Jekyll posts and pages to work just like you'd expect when interacting with a repository on GitHub.com.

Viewing YAML Metadata in your Documents

Blogging websites, like Jekyll with GitHub Pages, depend on YAML-formatted metadata at the beginning of the post. GitHub will render this metadata as a horizontal table for easier reading



Rendering Tabular Data

GitHub supports rendering tabular data in the form of . csv (comma-separated) and . tsv (tab-separated) files.



Revert a Pull Request

After a pull request is merged, you can revert the process by clicking the Revert button to create a pull request with reverted changes to this specific pull request.



Diffs

Rendered Prose Diffs

Connits and pull requests, including rendered documents supported by CHIA's feature source and rendered views.



Clast the "rendered" button to see the changes as they'll appear in the rendered document. Rendered prose view is handy when you're adding, removing, and editing texts.



Diffable Maps

Any time you view a commit or pull request on GitHub that includes geodata, GitHub will render a visual representation of what was changed.



Expanding Context in Diffs

Using the unfold button in the gutter of a diff, reveals additional lines of context with a click. clicking unfolds will reveal the whole file, this feature is available anywhere GitHub renders diffs.



Diff or Patch of Pull Request

Get the diff of a Pull Request by adding a diff or patch extension to the end of the URL. For example:

https://github.com/cheat-sheet/pull/15 https://github.com/cheat-sheet/pull/15.diff https://github.com/cheat-sheet/pull/15.patch

The extension would give you this in plain text:



Rendering and diffing images

GitHub can display several common image formats, including PNG, JPG, GIF, and PSD. In addition, there are several ways to compare differences between versions of those image formats,



Hub

Hub is a command line Git wrapper that gives extra features and commands that make working with GitHub easier. This allows you to do things like:

\$ hub clone GluuFederation/oxd

Contribution Guidelines

GitHub supports adding three different files which help users contribute to your project. These files can either be placed in the root of your repository or a gethub directory under the root.

CONTRIBUTING File

Adding a CONTRIBUTING or CONTRIBUTING. nd file to either the root of your repository or a contributor creates an Issue or opens a Pull Request.



SSH keys

You can get a list of public ssh keys in plain text format by visiting:

https://github.com/fuser3.begs

e.g. https://github.com/tiimgreen.keys

Profile Image

You can get a user's profile image by visiting:

https://github.com/(user).png
e.g. https://github.com/moabu.png

ISSUE_TEMPLATE file

A template can be defined for all new issues opened in a project. The content of this file will pre-populate the new issue box when users create new issues.

Add an ISSUE TEMPLATE or ISSUE TEMPLATE and file to either the root of repository or a Southern directory.



PULL REQUEST TEMPLATE file

You can define a template for all new pull requests opened in your project. The content of this file will pre-populate the text area when users create pull requests. Add a PULL_REQUEST_TEMPLATE or

PULL_REQUEST_TEMPLATE.md file to either the root of your repository or a github directory.

Octicons

GitHubs icons (Octicons) have now been open sourced.







GitHub Student Developer Pack

If you are a student you will be eligible for the GitHub Student Developer Pack. This gives you free credit, free trials and early access to software that will help you when developing.



GitHub Resources

Title	Link
GitHub Explore	https://github.com/explore
GitHub Blog	https://github.com/blog
GitHub Help	https://help.github.com/
GitHub Training	https://training.github.com/
GitHub Developer	https://developer.github.com/
Github Education	https://education.github.com/
GitHub Best Practices	https://www.datree.io/resources/github-best-practices

Repository Templates

You can enable templating on your repository which allows anyone to copy the directory structure and files, allowing them to instantly use the files (e.g. for a tutorial or if writing boilerplate code).

This can be enabled in the settings of your repository.



Changing to a template repository will give a new URL endpoint which can be shared and instantly allows users to use your repository as a template. Alternatively, they can go to your repository and click the 'Use as template' button.

