

API documentation



September 7th 2009

Mobypicture API

Mobypicture.com has a REST-based API, which cover the most important functions of our website.

The API is in active development so in case you have any comments, feedback or feature-requests, please let us know!

How to interact with the API.....	2
postMediaUrl.....	3
Variables	3
Example HTTP request	5
Example HTTP response.....	6
getThumbUrl	7
Variables, Example HTTP request, Example HTTP response.....	7
getMediaInfo.....	8
Variables, Example HTTP request	8
Example HTTP response.....	9
checkCredentials.....	10
Variables, Example HTTP request, Example HTTP response.....	10
postComment.....	11
Variables	11
Example HTTP request	12
Example HTTP response.....	13
getComments.....	15
Variables, Example HTTP request, Example HTTP response.....	15
getUser.....	15
Variables, Example HTTP request, Example HTTP response.....	15
Error codes.....	16

How to interact with the API

All calls should be HTTP requests directed to:

<http://api.mobypicture.com/> or SSL: <https://api.mobypicture.com/>

Tinyurls

Several functions in this API require a “tinyurl-code”. This is the code after the domain name of a tinyurl. Currently there are two kinds of tinyurl your application should be aware of:

- [http://moby.to/\[tinyurl code\]](http://moby.to/[tinyurl code]) (notice the missing question mark!)
- [http://mobypicture.com/?\[tinyurl code\]](http://mobypicture.com/?[tinyurl code]) (is in the process of being phased out)

Tinyurl-codes exist of numbers (0-9), uppercase letters (A-Z) and lowercase letters. (a-z)

General variables for every call

k	<i>required</i>	
This field should contain your API-key. In case you don't have one, you can request one (it's free!)		

action	<i>optional</i>	<i>default = “postMedia”</i>
Specifies the action that the clients wants to perform on the API. Since older implementations of the API do not implement this value, it defaults to “ postMedia ” (which is deprecated). We recommend using “ postMediaUrl ” as value when making a posting.		

format	<i>optional</i>	<i>default = “plain”</i>
This field specifies in which format you would like to receive a response from us. Currently we support: plain xml json Please note: Not all functions support plain , so we strongly encourage to use xml or json .		

postMediaUrl

Request method: POST
 Encoding type: multipart/form-data

Creates a new posting on and returns the URL of it. The returned URL might show a “processing” message in the first few seconds/minutes (depending on the type of media etc.)

Variables

k	required	
See “How to interact with the API” for explanation.		

u	required	
Should contain the Mobypicture or Twitter username for which you are making the call.		

p	required	
Should contain the PIN or Twitter password for the user which you are making the call for.		

i	required	
Should contain the binary data of the media.		

t	<i>optional</i>	
Put the title of the media here.		

d	<i>optional</i>	
Put the description / caption of the media here.		

tags	<i>optional</i>	
Accepts comma-separated tags.		

latlong	<i>optional</i>	
Add geolocation information to the media. Should be in the following format: 52.064882, 4.002349		

ht	<i>optional</i>	
Adds a hashtag to the posting without showing it in the title or description of the item.		

s	<i>optional</i>	
This variable controls the services to which this item will be sent. It takes a comma-separated string in which 2 modifiers can be used (all and none):		
twitter, flickr, tumblr	-	Will send this item only to Twitter, Flickr and Tumblr.
none, +tumblr	-	Will send this item only to Tumblr.
all, -tumblr	-	Will send this item to all services, except for Tumblr.

format	<i>optional</i>	
See "How to interact with the API" for explanation.		

Example HTTP request

```
POST / HTTP/1.1
Host: api.mobypicture.com
Keep-Alive: 300
Connection: keep-alive
Content-Type: multipart/form-data; boundary=-----41184676334
Content-Length: 1023873
```

```
-----41184676334
Content-Disposition: form-data; name="t"
```

Title

```
-----41184676334
Content-Disposition: form-data; name="d"
```

Description

```
-----41184676334
Content-Disposition: form-data; name="i"; filename="ORIGINAL_FILENAME.JPG"
Content-Type: image/jpeg
```

<BINARY FILE DATA>

```
-----41184676334
Content-Disposition: form-data; name="u"
```

username

```
-----41184676334
Content-Disposition: form-data; name="p"
```

1234

```
-----41184676334
Content-Disposition: form-data; name="k"
```

developerkey

```
-----41184676334
Content-Disposition: form-data; name="tags"
```

api,mobypicture

```
-----41184676334
Content-Disposition: form-data; name="latlong"
```

