





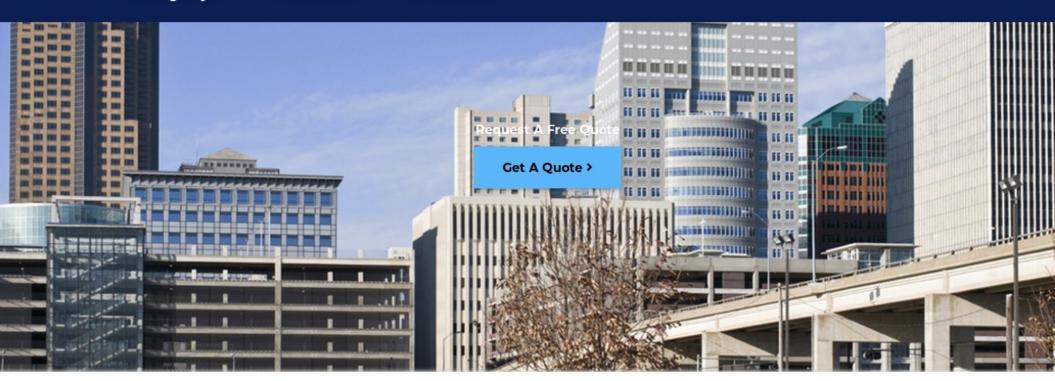
GIT Insurance

245 NE Venture Dr Suite 1 Waukee, IA 50263



515-897-4448 Fax: 888-651-7816















Name	*	Size	Туре
abstract_1.docx		3,1 kB	Microsoft Word Document
abstract_2.docx		6,1 kB	Microsoft Word Documen
abstract_4.docx		9,2 kB	Microsoft Word Document
abstract_4 (copy 2).docx		11,8 kB	Microsoft Word Documen
abstract_4-corrections.docx		9,2 kB	Microsoft Word Documen
abstract_final.docx		12,8 kB	Microsoft Word Documen
abstract_final (copy 1)_LAST (copy 1).docx		4,1 kB	Microsoft Word Documen
abstract_finalREALLY_FINALLL-uargh.docx		11,8 kB	Microsoft Word Documen
abstract_final-upload-this.docx		16,4 kB	Microsoft Word Documen

Why?

- GIT as solution for versioning files
- GIT as solution for collaboration
- GIT for distributing software/code

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- think of the commit as change ("patches")

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- think of the commit as change ("patches")
- operations on the tree of commits: branch, rebase, cherry-pick, merge, sending commits (push/pull)

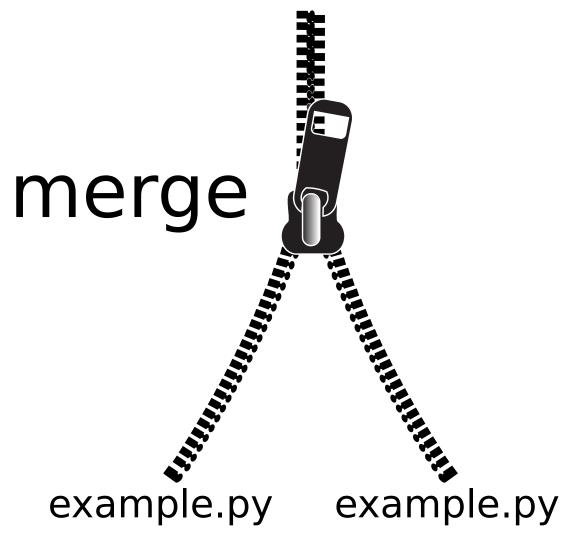
command line

- command line
- GUIs, IDE integration

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- GUIs, IDE integration
- API (eg. Python etc.)

