TYPO3.Media - Feature # 31334

Status:	Resolved	**Priority:**	Could have
Author:	Adrian Föder	**Category:**	
Created:	2011-10-27	**Assigned To:**	Bastian Waidelich
Updated:	2012-02-01	**Due date:**	
Subject:	Additional orientation-related functions for Image		

Description

Hi guys,

I would like to improve the image handling of the TYPO3.Media package; I like it very much so far.

When working on it, I figured out some things that could be improved, I think or hope.

At first I added a few functions to the Image class, could be backed also into the interface (see attached patches).

In general, I would suggest a bit another approach of the ImageVariant: at first I say it should be extended from Image, because an image variant mostly has the properties of an Image (which is inherently correct :)

This ImageVariant class then has only an additional property $originalImage which is set during construction. All other properties and methods are interited anyway, and that's correct.

Then I say an Image Variant should not be "created" or "transformed" during creation (i.e. within the constructor), but be more a "base" for working on an image variant. So I would suggest something like this (pseudo-code):

```
class ImageVariant extends Image {
    /**
     * @var \TYPO3\Media\Domain\Model\Image
     */
    protected $originalImage;

    /**
     * @param Image $baseImage The Image that image variant is based on
     */
    public function __construct(\TYPO3\Media\Domain\Model\Image $baseImage) {
        $this->originalImage = $baseImage;
        $this->width = $baseImage->getWidth();
        $this->height = $baseImage->getHeight();
    }
```

and than one could do the following:

```
    $myThumbnail = new ImageVariant();
    $myThumbnail->setWidth(180)->preserveAspectRatio(true)->cropToSquare()->getResource();
```

each mentioned function is set in the ImageVariant and returns $this itself. Also each function just modyfies private properties; and with e.g. getResource() or any other 'build()' function (even __toString() is possible) the image is finally built.

What do you think?

Associated revisions

Revision 94273784 - 2012-01-31 16:21 - Adrian Föder

[FEATURE] Additional orientation-related functions for Image

Providing functions to get information about the orientation of the image.

Change-Id: I26f8dcf8d0abc9051f63185853b503fed7dd0ab7

Related: #31334

History

#1 - 2011-10-27 10:54 - Adrian Föder

- File 0001-Related-31334.patch added

#2 - 2012-01-24 15:52 - Adrian Föder

see https://review.typo3.org/#change,6870 Patch is obsolete.

#3 - 2012-02-01 12:30 - Bastian Waidelich

- Subject changed from Making ImageVariant more object orientated to Additional orientation-related functions for Image

- Status changed from New to Resolved

- Assigned To set to Bastian Waidelich

- % Done changed from 0 to 100

Files

0001-Related-31334.patch	4 kB	2011-10-27	Adrian Föder