52.364777,4.902416

```
-----41184676334
Content-Disposition: form-data; name="ht"
```

#hashtag

```
-----41184676334
Content-Disposition: form-data; name="s"
```

none

```
-----41184676334
Content-Disposition: form-data; name="privacy_level"
```

public

```
-----41184676334
Content-Disposition: form-data; name="format"
```

json

```
-----41184676334--
```



Example HTTP response

```
HTTP/1.1 200 OK
Date: Tue, 24 Sep 2009 08:00:00 GMT
Server: Apache/2.2.9 (Fedora)
X-Powered-By: PHP/5.2.6
Expires: Thu, 19 Nov 1981 08:00:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
Pragma: no-cache
Content-Length: 69
Connection: close
Content-Type: text/html; charset=UTF-8

{"url":"http://mobypicture.com/?5zubkh","result":"0","message":""}
```

getThumbUrl

Request method: GET

Returns the URL of a image that is associated with a tinyurl-code.

Variables

k	<i>required</i>	
See "How to interact with the API" for explanation.		

t	<i>required</i>	
Should contain the Mobypicture tinyurl code of which information is requested. The code is the part beginning from the first slash (/) after the domain name of the tinyurl, minus the possible leading question mark (?).		

s	<i>required</i>	<i>default="thumbnail"</i>
Specifies the size of the returned url, can be one of the following: thumbnail, small or medium		

format	<i>optional</i>	
See "How to interact with the API" for explanation.		

Example HTTP request

```
GET /?action=getThumbUrl&k=DEVELOPER_KEY&t=5zubkh&s=small&format=json HTTP/1.1
Host: api.mobypicture.com
Keep-Alive: 300
Connection: keep-alive
```

Example HTTP response

```
HTTP/1.1 200 OK
Date: Tue, 24 Sep 2009 08:00:00 GMT
Server: Apache/2.2.9 (Fedora)
X-Powered-By: PHP/5.2.6
Expires: Thu, 19 Nov 1981 08:00:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
Pragma: no-cache
Content-Length: 108
Connection: close
Content-Type: text/html; charset=UTF-8
```

```
{"url":"http://img.mobypicture.com/c5df94af505d80f3552e1294c81dde1b_small.jpg","result":0
,"message":""}
```

getMediaInfo

Request method: GET

Returns additional information about a posting that is associated with the given tinyurl-code.

Variables

k	<i>required</i>	
See "How to interact with the API" for explanation.		

t	<i>required</i>	
Should contain the Mobypicture tinyurl code of which information is requested. The code is the part beginning from the first slash (/) after the domain name of the tinyurl, minus the possible leading question mark (?).		

format	<i>optional</i>	
See "How to interact with the API" for explanation. If the format is " plain ", only the url will be returned.		

Example HTTP request

```
GET /?action=getMediaInfo&k=DEVELOPER_KEY&t=5zubkh&format=json HTTP/1.1
Host: api.mobypicture.com
Keep-Alive: 300
Connection: keep-alive
```

Example HTTP response

```
HTTP/1.1 200 OK
Date: Tue, 08 Sep 2009 08:29:04 GMT
Server: Apache/2.2.9 (Fedora)
X-Powered-By: PHP/5.2.6
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
Pragma: no-cache
Content-Length: 1028
Connection: close
Content-Type: text/html; charset=UTF-8
```

```
{"user":{"username":"Bram","firstname":"Bram","lastname":"Pelgrom","url_avatar":"http://www.mobypicture.com/images/avatar/bbe6ffea20151b8602eea18da40f9704_60px.jpg","url_avatar_small":"http://www.mobypicture.com/images/avatar/bbe6ffea20151b8602eea18da40f9704_24px.jpg"},"post":{"title":"Title","description":"Description","location_latlong":"52.364777,4.902416","created_on":"2009-09-08 10:21:54","created_on_epoch":1252398114,"views":"3","comments":"0","media":{"url_thumbnail":"http://img.mobypicture.com/c5df94af505d80f3552e1294c81dde1b_thumbnail.jpg","url_square":"http://img.mobypicture.com/c5df94af505d80f3552e1294c81dde1b_square.jpg","url_full":"http://img.mobypicture.com/c5df94af505d80f3552e1294c81dde1b_full.jpg","type":"photo","original_width":"2048","original_height":"1536","processing":"0"},"device":{"manufacturer":"Canon","model":"Canon PowerShot A560"},"link":"http://www.mobypicture.com/user/Bram/view/492487","link_tiny":"http://mobypicture.com/?5zubkh"},"result":"0","message"}
```

checkCredentials

Request method: GET

Checks whether the supplied credentials are belonging to a valid Mobypicture.com user.

