

## Core - Bug # 24121

<b>Status:</b>	Closed	<b>Priority:</b>	Should have
<b>Author:</b>	Kay Strobach	<b>Category:</b>	
<b>Created:</b>	2010-11-18	<b>Assigned To:</b>	Steffen Kamper
<b>Updated:</b>	2011-02-11	<b>Due date:</b>	
<b>TYPO3 Version:</b>	4.5		
<b>PHP Version:</b>	5.3		
<b>Complexity:</b>			
<b>Is Regression:</b>			
<b>Sprint Focus:</b>			
<b>Subject:</b>	Link field for images is too short to provide links for every image		
<b>Description</b>			
	The field should be an textarea like it is for "alt" and "title" text.		
	Long and annoying discussion on the german newsgroup		
	<a href="http://lists.typo3.org/pipermail/typo3-german/2010-November/073503.html">http://lists.typo3.org/pipermail/typo3-german/2010-November/073503.html</a>		
	The problem is very old and Gerhard Obermayr told about that about 2 years ago. (issue imported from #M16462)		
<b>Related issues:</b>			
related to Core - Feature # 23766: Implement new layout and labels for tt_con...	<b>Closed</b>	<b>2010-10-17</b>	
related to Core - Task # 57006: SoftReferenceIndex typolink[linkList] missing...	<b>Resolved</b>	<b>2014-03-17</b>	
duplicated by Core - Bug # 18656: image_link: commas in URLs will be truncated	<b>Closed</b>	<b>2008-04-21</b>	

### History

#### #1 - 2010-11-18 11:06 - Kay Strobach

change typo3/sysextd/cms/ext\_tables.sql:396

```
image_link varchar(255) DEFAULT " NOT NULL,
```

to:

```
image_link text DEFAULT " NOT NULL,
```

change typo3/sysextd/cms/tbl\_tt\_content.php: around 822

```
'type' => 'input',  
    'size' => '50',
```

to

```
'type' => 'text',  
    'cols' => '30',  
    'rows' => '3',
```

additionally we need to change the seperation to breaks instead of comma (or both?) in the template (css\_styled\_content i assume)

#### #2 - 2010-11-18 11:22 - Jo Hasenau

Actually a first step has been made already, since the current TCA says:

'max' => '51200'

which is the maximum number of images (200) multiplied by a maximum value of 256 per URL

Original DIFF can be found here: #23766

Since this was my patch, I just implemented a resized DB field as well, but: The patch was just about the TCA, so the DB field size had to be removed before committing it.

IMHO we could do a follow up to this patch during the beta phase, since the current size of the DB field doesn't match the TCA.

**#3 - 2010-11-18 11:24 - Jo Hasenau**

BTW: If there will be a change in the TypoScript, it surely has to be backwards compatible, since the existing CSV lists MUST still work with 4.5

**#4 - 2010-11-18 11:29 - Kay Strobach**

please add relation "related" to #0016031

**#5 - 2010-11-18 11:46 - Henrik Ziegenhain**

Yeb, is Feature/Enhancement would be very cool.

I agree with Joey that we must stay compatible

**#6 - 2010-11-18 11:49 - Kay Strobach**

@JoH, what about an update script?

convert comma link fields into \n link fields? The installtool could do that ;)

**#7 - 2010-11-18 12:01 - Jo Hasenau**

I don't think this will still be considered a "bugfix" then.

IMHO it should be possible to implement a check for both, linebreak and comma, in that order, since the current CSV version based on an "input" field will never contain a linebreak.

**#8 - 2010-11-18 12:10 - Jo Hasenau**

On the other hand, the URL definition <http://www.ietf.org/rfc/rfc1738.txt> says:

Thus, only alphanumerics, the special characters "\$-\_.+!\*'(),", and reserved characters used for their reserved purposes may be used unencoded within a URL.

Which means: A comma is a legal part of a URL thus it must NOT be used as a separator.

This is what #18656 is about, so this one is related as well.

So after all it seems we do need a conversion script to fix all these bugs in one go.

**#9 - 2010-11-18 12:21 - Kay Strobach**

Jupp, i didn't had the rfc in my hand - but you're completely right!

Perhaps we can increase the priority ;)

**#10 - 2010-11-18 12:49 - Kay Strobach**

please add relation "related" to #0008184

**#11 - 2010-11-18 13:02 - Steffen Gebert**

I think with a working upgrade wizard, this still has a good chance to go into 4.5 with RM approval.

I see no problem in just changing the comma to \n, as comma-urls never should have worked.

**#12 - 2010-11-18 13:02 - Kay Strobach**

duplicate is not fully correct.