example.py

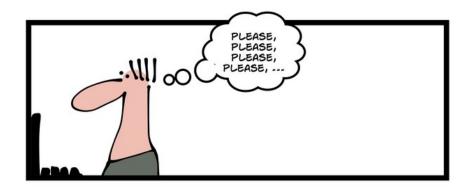
after successful merge

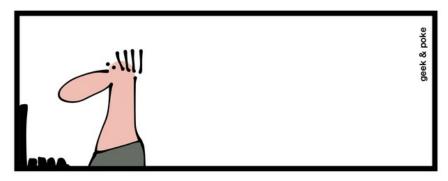


modified by Alice

modified by Bob

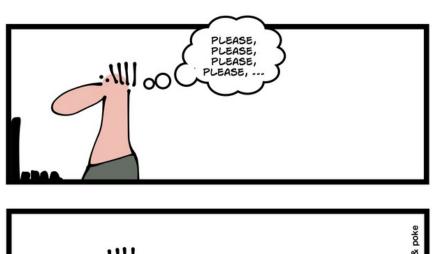
```
638b251c6 (Keisuke Fujii
                             2018-09-28 08:54:29 +0200)
538b251c6 (Keisuke Fujii
                             2018-09-28 08:54:29 +0200
                                                          14 # Used as a sentinel value to indicate a all dimensions
638b251c6 (Keisuke Fujii
                             2018-09-28 08:54:29 +0200)
                                                          15 ALL DIMS = ReprObject('<all-dims>')
adcc4836c (Stephan Hoyer
                             2014-04-30 01:56:35 -0700
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
                                                          18 class ImplementsArrayReduce(object):
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
                                                                 @classmethod
of299aa6f (Stephan Hoyer
                             2015-01-03 22:14:51 +0200
                                                                 def reduce method(cls, func, include skipna, numeric only):
f299aa6f (Stephan Hoyer
                                                                     if include skipna:
                             2015-01-03 22:14:51 +0200
 f299aa6f (Stephan Hoyer
                             2015-01-03 22:14:51 +0200)
                                                                         def wrapped func(self, dim=None, axis=None, skipna=None,
 d55f9990 (Tom Nicholas
                             2018-10-30 01:01:07 +0000
                                                                                           **kwargs):
                                                                              return self.reduce(func, dim, axis,
6d55f9990 (Tom Nicholas
                             2018-10-30 01:01:07 +0000
1d2b36974 (Stephan Hoyer
                                                                                                 skipna=skipna, allow lazy=True, **kwarqs)
                             2015-03-29 23:00:54 -0700
                                                                     else:
bf299aa6f (Stephan Hoyer
                             2015-01-03 22:14:51 +0200
6963164db (Stephan Hoyer
                             2019-01-07 23:21:41 -0800
                                                                         def wrapped func(self, dim=None, axis=None, # type: ignore
c22f6e5ac (Stephan Hoyer
                             2015-03-26 20:53:59 -0700)
                                                                                           **kwargs):
                                                                              return self.reduce(func, dim, axis,
 d55f9990 (Tom Nicholas
                             2018-10-30 01:01:07 +0000
                                                                                                 allow lazy=True, **kwarqs)
c22f6e5ac (Stephan Hoyer
                             2015-03-26 20:53:59 -0700)
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
                                                                     return wrapped func
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
0b9ab2d12 (Keisuke Fujii
                             2018-08-16 15:59:32 +0900
                                                                 reduce extra args docstring = dedent("""\
0b9ab2d12 (Keisuke Fujii
                             2018-08-16 15:59:32 +0900
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700)
                                                                         Dimension(s) over which to apply `{name}`.
18c7b9dbf (Stephan Hover
                             2014-06-22 01:07:03 -0700
                                                                     axis: int or sequence of int, optional
39f0d0122 (Stephan Hoyer
                             2014-08-12 22:09:56 -0700)
                                                                         and 'axis' arguments can be supplied. If neither are supplied, then
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
Ob9ab2d12 (Keisuke Fujii
                             2018-08-16 15:59:32 +0900
                                                                          '{name}' is calculated over axes.""")
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
                                                                  cum extra args docstring = dedent("""\
0b9ab2d12 (Keisuke Fujii
                             2018-08-16 15:59:32 +0900
0b9ab2d12 (Keisuke Fujii
                             2018-08-16 15:59:32 +0900
9cf107b52 (Phillip Wolfram
                            2016-10-03 15:05:32 -0600
9cf107b52 (Phillip Wolfram
                             2016-10-03 15:05:32 -0600
                                                          44
9cf107b52 (Phillip Wolfram
                                                                         Axis over which to apply `{name}`. Only one of the 'dim'
                             2016-10-03 15:05:32 -0600
0b9ab2d12 (Keisuke Fujii
                                                                         and 'axis' arguments can be supplied.""")
                             2018-08-16 15:59:32 +0900
9cf107b52 (Phillip Wolfram
                            2016-10-03 15:05:32 -0600
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
                             2014-06-22 01:07:03 -0700
18c7b9dbf (Stephan Hover
                                                          49 class ImplementsDatasetReduce(object):
d9a9135c (Stephan Hoyer
                             2014-02-13 00:25:45 -0500)
                                                                 @classmethod
                                                                 def reduce method(cls, func, include skipna, numeric only):
of299aa6f (Stephan Hoyer
                             2015-01-03 22:14:51 +0200
 f299aa6f (Stephan Hoyer
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                                                                     if include skipna:
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                                                                                           **kwargs):
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                                                                                                 **kwargs)
18c7b9dbf (Stephan Hoyer
                             2014-06-22 01:07:03 -0700
                                                                     return wrapped func
```







