### Smuxi Issues [FROZEN ARCHIVE] - Feature # 231: Show difference between old and new topic

| Status:      | Closed   | Priority:    | Low         |
|--------------|--|--------------|-------------|
| Author:      | Mirco Bauer  | Category:    | Other       |
| Created:     | 11/03/2009   | Assigned to: | Mirco Bauer |
| Updated:     | 07/13/2014   | Due date:    |             |
| Complexity:  | High   |              |             |
| Subject:     | Show difference between old and new topic  |              |             |
| Description: | 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**

#### 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

 $Initial\ attempt:\ http://gitorious.org/\sim dpaleino/smuxi/dpaleino-smuxi/commit/94dcaa2d6a19301b19e316f63ddceed519a294ee$ 

#### 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

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- 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

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