

GTracker Web API v1.0

Web API work via GET-requests. All output data is JSON-formatted.

Error handling

Each reply contain follow fields:

Name	Type	Optional	Description
e_ok	Boolean	No	If request doesn't have errors than this field value is true
e_msg	String	Yes	This field presets only if request have errors and contain error message

Identification

For each GTracker client assigned generic-string – device name (length 12 chars). Most of Web API requests require client_id – associated number for device name.

URL: <http://host/api/id.php>

Parameters

Name	Type	Optional	Description
name	String	No	Device name, 12 chars

Output

Name	Type	Optional	Description
client_id	Unsigned	No	Client ID number
alias	String	No	Second name of assigned string. If empty than name is not assigned.

Track List

Receiving all tracks.

URL: <http://host/api/tracks.php>

Parameters

Name	Type	Optional	Description
client_id	Unsigned	No	Client ID number

Output

Name	Type	Optional	Description
size	Unsigned	No	Tracks count
Array Begin			
track_id	Unsigned	No	Track ID number
Array End			

Receiving Track

You can receive track's points for selected track.

URL: http://host/api/get_track.php

Parameters

Name	Type	Optional	Description
client_id	Unsigned	No	Client ID number
track_id	Unsigned	No	Track ID number

Output

Name	Type	Optional	Description
size	Unsigned	No	Tracks count
track_id	Unsigned	No	Track ID number
Array Begin			
lat	Double	No	Latitude
lon	Double	No	Longitude
Array End			

Online

Receive position in real time.

URL: <http://host/api/online.php>

Parameters

Name	Type	Optional	Description
client_id	Unsigned	No	Client ID number
last_id	Unsigned	Yes	Last position ID

Output

Name	Type	Optional	Description
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size	Unsigned	No	Position points count
Array Begin			
Id	Unsigned	No	Position ID
lat	Double	No	Latitude
lon	Double	No	Longitude
Array End			

If you request without last_id argument than server will send all points since track start or 0 if client is offline. If argument last_id is exists than server will return only new points.