

## Foreman - Bug #8874

### gettext 3.1.13+ causes locale tx-update errors due to .edit.po files

01/08/2015 11:02 AM - Dominic Cleal

|  |  |                           |
|--|--|---------------------------|
| <b>Status:</b>   | Closed   |                           |
| <b>Priority:</b>   | Normal   |                           |
| <b>Assignee:</b>   | Dominic Cleal  |                           |
| <b>Category:</b>   | Internationalization   |                           |
| <b>Target version:</b>   | 1.11.0   |                           |
| <b>Difficulty:</b>   |  | <b>Fixed in Releases:</b> |
| <b>Triaged:</b>  |  | <b>Found in Releases:</b> |
| <b>Bugzilla link:</b>  |  | <b>Red Hat JIRA:</b>      |
| <b>Pull request:</b>   | <a href="https://github.com/theforeman/foreman/pull/2096">https://github.com/theforeman/foreman/pull/2096</a> ,<br><a href="https://github.com/theforeman/foreman_discovery/pull/244">https://github.com/theforeman/foreman_discovery/pull/244</a> |                           |
| <b>Description</b>   |  |                           |
| Since gettext 3.1.13+ locale updates aren't working quite right, as some new .edit.po and timestamp files in the locale directories are created, which breaks the git commits in our Makefile. |  |                           |
| The intention appears to be that we pull translations into the .edit.po files instead, which get merged into the .po files by gettext.   |  |                           |
| <b>Related issues:</b>   |  |                           |
| Related to Hammer CLI - Tracker #8978: Drop Ruby 1.8 support in hammer   | <b>Closed</b>  | <b>01/15/2015</b>         |
| Blocks Foreman - Bug #13033: plugin:gettext rake task doesn't load with gette...   | <b>Closed</b>  | <b>01/07/2016</b>         |

#### Associated revisions

##### Revision 4406f5af - 02/03/2016 07:46 AM - Dominic Cleal

fixes #8874 - rework POT/PO updates for gettext 3's edit.po

3.1.13 adds an intermediate .edit.po file alongside each .po, which is meant to be kept outside of SCM and updated by users, whereupon it's merged back into the .po on the next rake gettext:find execution.

Previously we overwrite all gettext .po file changes with files directly from Transifex, but now these are downloaded to .edit.po and gettext merges them back in. Fuzzy merges have been disabled as they were inaccurate.

#### History

##### #1 - 01/12/2015 10:16 AM - Dominic Cleal

Previously...

- make -C locale tx-update
  - pulls rails locale files
  - runs tx pull, which overwrites locale/\*/foreman.po
  - git commits
  - runs rake locale:po\_to\_json, which converts foreman.po to app.js
  - runs rake locale:find, which overwrites locale/foreman.po, re-merges locale/\*/foreman.po
  - reverts locale/\*/foreman.po from previous step
  - git amends

Now there's an .edit.po and real .po file, tx pull should in theory go to the edit file first, then let gettext handle merging back to .po.

##### #2 - 01/15/2015 10:27 AM - Dominic Cleal

I opened <https://github.com/ruby-gettext/gettext/issues/36> to ask for examples or help on what the .edit.po is for, and how it should be used before deciding exactly how to proceed.

##### #3 - 01/15/2015 07:19 PM - Anonymous

- Related to Tracker #8978: Drop Ruby 1.8 support in hammer added

#### #4 - 01/19/2015 09:38 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing
- Pull request <https://github.com/foreman/foreman/pull/2096> added
- Pull request deleted ()

#### #5 - 01/19/2015 09:54 AM - Dominic Cleal

Now:

- make -C locale tx-update
  - pulls rails locale files
  - runs rake locale:find, which updates foreman.pot, generates .po and .edit.po files
  - runs tx pull, which overwrites locale\*/foreman.edit.po
  - runs rake locale:find, which merges into locale\*/foreman.po
  - runs rake locale:po\_to\_json, which converts foreman.po to app.js
  - git commits

#### #6 - 02/09/2015 08:54 AM - Dominic Cleal

- translation missing: en.field\_release set to 28

Needed to rebuild POT/PO files in 1.8.

#### #7 - 04/27/2015 06:48 AM - Dominic Cleal

- translation missing: en.field\_release changed from 28 to 50

#### #8 - 05/20/2015 02:25 AM - Dominic Cleal

- translation missing: en.field\_release changed from 50 to 56

#### #9 - 06/15/2015 05:17 AM - Dominic Cleal

- translation missing: en.field\_release deleted (56)

#### #10 - 01/15/2016 04:21 AM - Dominic Cleal

- Blocks Bug #13033: plugin:gettext rake task doesn't load with gettext\_i18n\_rails\_js 1.x added

#### #11 - 02/03/2016 06:17 AM - The Foreman Bot

- Pull request [https://github.com/foreman/foreman\\_discovery/pull/244](https://github.com/foreman/foreman_discovery/pull/244) added

#### #12 - 02/03/2016 08:01 AM - Dominic Cleal

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset [4406f5af6a8123a93771d4bff5f3dd29769ab0e9](#).

#### #13 - 02/03/2016 08:02 AM - Dominic Cleal

- translation missing: en.field\_release set to 71