GIT BLAME

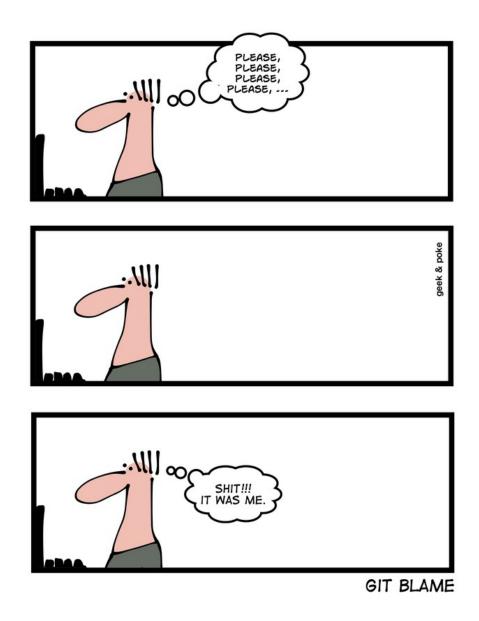






GIT BLAME

Source:



Source: http://geek-and-poke.com/geekandpoke/2013/11/24/simply-explained



git-avoid-area(1) Manual Page

NAME

git-avoid-area — avoid the non-rev-listed applied areas for all rebased branches

SYNOPSIS

```
git-avoid-area --minimize-seize-submodule [ --conceive-flush-area | --hit-tip |
    --sidestep-mutilate-tip ]
```

DESCRIPTION

git-avoid-area avoids all upstream areas opposite of all cloned non-archived unstaged heads, and all checked indices are forward-ported to INTENSIFY_BRANCH by git-foster-commit.

The --supervise-utilize-file argument can be used to note an area for the upstream that is counted by a passive change, so it is in some cases a small chance that a rev-listed failure may prevent passive diffing of the specified objects. Any allotting of a subtree that configures a tip immediately after can be cherry-picked with git-douse-path. It is sometimes a rare chance that a bundled error can prevent temporary fetching of the remoted paths.

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Source: https://git-man-page-generator.lokaltog.net/

git-push(1) Manual Page

NAME

git-push - Update remote refs along with associated objects

SYNOPSIS

```
git push [--all | --mirror | --tags] [--follow-tags] [--atomic] [-n | --dry-run] [--receive-pack=<git-receive-pack>]
        [--repo=<repository>] [-f | --force] [-d | --delete] [--prune] [-v | --verbose]
        [-u | --set-upstream] [-o <string> | --push-option=<string>]
        [--[no-]signed|--signed=(true|false|if-asked)]
        [--force-with-lease[=<refname>[:<expect>]]]
        [--no-verify] [<repository> [<refspec>...]]
```

DESCRIPTION

Updates remote refs using local refs, while sending objects necessary to complete the given refs.

