

## Smuxi - Feature # 231: Show difference between old and new topic

|                     |  |                     |             |
|---------------------|--|---------------------|-------------|
| <b>Status:</b>      | Closed   | <b>Priority:</b>    | Low         |
| <b>Author:</b>      | Mirco Bauer  | <b>Category:</b>    | Other       |
| <b>Created:</b>     | 11/03/2009   | <b>Assigned to:</b> | Mirco Bauer |
| <b>Updated:</b>     | 07/13/2014   | <b>Due date:</b>    |             |
| <b>Complexity:</b>  | High   |                     |             |
| <b>Subject:</b>     | Show difference between old and new topic  |                     |             |
| <b>Description:</b> | When someone changes the topic, smuxi could show which part changed by using a wdiff algorithm. This makes the actually change more clear for long topics as often seen on big IRC channels. |                     |             |

### History

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#### 01/04/2010 10:56 PM - David Paleino

- Assigned to changed from Mirco Bauer to David Paleino
- Target version set to 0.7

#### 01/05/2010 02:36 AM - Mirco Bauer

- Complexity set to High
- This requires a wdiff-like algorithm

#### 01/06/2010 02:28 PM - David Paleino

- % Done changed from 0 to 30
- I currently implemented a "character-diff" algorithm, thus setting completion percentage to 30%.

I'll work on making that a word-diff, and that will grant me a 70% completion :)

As soon as I integrate that with Topic Change, I'll complete the work. YAY \o/

#### 01/06/2010 06:54 PM - Mirco Bauer

- Priority changed from Normal to Low

#### 01/07/2010 06:55 PM - Mirco Bauer

Initial attempt: <http://gitorious.org/~dpaleino/smuxi/dpaleino-smuxi/commit/94dcaa2d6a19301b19e316f63ddceed519a294ee>

#### 01/08/2010 09:51 AM - Mirco Bauer

- Target version changed from 0.7 to 0.8

#### 01/11/2010 04:35 PM - Mirco Bauer

One of these implementation might help:  
<http://code.google.com/p/google-diff-match-patch/>  
<http://www.mathertel.de/Diff/ViewSrc.aspx>

#### 08/21/2010 10:32 AM - Mirco Bauer

- Target version changed from 0.8 to TBD

#### 09/29/2010 04:47 PM - Mirco Bauer

<http://svn.df7cb.de/dotfiles/cb/.irssi/scripts/topic-diff.pl>

#### 07/13/2014 11:07 AM - Mirco Bauer

<http://www.codeproject.com/Articles/39184/An-LCS-based-diff-ing-library-in-C>

#### 07/13/2014 07:49 PM - Mirco Bauer

- Category changed from Engine IRC to Other

- Status changed from New to Closed

- Assigned to changed from David Paleino to Mirco Bauer

- Target version changed from TBD to 1.0

Showing topic differences implemented as a Smuxi hook (requires Smuxi >= 0.12-dev):

<https://github.com/meebey/smuxi-hooks/blob/master/topic-diff/engine/session/on-event-message/topic-diff.sh>

**07/13/2014 07:49 PM - Mirco Bauer**

- % Done changed from 30 to 100