
image resize problem (squeeze)

Posted by fallen - 2007/04/30 17:45

Hello,
when resizing images, they are not correctly resized they got squeezed and look stretched out.

here is the code to be replaced:
com_estateagent/includes/gallery/upload.gallery.php

code to be edited:

```
if($prop == 1) {
    $ratio = $srcWidth / $width;
    # $ratio = max($srcWidth, $srcHeight) / $new_size;
    $ratio = max($ratio, 1.0);
    $destWidth = (int)($srcWidth / $ratio);
    $destHeight = (int)($srcHeight / $ratio);
}
else{
    $destWidth = (int)($width);
    $destHeight = (int)($height);
}
```

to the following:

```
if($prop == 1) {
    $thumb_height = $height;
    $thumb_width = $width;

    if ($imginfo < $imginfo) // width < height {
        $destWidth = intval($thumb_height * ($imginfo / $imginfo)) ;
        $destHeight = $thumb_height;
    } else if ($imginfo > $imginfo) {
        $destHeight = intval($thumb_width * ($imginfo / $imginfo));
        $destWidth = $thumb_width;
    } else {
        if ($thumb_width < $thumb_height) {
            $destHeight = intval($thumb_width * ($imginfo / $imginfo));
            $destWidth = $thumb_width;
        } else {
            $destWidth = intval($thumb_height * ($imginfo / $imginfo)) ;
            $destHeight = $thumb_height;
        }
    }
} else {
    $destWidth = (int)($width);
    $destHeight = (int)($height);
}
```

hope that helps to someone else or even be implemented in the next release...

=====

Re:image resize problem (squeeze)

Posted by yankee - 2007/05/01 10:58

Hello fallen.

I have problem with stretching. When I set up "horizontal" ratio, and trying to upload "vertical" picture, that picture is squeezed.

Changing this code didn't help. :(

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Re:image resize problem (squeeze)

Posted by admin - 2007/05/01 14:33

will check and fix it. please show a little patience.

=====

Re:image resize problem (squeeze)

Posted by yankee - 2007/05/01 14:38

Thanks. Just to let you know that I performed tests all long morning, different servers, different installations, and newest ME bundle...

Unfortunately, result was the same... :(

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Re:image resize problem (squeeze)

Posted by satya - 2007/07/04 08:25

I have the same problem with stretched photos in ME. Not that I want to rush admin, ince it is two months from last post on this topic. It is rather a humble cry for help :blush:

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Re:image resize problem (squeeze)

Posted by admin - 2007/07/11 05:17

you'll have to fill in both - height and width of your pictures. then it should work.

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Re:image resize problem (squeeze)

Posted by Samantha - 2007/07/28 10:07

Excuse me, the problem still exists. It would be nice if the programmer had a solution for the Resize problem.

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Re:image resize problem (squeeze)

Posted by Torsten - 2007/07/28 10:41

Hi Samantha,

normaly there is no problem with the picturesize. Please check your configuration in ME again.

At the atachment I'll post you my configuration, that works fine at my site, you can test it at your site.

Hope, it works.

Torsten

You'll find it here:

"http://www.heldmann-immobilien.de/images/ME_conf.gif"

Post edited by: Torsten, at: 2007/07/28 10:52

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Re:image resize problem (squeeze)

Posted by Samantha - 2007/07/28 11:33

Hi Torsten, Du scheinst der deutschen Sprasche mächtig zu sein! Danke für das Bild, ich kann erkennen, das dort "4:3" eingestellt ist (Ratio). So weit so gut, aber was machge ich, wenn ich eine Cam habe, die 2:3 Aufnahmen liefern kann (sony f828)? Soll/muß ich dann jedes Mal die Einstellungen im EA ändern :sick: ?! Das kann es ja nicht sein. Bei Bildergalerien funktioniert doch die Umwandlung auch korrekt, warum ist das hier so kompliziert?

Noch was, entweder kann man im Expose den Mortgage Calculator einbinden oder Map24 - beides zusammen geht nicht. Gibt es da vielleicht doch eine Möglichkeit?