If a Twitter username + password will be supplied, a Mobypicture.com account will be created for this user automatically in a transparent way.

Variables

k	<i>required</i>	
See "How to interact with the API" for explanation.		

u	<i>required</i>	
Should contain the Mobypicture or Twitter username for which you are making the call.		

p	<i>required</i>	
Should contain the PIN or Twitter password for the user which you are making the call for.		

format	<i>optional</i>	
See "How to interact with the API" for explanation. If the format is " plain ", only the url will be returned.		

Example HTTP request

```
GET /?action=checkCredentials&k=DEVELOPER_KEY&u=username&p=1234&format=json HTTP/1.1
Host: api.mobypicture.com
Keep-Alive: 300
Connection: keep-alive
```

Example HTTP response

```
HTTP/1.1 200 OK
Date: Tue, 24 Sep 2009 08:00:00 GMT
Server: Apache/2.2.9 (Fedora)
X-Powered-By: PHP/5.2.6
Expires: Thu, 19 Nov 1981 08:00:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
Pragma: no-cache
Content-Length: 45
Connection: close
Content-Type: text/html; charset=UTF-8
```

```
{"username":"Bram","result":"0","message":""}
```

postComment

Request method: POST

Posts a comment on the posting identified by the tinyurl-code.

The fields “u” and “p” are required if either “name” or “email” is empty. “name” and “email” are used for anonymous (or non Mobypicture-user) comments.

Variables

k	required	
See “How to interact with the API” for explanation.		

u	required if no name supplied	
Should contain the Mobypicture or Twitter username for which you are making the call.		

p	required if no name supplied	
Should contain the PIN or Twitter password for the user which you are making the call for.		

tinyurl_code	required	
The code part of a tinyurl. The code is the part after the first slash (/) after the domain name of the tinyurl ignoring the question mark (?). So for http://moby.to/2akvn9 , the tinyurl code would be “2akvn9”. Also be advised that the “http://mobypicture.com/?2akvn9” tiny-urls are being phased out and will not be supported in the near future.		

name	optional	
The name under which the comment should be placed. (required in case no username/password has been supplied)		

email	optional	
The emailaddress of the person making the comment. (required in case no username/password has been supplied)		

format	optional	
See “How to interact with the API” for explanation. Only the formats “xml” or “json” are supported for this function.		

Example HTTP request

```
POST / HTTP/1.1
Host: api.mobypicture.com
Keep-Alive: 300
Connection: keep-alive
Content-Type: multipart/form-data; boundary=-----265001916915724
Content-Length: 879
```

```
-----265001916915724
Content-Disposition: form-data; name="u"
```

username

```
-----265001916915724
Content-Disposition: form-data; name="p"
```

1234

```
-----265001916915724
Content-Disposition: form-data; name="name"
```

```
-----265001916915724
Content-Disposition: form-data; name="email"
```

```
-----265001916915724
Content-Disposition: form-data; name="tinyurl_code"
```

5zubkh

```
-----265001916915724
Content-Disposition: form-data; name="message"
```

Example for the API documentation

```
-----265001916915724
Content-Disposition: form-data; name="k"
```

DEVELOPER_KEY

```
-----265001916915724
Content-Disposition: form-data; name="action"
```

postComment

```
-----265001916915724--
```

Example HTTP response

```
HTTP/1.1 200 OK
Date: Tue, 08 Sep 2009 08:33:39 GMT
Server: Apache/2.2.9 (Fedora)
X-Powered-By: PHP/5.2.6
Expires: Thu, 19 Nov 1981 08:00:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
Pragma: no-cache
Content-Length: 45
Connection: close
Content-Type: text/html; charset=UTF-8
```

```
{"url":"http://www.mobypicture.com/user/Bram/view/492487#comment89244","result":"0","message":""}
```

getComments

Request method: GET

Retrieves all comments on a posting identified by the tinyurl-code.

Variables

k	required	
See "How to interact with the API" for explanation.		

tinyurl_code	required	
The code part of a tinyurl. The code is the part after the first slash (/) after the domain name of the tinyurl ignoring the question mark (?). So for http://moby.to/2akvn9 , the tinyurl code would be "2akvn9". Also be advised that the "http://mobypicture.com/?2akvn9" tiny-urls are being phased out and will not be supported in the near future.		

format	optional	
See "How to interact with the API" for explanation. Only the formats "xml" or "json" are supported for this function.		

