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# **picuplib Documentation**

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picuplib is a simple library for uploading Picture, directly and remote, to Picflash.org

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## API documentation

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Small picflash upload library

Picuplib basicly provides to different interfaces a function based and a class based. The class based just wrapps the function based but stores the apikey and default settings for the resize, rotation and noexif attriibutes.

`picuplib.upload(apikey, picture, resize=None, rotation=u'00', noexif=False, callback=None)`  
 prepares post for regular upload

### Parameters

- **apikey** (*str*) – Apikey needed for Autentication on picflash.
- **picture** (*str/tuple/list*) – Path to picture as str or picture data. If data a tuple or list with the file name as str and data as byte object in that order.
- **resize** (*str*) – Aresolution in the folowing format: '80x80'(optional)
- **rotation** (*str|degree*) – The picture will be rotated by this Value. Allowed values are 00, 90, 180, 270.(optional)
- **noexif** (*boolean*) – set to True when exif data should be purged. (optional)
- **callback** (*function*) – function witch will be called after every read. Need to take one argument. you can use the len function to determine the body length and call bytes\_read().

`picuplib.remote_upload(apikey, picture_url, resize=None, rotation=u'00', noexif=False)`  
 prepares post for remote upload

### Parameters

- **apikey** (*str*) – Apikey needed for Autentication on picflash.
- **picture\_url** (*str*) – URL to picture allowd Protocols are: ftp, http, https
- **resize** (*str*) – Aresolution in the folowing format: '80x80'(optional)
- **rotation** (*str|degree*) – The picture will be rotated by this Value. Allowed values are 00, 90, 180, 270.(optional)
- **noexif** (*boolean*) – set to True when exif data should be purged. (optional)

### Upload

`class picuplib.Upload(apikey, resize=None, rotation=u'00', noexif=False, callback=None)`

Class based wrapper for uploading. It stores the apikey and default settings for resize, rotation and the noexif parameter.

### Parameters

- **apikey** (*str*) – Apikey needed for Autentication on picflash.
- **resize** (*str*) – Aresolution in the folowing format: '80x80'(optional)
- **rotation** (*str|degree*) – The picture will be rotated by this Value. Allowed values are 00, 90, 180, 270.(optional)
- **noexif** (*boolean*) – set to True when exif data should be purged. (optional)
- **callback** (*function*) – function witch will be called after every read. Need to take one argument. you can use the len function to determine the body length and call bytes\_read(). Only for local Upload!

#### Variables

- **resize** (*str*) –
- **rotation** (*str*) –
- **noexif** (*boolean*) – If true exif data will be deleted
- **callback** (*function*) –

Upload.**upload** (*picture, resize=None, rotation=None, noexif=None, callback=None*)  
wraps upload function

#### Parameters

- **picture** (*str/tuple/list*) – Path to picture as str or picture data. If data a tuple or list with the file name as str and data as byte object in that order.
- **resize** (*str*) – Aresolution in the folowing format: '80x80'(optional)
- **rotation** (*str|degree*) – The picture will be rotated by this Value. Allowed values are 00, 90, 180, 270.(optional)
- **noexif** (*boolean*) – set to True when exif data should be purged. (optional)
- **callback** (*function*) – function will be called after every read. Need to take one argument. you can use the len function to determine the body length and call bytes\_read().

Upload.**remote\_upload** (*picture\_url, resize=None, rotation=None, noexif=None*)  
wraps remote\_upload funktion

#### Parameters

- **picture\_url** (*str*) – URL to picture allowd Protocols are: ftp, http, https
- **resize** (*str*) – Aresolution in the folowing format: '80x80'(optional)
- **rotation** (*str|degree*) – The picture will be rotated by this Value. Allowed values are 00, 90, 180, 270.(optional)
- **noexif** (*boolean*) – set to True when exif data should be purged. (optional)



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