

TYPO3 Core - Bug #22399

Gifbuilder using breakWidth/breakSpace: lineHeight depends on rendered text

2010-04-08 16:05 - Harald Glaser

Status:	Closed	Start date:	2010-04-08
Priority:	Should have	Due date:	
Assignee:		% Done:	100%
Category:	Image Generation / GIFBUILDER	Estimated time:	0.00 hour
Target version:		Complexity:	
TYPO3 Version:	9	Is Regression:	No
PHP Version:		Sprint Focus:	
Tags:			
Description			
<p>When using breakWidth (and optionally breakSpace), the lineHeight depends on the text which is rendered. So generating 2 multi-line texts with completely identical settings may yield different results, e.g. when only one of the two strings contains characters with descenders (see attached example). In my opinion, the lineHeight for multiline text should not depend on the boundingbox of the given characters, but should depend on the configuration (font face, font size) - that's what we are used to.</p> <p>(issue imported from #M14033)</p>			
Related issues:			
Related to TYPO3 Core - Feature #20164: Integrate automatic line breaks in GI...		Closed	2009-03-11

Associated revisions

Revision 277dbe8d - 2018-03-17 18:14 - Tymoteusz Motylewski

[BUGFIX] Make line height configurable for Gifbuilder

If `lineHeight` is set then its value would be taken as line height instead of line height calculated from given text.

Resolves: #22399
Releases: master, 8.7
Change-Id: lbc38559a6c7fc616c2b25b419a3bc6feddf87a61
Reviewed-on: <https://review.typo3.org/56327>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Stefan Neufeind <typo3.neufeind@speedpartner.de>
Reviewed-by: Anja Leichsenring <leichsenring@ab-softlab.de>
Tested-by: Anja Leichsenring <leichsenring@ab-softlab.de>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

Revision d4f1d559 - 2018-03-17 18:31 - Tymoteusz Motylewski

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Reviewed-on: <https://review.typo3.org/56330>
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

History

#1 - 2010-04-19 03:38 - Ron Hall

Yes. I have discovered the same issue. It creates a real problem with graphic headlines. Right now I am creating a copy of the font file, editing it and adding invisible descenders to the upper and lower case vowels. This makes GIFBUILDER calculate the line heights consistently, but is an awkward workaround.

It would be great as noted by Harald to have GIFBUILDER calculate the same height regardless of whether there are descenders or not.

Even better would be a property for specifying custom line heights as the default line height of a font is not always optimum.

#2 - 2010-04-19 12:15 - Harald Glaser

As a workaround I have XClasses GifBuilder and added a new property "breakSpaceFixed", which is used as a fixed line height when set.

I will try to compile a .diff-file and post it as soon as I find some time...

#3 - 2010-04-19 19:54 - Harald Glaser

I just uploaded a patch (compiled against trunk, but also tested with 4.3.3).

It adds the property "breakSpaceFixed" to "text"-objects in Gifbuilder, which - if set - overrides the calculated line height.

Example usage (line height is set to 16px):

```
file = GIFBUILDER
file {
  10 = TEXT
  10.text.field = title
  10.breakWidth = 150
  10.breakSpaceFixed = 16
}
```

#4 - 2011-01-25 17:42 - Kim Lang

When i used big Letters with German Umlauts the same problem appears

#5 - 2011-01-25 17:43 - Kim Lang

the patch doesn't work with the "niceText" option

#6 - 2013-04-18 10:46 - Jan Kornblum

- Target version deleted (0)

Are there any news regarding this?

#7 - 2015-01-15 11:16 - Mathias Schreiber

- Description updated

- Target version set to 7.2 (Frontend)

- Is Regression set to No

#8 - 2015-06-15 18:12 - Benni Mack

- Target version changed from 7.2 (Frontend) to 7.4 (Backend)

#9 - 2015-08-05 10:31 - Susanne Moog

- Target version changed from 7.4 (Backend) to 7.5

#10 - 2015-09-24 20:42 - Benni Mack

- Target version changed from 7.5 to 7 LTS

#11 - 2015-10-28 11:45 - Mathias Schreiber

- Target version deleted (7 LTS)

#12 - 2015-11-01 22:10 - Riccardo De Contardi

- Category set to Image Cropping

#13 - 2017-10-26 15:50 - Susanne Moog

- Category changed from Image Cropping to Image Generation / GIFBUILDER

#14 - 2018-03-17 16:58 - Tymoteusz Motylewski

- TYPO3 Version changed from 4.3 to 9

- PHP Version deleted (5.2)

here is the code to reproduce it on current master:
The attached patch worked (also with nice text set to 1 on current master)

```
page = PAGE
page.10 = TEXT
page.10.value = HELLO WORLD!
page.20 = IMAGE
page.20 {
  XY = 200,100
  file = GIFBUILDER
  file {
    width = 200
    height = 100
    backColor = black
    10 = TEXT
    10.fontColor = white
    10.text = Kuturelle & Soziale Aktivitat
    10.fontSize = 15
    10.niceText = 1
    10.align = left
    10.offset = 20,20
    10.breakWidth = 150
    10.lineHeight = 25
  }
}
page.30 = IMAGE
page.30 {
  XY = 200,100

  file = GIFBUILDER
  file {
    width = 200
    height = 100
    backColor = black
    10 = TEXT
    10.fontColor = white
    10.text = Mitarbeiter - Fundament des Erfolgs
    10.fontSize = 15
    10.niceText = 1
    10.align = left
    10.offset = 20,20
    10.breakWidth = 150
    10.lineHeight = 25
  }
}
```

#15 - 2018-03-17 17:47 - Tymoteusz Motylewski

- Related to Feature #20164: Integrate automatic line breaks in GIFBUILDER added

#16 - 2018-03-17 17:50 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/56327>

#17 - 2018-03-17 18:14 - Gerrit Code Review

Patch set 1 for branch **TYPO3_8-7** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/56330>

#18 - 2018-03-17 18:30 - Tymoteusz Motylewski

- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset [277dbe8d46569299f002da2ccf2d94a4c7fcd40](https://review.typo3.org/56330).

#19 - 2018-10-02 12:25 - Benni Mack

- Status changed from Resolved to Closed

Files

gifbuilder_lineheight.gif	6.01 KB	2010-04-08	Administrator Admin
14033_breakSpaceFixed_trunk.diff	650 Bytes	2010-04-19	Administrator Admin