THUMB**ER**

User guide. Documentation. v.0.1

Thanks for using our service. This guide describes you how to use it in your own projects and products. Important! The service is in Beta-testing now. Please, provide feedback on any errors by email **support@thumber.io**

The service now is absolutely free

Purposes

This service can be used in any program solutions, where it is nesessary to create images thumbnails. E.g - CMS, multi-user-plugins.

Basic usage

For example, you have an image that can be served by **http** or **https** protocol.
http://www.online-image-editor.com/styles/2014/images/example_image.png

For now there are two main inputs that can be used:

1. **Pixel resizing**

   http://thumber.io/get/**WxH**/**source**

   W - target width, **H** - target height, **source** - full http/https path of source image
   The image will be inscribed into rectangle with dimentions **W** x **H**, constrainting it's original proportions.

   Example call.
   http://thumber.io/get/200x200/http://www.online-image-editor.com/styles/2014/images/example_image.png

2. **Percentage resizing**

   http://thumber.io/get/percent/**P**/**source**

   P - target percent scale, **source** - full http/https path of source image
   The image will be resized to **P** percent from it's original size, constrainting it's original proportions.

   Example call.
   http://thumber.io/get/percent/10/http://www.online-image-editor.com/styles/2014/images/example_image.png

You can use the resized image in your project by replacing an original

<img src="*http://www.online-image-editor.com/styles/2014/images/example_image.png***">**

to

<img src="*http://thumber.io/get/200x200/http://www.online-image-editor.com/styles/2014/images/example_image.png***">**

Advanced usage

In fact, we are using ImageMagick library and its call of **convert** executable with param **-resize**.

E.g. when we call **/get/AxB/source**, it is fully translated to unix call of **convert**:

> convert temp_copy_of_source -resize AxB temp_output

NOTE.
Second http param should be url-encoded!

Even when we make a call of **/get/percent/P/source,**
it will redirect us to **/get/P%25/source,** when %25 - url encoding of percent symbol.

That means, you can use any of standart parameters of convert function.
You can find full documentation here - http://www.imagemagick.org/Usage/resize/

Cache

We use Amazon S3 service to create cache copies of all images. That means, on the repeating calls of converting images, our service will return already generated image (if the source image was not changed).

Thanks for using our service.
You can send us any questions via email - **support@thumber.io**