Example HTTP request

```
GET /?action=getComments&k=DEVELOPER_KEY&tinyurl_code=5zubkh&format=json HTTP/1.1
Host: api.mobypicture.com
Connection: keep-alive
Keep-Alive: 300
```

Example HTTP response

```
HTTP/1.1 200 OK
Date: Tue, 24 Sep 2009 08:00:00 GMT
Server: Apache/2.2.9 (Fedora)
X-Powered-By: PHP/5.2.6
Expires: Thu, 19 Nov 1981 08:00:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0Pragma: no-cache
Content-Length: 1006
Connection: close
Content-Type: text/html; charset=UTF-8
```

```
{"comments":[{"username":"Bram","name":"","url_avatar":"http://www.mobypicture.com/images/
/avatar/bbe6ffea20151b8602eea18da40f9704_60px.jpg","url_avatar_small":"http://www.mobypict
ure.com/images/avatar/bbe6ffea20151b8602eea18da40f9704_24px.jpg","created_on":"2009-09-08
10:39:52","message":"Example for the API
documenation"}, {"username":"Bram","name":"","url_avatar":"http://www.mobypicture.com/image
s/avatar/bbe6ffea20151b8602eea18da40f9704_60px.jpg","url_avatar_small":"http://www.mobypi
cture.com/images/avatar/bbe6ffea20151b8602eea18da40f9704_24px.jpg","created_on":"2009-09-
08 10:38:52","message":"Example for the API
documenation"}, {"username":"Bram","name":"","url_avatar":"http://www.mobypicture.com/image
s/avatar/bbe6ffea20151b8602eea18da40f9704_60px.jpg","url_avatar_small":"http://www.mobypi
cture.com/images/avatar/bbe6ffea20151b8602eea18da40f9704_24px.jpg","created_on":"2009-09-
08 10:36:37","message":"Example for the API documenation"}], "result":"0", "message":""}
```

getUser

Request method: GET

Retrieves extended information about a Mobypicture user.

Variables

k	<i>required</i>	
See "How to interact with the API" for explanation.		

u	<i>required</i>	
Should contain the Mobypicture for which you would like to receive additional user information.		

format	<i>optional</i>	
See "How to interact with the API" for explanation. Only the formats "xml" or "json" are supported for this function.		

Example HTTP request

```
GET /?action=getUser&k=DEVELOPER_KEY&u=bram&format=json HTTP/1.1
Host: api.mobypicture.com
Keep-Alive: 300
Connection: keep-alive
```

Example HTTP response

```
HTTP/1.1 200 OK
Date: Tue, 08 Sep 2009 08:41:42 GMT
Server: Apache/2.2.9 (Fedora)
X-Powered-By: PHP/5.2.6
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
Pragma: no-cache
Content-Length: 409
Connection: close
Content-Type: text/html; charset=UTF-8
```

```
{"username":"Bram","firstname":"Bram","lastname":"Pelgrom","url":"http://www.mobypicture.com/user/Bram","url_avatar":"http://www.mobypicture.com/images/avatar/bbe6ffea20151b8602eeal8da40f9704_60px.jpg","url_avatar_small":"http://www.mobypicture.com/images/avatar/bbe6ffea20151b8602eeal8da40f9704_24px.jpg","post_count":"836","friends_count":"13","followers_count":"13","result":"0","message":""}
```

Error codes

0	Success
99	Something went very, very wrong. (Rarily happens)
100	API has been disabled for maintenance, retry later
101	Invalid action supplied
102	Invalid developer key supplied.
103	Invalid username or password supplied.
104	You tried to upload a file while doing a GET, HEAD, PUT or OPTION request.. not gonna happen. Try POST.
105	Upload error <PHP file-upload error code> Please check the following website for an explanation: http://nl2.php.net/manual/en/features.file-upload.errors.php
106	You might be doing something that you're not supposed to do, or something on our side is broken. Are you sure you're using multipart/form-data as enctype? Anyways, this is not working out. Please tell us if experience this error.
107	File was not a valid image.
108	See 107.
200	Due to technical difficulties we were not able to process your posting. Please try again later.
301	The specified tinyurl seems to not exist. Try opening the link in your browser to check if it really doesn't work.
302	We know this tinyurl, but it's not mapped to an existing posting in our system.
303	You are using the old ' getThumb ' method, which needs a complete URL sent along with it. Use ' getThumbUrl ' if you just want to send the tinyurl-code.
401	The given username/password combination does not belong to a Mobypicture or Twitter user.
800	The specified action does not support this output type. Change the " format " variable to something else.
888	This feature is currently being implemented, stay tuned.