This bug is about UI and we discussed problems and solutions.

#0008184 is about a rendering problem in the fe!

OK, fe and be are related, but it's not really the same.

**#13 - 2010-11-18 13:38 - Jo Hasenau**

Actually both are about the same issue:

URLs can't be used according to <http://www.ietf.org/rfc/rfc1738.txt>

because

a) the field size is much too small

b) the separation is done by a character that can be a legal part of a URL

**#14 - 2010-11-19 22:24 - Jo Hasenau**

So do we agree on the following fixes to be necessary:

Change the DB field type to "text", because anything else won't fit 200 times the maximum size of a legal URL

Change the separation of links from CSV to linebreaks, because a comma can be a legal character used in a non encoded URL

Change the TCE form element to textarea, because this allows the necessary line breaks

**#15 - 2010-11-19 22:26 - Jo Hasenau**

If this is considered to be a bug, we should provide patches and update scripts for currently supported versions as well.

But this should be discussed with the release managers of these versions first.

**#16 - 2010-11-19 22:43 - Steffen Gebert**

Steffen, you assigned this entry to yourself. Are you working on this? I think this signals your approval with this change.

Besides the changes mentioned by Jo:

(4) upgrade wizard to change all , to \n

**#17 - 2011-01-04 15:44 - Jo Hasenau**

any news on this one?

I could provide a patch for (1), (2) and (3) but not (4) - so if there's nobody else currently working on that issue, I will do the RFC.

**#18 - 2011-01-04 15:46 - Steffen Gebert**

I dislike assigning bugs, when nobody is working on them. Steffen, could you please try to avoid this?

IMHO it's too late for 4.5, we still have too many open issues to solve.

**#19 - 2011-01-04 16:01 - Jo Hasenau**

this is a bugfix and not a feature - so it should be no big deal

I will provide a patch anyway

**#20 - 2011-01-04 16:03 - Steffen Gebert**

I mean in terms of workload (to code, review and test..)

Nevertheless, feel free - would be welcome, of course!

**#21 - 2011-01-06 15:58 - Jo Hasenau**

Working patch for 4.5 is attached

I will inform Benni so that he can check if this can be fixed in 4.4 as well.

**#22 - 2011-01-06 16:12 - Jo Hasenau**

Pending in the Core List

**#23 - 2011-01-06 18:30 - Jo Hasenau**

Attached another variant of the patch that will separate "old" field values by comma and new ones by line break

As soon as there is at least one linebreak available in the value, it must be a "new" one - therefor I changed the JS function to always include a linebreak at the end of the value

**#24 - 2011-01-06 19:42 - Kay Strobach**

thanks to everyone working on that issue ;)

**#25 - 2011-01-06 22:16 - Jo Hasenau**

Attached v2 of the alternative version that fixes an issue with the tabs in the link browser wizard not working when there are already 2 or more links in the textarea.

This will apply to the other version as well, so I will provide a v2 for that as well as soon as we got a decision which way to go.

**#26 - 2011-01-07 12:22 - Jo Hasenau**

Attached v2 of the original version that fixes an issue with the tabs in the link browser wizard not working when there are already 2 or more links in the textarea.

**#27 - 2011-01-18 20:10 - Christian Kuhn**

trunk rev. 10117.

**#28 - 2011-01-18 20:29 - Kay Strobach**

mhmm, field is very good,

but there is a little BUT:

All other fields are divided by CRLF,

Links are divided by COMMA (,)

That's inconsistent :( perhaps it's also possible to accept CRLF or convert COMMA to CRLF in installtool?

**#29 - 2011-01-18 20:51 - Jo Hasenau**

There is no BUT, since this behaviour has been kicked with this patch as well.

The patch adds the necessary changes to CSS styled content AND provides an update wizard to modify existing link fields from comma to line feed.

**#30 - 2011-01-18 21:23 - Kay Strobach**

ok, you're right.

I had the wrong `css_styled_content` included.

Last thing

The german field label translation still requests for a comma.

Don't know how to fix this, as it depends on `css_styled_content` and it's version - right?

**#31 - 2011-01-18 21:31 - Christian Kuhn**

@Kay: This will change if translators update the labels.

## Files

---

16426.diff	3.4 kB	2011-01-06	Administrator Admin
16426_alternative.diff	4.1 kB	2011-01-06	Administrator Admin
16426_alternative_v2.diff	4.7 kB	2011-01-06	Administrator Admin
16426_v2.diff	4.3 kB	2011-01-07	Administrator Admin
16426_v3.diff	9 kB	2011-01-18	Administrator Admin