--Samantha--

Post edited by: Samantha, at: 2007/07/28 11:34

Re:image resize problem (squeeze)

Posted by Torsten - 2007/07/28 11:52

Hallo Samantha,

wenn deine Kamera 2:3-Bilder liefert, dann stelle das Verhältnis der komprimierten Bilder doch einfach auf ein Vielfaches von 2:3 ein (Bsp. 400:600). Das Gleiche machst du bei den Thumbnails. Du mußt dich nur entscheiden, was dir wichtiger ist, die Breite des Bildes, oder die Höhe. Dieser Wert sollte die Grundlage für die Berechnung des Verhältnises bilden.

Bist du sicher, 2:3 - nicht 3:2? Normalerweise ist doch das Bild breiter, als hoch.

Ich weiß nicht, ob das 100%-ig funktioniert, aber einen Versuch ist es wert, oder? Wichtig ist das Verhältnis des Ursprungsbildes zum Endergebnis, das sollte/muss immer gleich sein, damit es zu keinen Stauchungen kommt. Falls du doch mal ein anderes Verhältnis nutzen willst, kannst du dir ja die Möglichkeit offen halten und es unter dem Punkt "user" in der Konfiguration von ME explizit erlauben, dass Verhältnis zu ändern.

Grüße Torsten

PS: Vom Mortgage Calculator habe ich keine Ahnung, hat mir auch nicht gefallen das Teil und muss extra ins Deutsche übersetzt werden, dazu hatte ich keine Lust :whistle:

Map-24 oder Google-Maps habe ich bisher noch nicht genutzt, kann also leider dazu auch keine Aussage treffen.

Post edited by: Torsten, at: 2007/07/28 11:58

Re:image resize problem (squeeze)

Posted by Samantha - 2007/07/28 12:04

Torsten, ich meinte natürlich 3:2 :whistle: ...

Danke für die Tipps!

--Samantha--

Re:image resize problem (squeeze)

Posted by Torsten - 2007/07/28 12:09

Hi Sam (hoffe, ich darf abkürzen), :evil:

dann würde ich es mal mit 420:280 probieren

Torsten

Re:image resize problem (squeeze)

Posted by 0zz1 - 2007/08/17 07:42

<http://homeinasia.com/0zz1/proportions.jpg>

Im sorry my German sucks bit time, but I have the exactly same configurations but it does not work.

If I upload vertical pictures it will stretch them into 450px wide and 338px height. Also the individual image settings does not work, if I try to use them it always drops me out from the bind & upload. At least with Firefox with Safari the whole admin does not work and I do not have IE as Im on mac, but does it work any better with that?

perhaps this is to do with php5 ??? meaning it does not work with php5 ?

Re:image resize problem (squeeze)

Posted by rom - 2007/12/05 18:25

hi,

In my version 1.1.0, i found two problems :

- first one, the keep proportion parameter value is never "1" so pictures will always stretch them into fixed size.
- second one, "vertical" pictures are squeezed because of the wrong calculated ratio

here is the code to be replaced:

`com_estateagent/includes/gallery/upload.gallery.php`

```
I50 :
replace
$cfg=(isset($cfg))? 1 : 0;
by
$cfg=$ea_imgprtn;
```

```
I56 :
replace $cfg=(isset($cfg))? 1 : 0;
by
$cfg=$ea_tbprtn;
```

```
I181:
replace
$ratio = $srcWidth / $width;
by
if($srcWidth<$srcHeight)
    $ratio = $srcHeight / $width;
else
    $ratio = $srcWidth / $width;
```

Re:image resize problem (squeeze)

Posted by pappenberg - 2007/12/17 13:47

I think in case of small pictures it is important that the upload.gallery.php should use \$destWidth and not \$width. So I did the following two little changes:

