



## User guide. Documentation. v0.1

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 stage right now. Please, provide feedback on any errors using this email [support@thumber.io](mailto:support@thumber.io)

### The service is totally free now

### Purposes

This service can be used in any applications, where it's necessary to create images' thumbnails.

### 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](http://www.online-image-editor.com/styles/2014/images/example_image.png)



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 url of the source image

The image will be inscribed into a rectangle with dimensions **W** x **H**, constraining its original proportions.

#### **Example call.**

[http://thumber.io/get/200x200/http://www.online-image-editor.com/styles/2014/images/example\\_image.png](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 url of the source image

The image will be resized to **P** percents of the original size, constraining its original proportions.

#### **Example call.**

[http://thumber.io/get/percent/10/http://www.online-image-editor.com/styles/2014/images/example\\_image.png](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 the original one

```

```

with

```

```

## Advanced usage

We use ImageMagick library and its call of **convert** executable with param **-resize**.

E.g. when we call **/get/AxB/source**, it's translated into 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 **/get/percent/P/source**,  
it redirects us to **/get/P%25/source**, when %25 - url encoding of the percent symbol.

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

## Cache

We use Amazon S3 service to create cache copies of all images. It means, that the repeated calls return already generated image (if the source image was not changed).

Thanks for using our service.

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