ImageMagick commands fail if stripProfile is set to 0 and GFX[processor_stripColorProfileByDefault] is disabled

2017-03-09 13:38 - Paul Golmann

Status: Closed
Priority: Should have
Assignee: 
Category: Image Generation / GIFBUILDER
Target version: next-patchlevel
TYPO3 Version: 8
PHP Version: 7.0
Tags:

Description

Problem

When disabling [GFX][processor_stripColorProfileByDefault] in the global configuration and setting stripProfile = 0 for an imgResource in TypoScript or when using the “keep metadata” option in the extension image_autoresize the image does not get processed.

Reproduction

Tested on fresh installations of TYPO3 v6.2.30 with ImageMagick 6.8.7-0 2014-11-14 and TYPO3 v8.6.0 with ImageMagick 6.8.9-9 Q16 x86_64.

setup

1. Set [GFX][processor_stripColorProfileByDefault] = 0 (or [GFX][im_useStripProfileByDefault] = 0 for TYPO3 v6) in Instaltool or Localconfiguration.php
2. Upload a test JPEG image to fileadmin (greater than 100x100 px called test.jpg)
3. Create a new page, add a sys_template, add the following setup:

```plaintext
page = PAGE
page {
    10 = IMAGE
    10 {
        file = fileadmin/test.jpg
        file {
            width = 100c
            height = 100c
            stripProfile = 0
        }
    }
}
```

3. View the page

expected output

The test image cropped to 100x100 pixels.

actual result

The unprocessed test image.

2020-02-22
Further information

I tracked the call stack to the CommandUtility in which the marker ###SkipStripProfile### introduced by the ContentObject ends up. In the case that stripping the profile by default is disabled in the global configuration the actual command is something like (depending on the other GFX settings and actual size of test image):

```
'/usr/bin/convert' -geometry 100x140! ###SkipStripProfile### -crop 100x100+0+20! '/var/www/html/fileadmin/test.jpg[0]' '/var/www/html/typo3temp/pics/01a24339bf.jpg'
```

, which produces the following error for me, when testing it directly on the command line:

```
convert: missing an image filename `100x140!' @ error/convert.c/ConvertImageCommand/3207.
```

. But should be something like the following, not having the marker in it:

```
'/usr/bin/convert' -geometry 100x140! -crop 100x100+0+20! '/var/www/html/fileadmin/test.jpg[0]' '/var/www/html/typo3temp/pics/01a24339bf.jpg'
```

Associated revisions

Revision 250ff317 - 2018-03-01 23:19 - Paul Golmann

[BUGFIX] Fix imagemagick commands when setting stripProfile to "0"

Remove the ###SkipStripProfile### flag from command parameters added by e.g. stripProfile in TypoScript if GFX[processor_stripColorProfileByDefault] is disabled in global configuration to prevent erroneous imagemagick commands.

Resolves: #80208
Releases: master, 8.7
Change-id: I0860744ad4b27e44f1d9f7bb6da5dd646f4a1fc4
Reviewed-on: https://review.typo3.org/51990
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Mathias Schreiber <mathias.schreiber@typo3.com>
Tested-by: Mathias Schreiber <mathias.schreiber@typo3.com>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

Revision 450d196f - 2018-03-01 23:30 - Paul Golmann

[BUGFIX] Fix imagemagick commands when setting stripProfile to "0"

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Releases: master, 8.7
Change-id: I0860744ad4b27e44f1d9f7bb6da5dd646f4a1fc4
Reviewed-on: https://review.typo3.org/55979
Tested-by: TYPO3com <no-reply@typo3.com>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>
I've committed a patch for master (https://review.typo3.org/#/c/51990/), but the solution for 6.2 should be quite similar, if this should be backported:

```php
// strip profile information for thumbnails and reduce their size
if ($parameters && $command != 'identify') {
    // Determine whether the strip profile action has been disabled by TypoScript:
    if ($gfxConf['im_useStripProfileByDefault']
        && $gfxConf['im_stripProfileCommand'] != ''
        && strpos($parameters, $gfxConf['im_stripProfileCommand']) !== FALSE
        && $parameters != '-version'
        && strpos($parameters, '###SkipStripProfile###') === FALSE)
    {$parameters = $gfxConf['im_stripProfileCommand'] . ' ' . $parameters;}
    else{
        $parameters = str_replace('###SkipStripProfile###', '', $parameters);
    }
}
```

#2 - 2017-03-09 14:53 - Paul Golmann
- Target version set to 8 LTS

#3 - 2017-05-04 17:47 - Benni Mack
- Target version changed from 8 LTS to next-patchlevel

#4 - 2017-05-29 14:11 - Gerrit Code Review
- Status changed from New to Under Review

Patch set 2 for branch master of project Packages/TYPO3.CMS has been pushed to the review server. It is available at https://review.typo3.org/51990

#5 - 2017-05-29 14:28 - Gerrit Code Review
Patch set 3 for branch master of project Packages/TYPO3.CMS has been pushed to the review server. It is available at https://review.typo3.org/51990

#6 - 2017-10-26 15:50 - Susanne Moog
- Category changed from Image Cropping to Image Generation / GIFBUILDER

#7 - 2018-03-01 22:11 - Gerrit Code Review
Patch set 4 for branch master of project Packages/TYPO3.CMS has been pushed to the review server.
It is available at https://review.typo3.org/51990

#8 - 2018-03-01 23:19 - 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/55979

#9 - 2018-03-01 23:30 - Paul Golmann
- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset 250ff31741204eb1b3111bb6bbc4e4348a60cea1.

#10 - 2018-10-02 11:02 - Benni Mack
- Status changed from Resolved to Closed