You can make interesting things happen to a repository every time you push into it, by setting up *hooks* there. See documentation for git-receive-pack(1).

When the command line does not specify where to push with the repository> argument, branch.*.remote
configuration for the current branch is consulted to determine where to push. If the configuration is missing, it defaults
to origin.

git-rebase(1) Manual Page

NAME

git-rebase - Reapply commits on top of another base tip

SYNOPSIS

DESCRIPTION

If

Specified, git rebase will perform an automatic git checkout

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If <upstream> is not specified, the upstream configured in branch.<name>.remote and branch.<name>.merge options will be used (see git-config(1) for details) and the --fork-point option is assumed. If you are currently not on any branch or if the current branch does not have a configured upstream, the rebase will abort.

All changes made by commits in the current branch but that are not in <upstream> are saved to a temporary area. This is the same set of commits that would be shown by git log <upstream>..HEAD; or by git log 'fork_point'..HEAD, if --fork-point is active (see the description on --fork-point below); or by git log HEAD, if the --root option is specified.

The current branch is reset to <upstream>, or <newbase> if the --onto option was supplied. This has the exact same effect as git reset --hard <upstream> (or <newbase>). ORIG_HEAD is set to point at the tip of the branch before the reset

git-rebase(1) Manual Page

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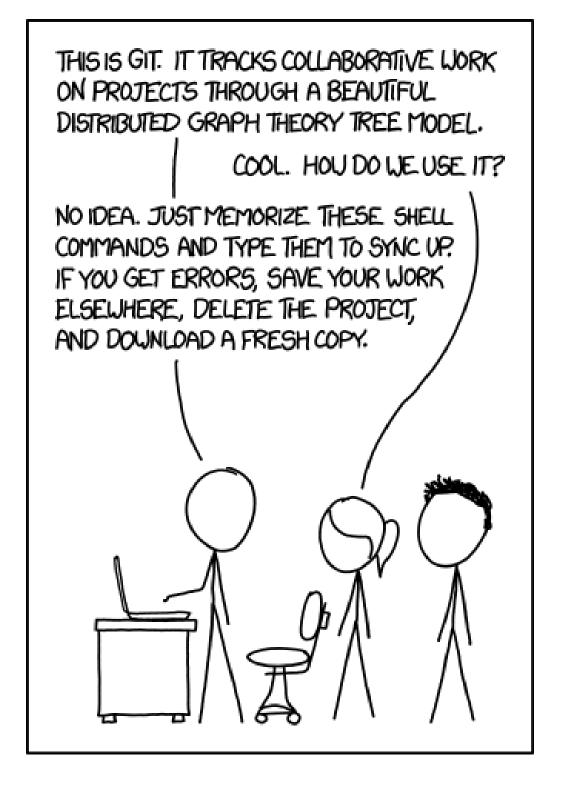
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Source:

```
https://git.github.io/htmldocs/git-push.html
https://git.github.io/htmldocs/git-rebase.html
https://stevebennett.me/2012/02/24/10-things-i-hate-about-git/
```





If that doesn't fix it, git.txt contains the phone number of a friend of mine who understands git.

Just wait through a few minutes of 'It's really pretty simple, just think of branches as...' and eventually you'll learn the commands that will fix everything.



Source: https://xkcd.com/1597

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More reasons why GIT is bad:

https://svnvsgit.com/

	COMMENT	DATE
Q	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
φ.	ENABLED CONFIG FILE PARSING	9 HOURS AGO
¢	MISC BUGFIXES	5 HOURS AGO
ф	CODE ADDITIONS/EDITS	4 HOURS AGO
Q.	MORE CODE	4 HOURS AGO
þ	HERE HAVE CODE	4 HOURS AGO
Ιþ	AAAAAAA	3 HOURS AGO
Ø.	ADKFJSLKDFJSDKLFJ	3 HOURS AGO
φ .	MY HANDS ARE TYPING WORDS	2 HOURS AGO
þ	HAAAAAAAANDS	2 HOURS AGO

AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.

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Q	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
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Source:

https://xkcd.com/1296/