0 *****	2 Seed :	Sime.	A termina	0.07
nit man i Newson	ed.	2000.00	de James Ben Deutsch Ber Ben	
	-			F
272		1000	MARKET .	
agent Statement		1975-		
eate a new repositor		ni isim m Maabu/ou		

Git

Remove All Deleted Files from the Working Tree

When you delete a lot of files using /bin/rm you can use the following command to remove them from the working tree and from the index, eliminating the need to remove each one individually:

```
$ git rm $(git ls-files -d)
```

For example:

```
E git status
On branch master
Changes not staged for cameit
deleties: a
deleties: a
deleties: a
deleties: a
deleties: a

$ git ru E(git ta-files -d)
ru 'a'

$ git status
On branch master
Changes to be consitted:
disletied: a
deletied: c
```

Previous Branch

To move to the previous branch in Git:

```
$ git checkeut - # Switched to branch 'master'

$ git checkeut - # Switched to branch 'next'

$ git checkeut - # Switched to Branch 'master'
```

Stripspace

Git Stripspace:

- · Strips trailing whitespace
- Collapses newlines
- Adds newline to end of file

A file must be passed when calling the command, e.a.:

```
$ git stripspace = NEADPE and
```

Fixup and Autosquash

If there is something wrong with a previous commit can be one or more from HEAD), for example blocks, run the following command after you've amended the problem:

```
$ git commit -finap-abode
$ git rebase abode* -antosquash -i
```

Checking out Pull Requests

Pull Requests are special branches on the GitHub repository which can be retrieved locally in several ways: Retrieve a specific Pull Request and store it temporarily in FETCH_NEAD for quickly diff-ing or nerge-ing:

```
$ git fetch origin refs/pull/[PR-Number]/head
```

Acquire all Pull Request branches as local remote branches by refspec:

```
3 git fetcm origin '+refs/pull/*/head:refs/remotes/origin/pr/*'
```

Or setup the remote to fetch Pull Requests automatically by adding these corresponding lines in your repository's

```
[reacts *origin*]

fetch = 4:0*s/heads/*;refs/reacts/origin/*

wrl = glt@glthub.com:/Sloofederation/oseath.glt
```

[reseta "erapia"]
fatch = *prein/leads/* refs/resetes/origia/*
art = git@github.cos:Glusfederation/oxAuth.git
fatch = *prein/ly/head.refs/resetes/oxAuth.git

For Fork-based Pull Request contributions, it's useful to checkout a remote branch representing the Pull Request and create a local branch from it:

```
$ git checkout pr/42 pr-42
```

Or should you work on more repositories, you can globally configure fetching pull requests in the global git config instead.

```
gan config -glocal --add remote anight, belon "reselvitall/inhous confi/emoteoristigat/pris"
```

This way, you can use the following short commands in all your repositories:



Merged Branches



will give you a list of all branches that have been merged into your current branch.



will give you a list of branches that have not been merged into your current branch.

GitHub Cheat Sheet

Empty Commits

Commits can be pushed with no code changes by adding -- allow-empty:



Some use-cases for this include:

- . Annotating the start of a new bulk of work or a new feature.
- · Documenting when you make changes to the project that aren't code related.
- · Communicating with people using your repository.
- The first commit of a repository: git commit -m "Initial commit" -- allow-empty

Styled Git Status



Styled Git Log



\$ git log -all -graph -pretty/forest: *CrosbaCreset -&Casto)*emCreset % *Cgreen(%cr) *C(bold blue)*han**Creset! -abbrev-coent -determinative





Git Query

A Git query allows you to search all your previous commit messages and find the most recent one matching the guery.



where query (case-sensitive) is the term you want to search, this then finds the last one and gives details on the lines that were changed.



Git Grep

Git Grep will return a list of lines matching a pattern. Running:



will show all the files containing the string aliases.





Press to quit.

You can also use multiple flags for more advanced search. For example:

The next parameter is the pattern (e.g., regex)

Combine multiple patterns.

Use it like this:

\$ gat grap -e pattern -- and -e anotherpatters

Web Server for Browsing Local Repositories

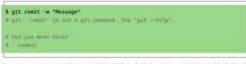
Use the Git <u>instance</u> command to instantly browse your working repository in <u>gitmee</u>. This command is a simple script to set up <u>gitmee</u> and a web server for browsing the local repository.



Auto-Correct

Git gives suggestions for misspelled commands and if auto-correct is enabled the command can be fixed and executed automatically. Auto-correct is enabled by specifying an integer which is the delay in tenths of a second before git will run the corrected command. Zero is the default value where no correcting will take place, and a negative value will run the corrected command with no delay.

