

# PDXGit Meeting Zero

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# What's new in Git 1.7.x

- Submodules suck less!
- Multi-cherry-pick
- Sparse checkouts
- git grep is multithreaded!
- git-svn groks svn merges
- git stash corner cases fixed
- general gitweb improvements

# What's new in Git 1.7.x

Sugar for deleting branches:

- `git push origin :goner`
- `git push origin -delete goner`

Other stuff:

- New diff algorithm available called "patience"
- `git merge -edit #` instead of `-nocommit`
- `git submodule update -init -recursive`

# What is libgit2?



# What is libgit2, seriously?

- Reimplementation of Git
- Like a kid sister, not a fork or replacement
- Fixes issues that are baked into Git 1.x being for the CLI, not a library
- Portable, supports Windows natively
- Lighter footprint, better for embedded/mobile apps

# What is libgit2, seriously?

<http://libgit2.github.com>

a linkable library for Git

# libgit2



libgit2 is a portable, pure C implementation of the Git core methods provided as a re-entrant linkable library with a solid API, allowing you to write native speed custom Git applications in any language which supports C bindings.

Getting started

Features

Compiling

Bindings

Usage Guide

# What is libgit2, seriously?

What can it do now?

- Open repos
- Look inside repos
- Create commits, search through commits

Coming soon:

- Pushing + pulling from remotes

# How do I get involved with libgit2?

- <https://github.com/libgit2>
- #libgit2 on freenode
- libgit2@librelist.com



# How do I get involved with PDXGit?

- <https://github.com/pdxgit>
- <http://pdxgit.com> (Will fix this soon)
- [pdxgit@librelist.com](mailto:pdxgit@librelist.com)

# Stalk Me

- <http://dukeleto.pl>
- <http://linkedin.letto.net>
- <http://twitter.com/dukeleto>
- <http://identi.ca/letto>
- dukeleto on irc.perl.org, Freenode, Mozilla