In line 211 the code...

```
imagecopyresized($dst_img, $src_img, 0, 0, 0, 0, $width, (int)$destHeight, $srcWidth, $srcHeight);  
is replaced by:  
imagecopyresized($dst_img, $src_img, 0, 0, 0, 0, $destWidth, $destHeight, $srcWidth, $srcHeight);
```

in line 243 code...

```
imagecopyresampled($dst_img, $src_img, 0, 0, 0, 0, $width, (int)$destHeight, $srcWidth, $srcHeight);  
is replaced by:  
imagecopyresampled($dst_img, $src_img, 0, 0, 0, 0, $destWidth, $destHeight, $srcWidth, $srcHeight);
```

Now your small pictures should keep small, so that we don't have to view great pixels. Larger pictures are resized down to the allowed maximum. Besides everything keeps in proportion if you took care about the \$prop=0 bug too (also mentioned in this thread).

Besides the maximum Width is checked but not the maximum Height. So if I allowed uploads of 640 width and 480 height it would be possible to upload 640 width and 2000 height for example. You may solve it by

replacing line 182...

```
$ratio = $srcWidth / $width;  
with...  
$ratiowidth = $srcWidth / $width;  
$ratioheight = $srcHeight / $height;  
$ratio = max($ratiowidth,$ratioheight);
```

If you set size to 800x800 now, your users can upload 800x600 and 600x800 for example.

Eine kleine Frage noch meinerseits: Weiß jemand schon, wann ME über die wichtige OpenImmo-Schnittstelle verfügen wird? ME bringt mir leider ohne OpenImmo überhaupt nichts.

Grüße
Stefan Pappenberg
<http://wohnungen-immobilien-makler-berlin.de>

Post edited by: pappenberg, at: 2007/12/17 16:02

Re:image resize problem (squeeze)

Posted by BMPT - 2007/12/23 00:21

Ok so this last fix solved all the problems i think... but the thumbnail lost a lot of quality? why? on admin i have it at 100% and before this the thumb had a good quality, so what happened?

Re:image resize problem (squeeze)

Posted by pappenberg - 2007/12/26 12:54

@BMPT: What happens, if you change Line 53 of upload.gallery.php temporarily

```
from  
$cfg = (isset($cfg))? 1:0;  
into  
$cfg = 1;
```

and then upload some pictures. Do you have better thumbnail resolution then?

Don't see this as a solution! I just want to know what happens at BMPT's homepage if his thumbs are definitely set to be created!

Merry Christmas and a happy new year
Stefan Pappenberg
<http://www.wohnungen-immobilien-makler-berlin.de>

Post edited by: pappenberg, at: 2007/12/26 13:04

=====

Re:image resize problem (squeeze)

Posted by 0zz1 - 2008/02/05 07:17

thank you pappenberg I got the vertical pics in, but im having same problem that the vertical pic thumbnails are bad quality and also too big... any ideas anyone ??

=====

Re:image resize problem (squeeze)

Posted by pappenberg - 2008/02/05 19:20

@0zz1:

Did you already try to set thumb creation to 1 for testing? I ask this, because the changes I proposed relate to `resizeIMG` function. This function is used for your image resizing and also for thumbnail resizing, so that there should be no difference. I doubt that some parameters are not given correctly to this function for thumb resizing but I don't know. Please set thumbs temporarily to 1 and tell me what happens, if you upload some pictures then. If you want to check the parameters given to the `resize` function, you could also put some echos in front of line 108 like:

```
echo "create thumb: ".$cfg."<br>";
echo "thumb width: ".$cfg."<br>";
echo "thumb height: ".$cfg."<br>";
echo "thumb proportion: ".$cfg."<br>";
echo "thumb quality: ".$cfg;
sleep(10);
```

When uploading an image you will see your thumbnail parameters for 10 seconds then. What values do you see?

Best Regards
Stefan Pappenberg
<http://wohnungen-immobilien-makler-berlin.de>

Post edited by: pappenberg, at: 2008/02/05 19:27

=====

Re:image resize problem (squeeze)

Posted by 0zz1 - 2008/02/06 05:15

```
create thumb: 1
thumb width: 90
thumb height: 90
thumb proportion: 1
thumb quality: 100
```

dear pappenberg this is what I get... the result can be seen here...

http://www.homeinasia.com/component/option,com_estateagent/act,object/task,showEO/id,101/limit,10/limitstart,0/

so at least for my eye the quality of the thumbnail is not as good... and then there is the size...