For example, if you type git comit you will get this:



Auto-correct can be enabled like this (with a 1.5 second delay):

5-git config —global belp autocurrect 19

So now the command to swill be auto-corrected to the command like

1 git coeft -= "heatops" * MORQUNG: You called a Git usummend named 'comit', shich does not valid. * Continuing under the assumption that you meant 'commit' * in 1.5 seconds automatically.

The delay before git will rerun the command is so the user has time to abort.

Aliases

Aliases are helpers that let you define your own git calls. For example you could set git a to run git add --all.

To add an alias, either navigate to _/_gitconfig and fill it out in the following format:

ALIASTO	
Es = checkout	
cm + commit	
p = pinh	
# Stor yechook output about tags, branches or remotes	
tags = tag -1	
Branches # branck +a	
receives = receiv re	

tool type in the commond inte

S gat config — global alias non_atlas gat_Function

For example:

For an alias with multiple functions use quotes:

\$ git config --global allas ce commit

\$ git centing -- plotal alliance county

Some useful altasas include:

Alias	Command	Туре
2000	plants.	grissing-good above proved
gtos	Nesserang	gittering -global alesso checkind
3690	ptait A ground	generally global steer on high self A. SA pit commit.
900	pt status on	get county -global aleasan blatca skill.
an Sex	ansan.	grands procurate by 6
25 Souther	process:	growing global also imminer benefit.
at sterne	attento orgalizare") anjugitorci d	git configgrated electrishmore "git branchhorgad (give; v. ") lengt git branch op
UK Seninei	atmose	Street Controversion
ente	git month in git month in git month in git month in	grounds global about the con- ground grounds and Countries countries (Countries Countries to Countries) (Countries Countries countries)

Git Configurations

Your gitconfig file contains all your Git configurations.

Color

To add more color to your Git output:

\$ git config --global color.ui 1

Git Resources

Title	Link
Official Cit Site	http://git-scm.com/
Official Cit Video Tutorials	http://gri-scis.com/videor
Code School Try Cit	http://rygdwb.com/
Introductory Reference & Tutorial for Cit	http://ghieforg/
Official Cirl Tyronal	http://git-icrucos/docs/gittutorial
Everyday Cil	Milpi/ign-schiolon/docs/everydov
Git Impatory :	http://grawereicn.com/
G# Fait	fittes//gritub.com/garargobe/git-ks/l
Cit for Computer Scientists	http://eogsisset/urides/grt-for-computer-scientists/
C# Magic	RHp://www-cs-shiderns/onbidedu/-blynv/ghnogo
Cit Viscolsarion Playground	http://orkwei.grt/obio/explain-grt-unh-d3/#heeplay
Lean Cit francting	http://pcintle.githubsis/leamGitbranching/
A collection of useful gittginate templates	https://github.com/github/gitignoie
Union's gr-exita-connants calectar al gr scrats	https://grifub.com/union/gri-extra-contrands
Cititio repo chest sheet	https://githa.com/ingren/gitub-checkshen



Git Books

Title	Link
Pragmatic Version Control Using Git	https://pragprag.com/tifles/tsgit/pragmatic-version-control-using-git
Pro Git	http://git-scm.com/book
Cit Internals PluralSight	https://github.com/pluralsight/git-internals-pdf
Git in the Trenches	http://chi-33.github.io/gitt/
Version Control with Cit	http://www.magar.com/versin-Central CH-catabolisting-dayar.govert/rig/1849316380
Pragnatic Colde to Cit	https://pisapisa.com/tiles/pa.gt//pisagnate-guide-te-git
Cit. Version Control for Eversione	Tritas/Vassa pacific/b.com/application-development/git-varian-central-everyone

Git Videos

Title	Link
Linus Torvalds on Cit	https://www.youtube.com/gotch?v=4/grsht3/ox5
hitoduction to Git with Scutt Chapper	https://www.nocube.com/uorst0v-200433b0H7F
Gt Fish the Bits Up:	https://www.com/secon/seloh?v=M1P56Q.lpDr4
Craphy Hashey and Compressor, Ch Myl.	http://www.roun.be.com/potst?v=igSE8CcsB49g
Citivo franing & Guides	https://pupsech.becom/point/fel-PLg7shcb(AD15C88soc)/DLX25kx3guA-6v-Fstat34HaM

Git Articles

Title	Link
Grillob Flow	http://sconchacor.com/2011/08/31/grthub-floatitel
	http://wobar.com/or/tor-article-gest in/fixigating to-gill fill folderstooring decolerating applications with large files/

THE END