1.5.4.5

GIT v1.5.4.5 Release Notes ==========================

Fixes since v1.5.4.4 --------------------

- "git fetch there" when the URL information came from the Cogito style branches/there file did not update refs/heads/there (regression in 1.5.4).
- Bogus refspec configuration such as "remote.there.fetch = =" were not detected as errors (regression in 1.5.4).
- You couldn’t specify a custom editor whose path contains a whitespace via GIT_EDITOR (and core.editor).
- The subdirectory filter to "git filter-branch" mishandled a history where the subdirectory becomes empty and then later becomes non-empty.
- "git shortlog" gave an empty line if the original commit message was malformed (e.g. a botched import from foreign SCM). Now it finds the first non-empty line and uses it for better information.
- When the user fails to give a revision parameter to "git svn", an error from the Perl interpreter was issued because the script lacked proper error checking.
- After "git rebase" stopped due to conflicts, if the user played with "git reset" and friends, "git rebase --abort" failed to go back to the correct commit.
- Additional work trees prepared with git-new-workdir (in contrib/) did not share git-svn metadata directory .git/svn with the original.
- "git-merge-recursive" did not mark addition of the same path with different filemodes correctly as a conflict.
- "gitweb" gave malformed URL when pathinfo stype paths are in use.
- "-n" stands for "--no-tags" again for "git fetch".
- "git format-patch" did not detect the need to add 8-bit MIME header when the user used format.header configuration.
- "rev~" revision specifier used to mean "rev", which was inconsistent with how "rev^" worked. Now "rev~" is the same as "rev~~1" (hence it also is the same as "rev^1"), and "rev~~

0" is the same as "rev^0" (i.e. it has to be a commit).

- "git quiltimport" did not grok empty lines, lines in "file -pNNN" format to specify the prefix levels and lines with trailing comments.

- "git rebase -m" triggered pre-commit verification, which made "rebase --continue" impossible.

As usual, it also comes with many documentation fixes and clarifications.

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