=====

Re:image resize problem (squeeze)

Posted by pappenberg - 2008/02/06 11:52

@0zz1: Ok, the parameters are fine. Thanks for the link, it was a help for me. I downloaded some of your images and thumbnails. The files have the correct height and width. Thumbnails: 67x90 and 90x67. Images: 338x450 and 450x338. But when the thumbnails are displayed at your object description or catalogue, everything is displayed at a width of 90, so that the bathroom (this file has a width of 67) gets enlarged to 90 and the resolution looks bad. A lot of functions need to be changed. I don't know how to solve that. Sorry.

Best Regards

Stefan Pappenberg

<http://wohnungen-immobilien-makler-berlin.de>

Re:image resize problem (squeeze)

Posted by 0zz1 - 2008/02/09 07:20

Thank you Pappenberg for your effort I really appreciate it!

I continue with trying to fix this, and will report here if I get it done... mean while if anyone knows how to do it please let me know... you know where and how... here :)

Re:image resize problem (squeeze)

Posted by babilonia - 2008/04/16 19:47

Hi 0zz1,

so how did you fix the bad quality in your thumbnails?

Your page displays them fine now.

Thanks in advance.

Re:image resize problem (squeeze)

Posted by babilonia - 2008/05/20 21:27

Well,

I'm really near a solution.

Vertical thumbs are created in the right manner in gallery manager, only thing is they are displayed bad in object page.

I guess something forces the viewing and squeeze vertical thumbs. Link to thumb is the same so the problem must lay in rendering the object page.

Can someone point me to the right direction to fix this last step?

I will post the upload.gallery.php once it is definitely fixed, if admin will let me :)

OBJECT PAGE

<http://i27.tinypic.com/2itho60.jpg>

GALLERY MANAGER

<http://i28.tinypic.com/2dv5wzl.jpg>

Re:image resize problem (squeeze)

Posted by babilonia - 2008/05/22 01:48

Here's how I got it to work.
Be careful as I'm not an expert and my editing has been rude for sure.
Anyway it's working like a charm.
If you want to edit your files, backup them first :)

I simply deleted

\$params

in the following files:

components/com_estateagent/gui/templates/template.class.php

and

components/com_estateagent/estateagent.html.php

Hope this can help someone out there...

Tested in
Firefox 2.0.0.14
IE 7.0
IE 6.0

Re:image resize problem (squeeze)

Posted by 0zz1 - 2008/06/03 03:53

no I still have not got it fixed.. they look good because due to this problem I have not used vertical pics at all :)

I have only one on the site that is here:

http://www.homeinasia.com/component/option,com_estateagent/act,object/task,showEO/id,101/lang,en/

so the pics is good but the thumbnail is bad quality and too big... if anyone knows how to fix this would really appreciate
looks like you having same problem..

Re:image resize problem (squeeze)

Posted by 0zz1 - 2008/06/03 04:06

I tried this one as well... and did not do anything for me... also realized that the vertical big pics loose a lot of quality as well... but not the horizontal ones... wonder why is that...

Re:image resize problem (squeeze)

Posted by babilonia - 2008/06/15 16:31

Re:image resize problem (squeeze)

Posted by babilonia - 2008/06/15 17:08

Ozz1,
here are my estateagent.html.php and template.class.php
<http://www.misterestate.com/images/fbfiles/files/misterestate.zip>

Re:image resize problem (squeeze)

Posted by rmixx - 2008/06/23 15:22

I think there's always this resize picture problem. When i change the code , i have this message : Parse error: syntax error, unexpected T_VARIABLE in C:\xampplite\htdocs\immo-simian\components\com_estateagent\includes\gallery\upload.gallery.php on line 185
If someone can help me ? thanks
