1.7.9.2

Git v1.7.9.2 Release Notes ==========================

Fixes since v1.7.9.1 --------------------

- Bash completion script (in contrib/) did not like a pattern that begins with a dash to be passed to __git_ps1 helper function.
- Adaptation of the bash completion script (in contrib/) for zsh incorrectly listed all subcommands when "git <TAB><TAB>" was given to ask for list of porcelain subcommands.
- The build procedure for profile-directed optimized binary was not working very well.
- Some systems need to explicitly link -lcharset to get locale_charset().
- t5541 ignored user-supplied port number used for HTTP server testing.
- The error message emitted when we see an empty loose object was not phrased correctly.
- The code to ask for password did not fall back to the terminal input when GIT_ASKPASS is set but does not work (e.g. lack of X with GUI askpass helper).
- We failed to give the true terminal width to any subcommand when they are invoked with the pager, i.e. "git -p cmd".
- map_user() was not rewriting its output correctly, which resulted in the user visible symptom that "git blame -e" sometimes showed excess ’>’ at the end of email addresses.
- "git checkout -b" did not allow switching out of an unborn branch.
- When you have both …/foo and …/foo.git, "git clone …/foo" did not favor the former but the latter.
- "git commit" refused to create a commit when entries added with "add -N" remained in the index, without telling Git what their content in the next commit should be. We should have created the commit without these paths.
- "git diff --stat" said "files", "insertions", and "deletions" even when it is showing one "file", one "insertion" or one "deletion".

- The output from "git diff --stat" for two paths that have the same amount of changes showed graph bars of different length due to the way we handled rounding errors.
- "git grep" did not pay attention to -diff (hence -binary) attribute.
- The transport programs (fetch, push, clone)ignored --no-progress and showed progress when sending their output to a terminal.
- Sometimes error status detected by a check in an earlier phase of "git receive-pack" (the other end of "git push") was lost by later checks, resulting in false indication of success.
- "git rev-list --verify" sometimes skipped verification depending on the phase of the moon, which dates back to 1.7.8.x series.
- Search box in "gitweb" did not accept non-ASCII characters correctly.
- Search interface of "gitweb" did not show multiple matches in the same file correctly.

Also contains minor fixes and documentation updates.

□□□ #2
□ □□□ □□□ 2026-10-31 19:51:21 UTC
□ □□□ □□□ 2026-10-31 19:51:22 UTC