

## TYPO3 Core - Bug #16544

### GIFBUILDER ignores jpeg-quality

2006-09-09 03:23 - Sebastian Lenz

<b>Status:</b>	Closed	<b>Start date:</b>	2006-09-09
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>TYPO3 Version:</b>	4.0	<b>Is Regression:</b>	
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

The TypoScript directive

```
GIFBUILDER.format = jpg
```

```
GIFBUILDER.quality = 50
```

has no effect on the quality of the rendered image as the function `start($conf,$data)` in `class.tslib_gifbuilder.php` doesn't check the option "quality". The gifbuilder will always return a jpg-file with the quality set in the `localconf.php`, at least in the typo3-version 4.0 im currently running on.

In order to fix this problem I added the following line to `start()`

```
$this->jpegQuality = t3lib_div::intInRange($this->setup['quality'] * 1, 10, 100,
$GLOBALS['TYPO3_CONF_VARS']['GFX']['jpg_quality']);
```

Later on I found an even better solution. As the gifbuilder creates several temporary files while processing an image and also stores them with the quality set in `$jpegQuality`, I changed the function `start()` to:

```
$this->jpegQuality = 100;
    $this->jpegOutputQuality = t3lib_div::intInRange($this->setup['quality'] * 1, 10, 100, $GLOBAL
S['TYPO3_CONF_VARS']['GFX']['jpg_quality']);
    $this->cmds['jpg'] = $this->cmds['jpeg'] = '-colorspace RGB -quality 100';
```

Later in the class, within the function `gifBuild()` I added the line

```
$this->jpegQuality = $this->jpegOutputQuality;
```

just before `$this->output()` is called. Doing this, image quality enhanced, as all the temporary files now are written with highest jpeg-compression.

(issue imported from #M4185)

#### History

##### #1 - 2006-09-09 12:59 - Michael Stucki

Bernhard, could you please have a look at this? Thanks!

##### #2 - 2006-11-29 16:49 - Erwin Eggenberger

Hi,

I had the same problem as Sebastian. I tried his fix, but it didn't work for GMENUs (all JPEGs are written with 100% quality), because the `makeGifs()` function in `class.tslib_menu.php` doesn't use the `gifBuild()` function but instead calls `make()` and `output()` itself.

When you move the line

```
$this->jpegQuality = $this->jpegOutputQuality;
```

from the `gifBuild()` function to the end of the `make()` function the quality parameter also works in GMENUs.

##### #3 - 2012-04-30 17:22 - Stefan Geith

- Target version deleted (0)

Is this really still not fixed ?

**#4 - 2013-05-03 10:47 - Alexander Opitz**

- *Category deleted (Communication)*
- *Status changed from New to Closed*
- *PHP Version deleted (4)*

No feedback over one year => closed.