



# Misfit Cloud API v2 - Resource API

- [HTTP Header](#)
- [Error Code](#)
- [Endpoints](#)
  - [Profile](#)
  - [Statistics](#)
  - [Settings](#)
  - [Activity](#)
    - [Activity Graph](#)
    - [Activity Summary](#)
    - [Activity Details](#)
  - [Sleep](#)
    - [Sleep Summary](#)
    - [Sleep Details](#)
  - [Weight](#)
    - [Weight Summary](#)

## HTTP Header

for All Resource Requests:

Header	Value	Description
Authorization	bearer [the_token_string]	OAuth token

## Error Code

Just use the HTTP status code. 200: OK, 403: forbidden, 400: bad request.

## Endpoints

### Profile

<b>Endpoint</b>	GET /cloudapi/resource/v2/user/me/profile
<b>Description</b>	Get the user's profile
<b>Result Field</b>	"profile" in Object

Field	Sample	Description
gender	female	female or male
dateOfBirth	419904000	timestamp of the birthday, local time
name	tester	user name
latestVersion	2.2.1.27-a56524	version of Misfit app
handle	tester	social handle
avatar	http://assets.example.com/the_logo_url	image url
id	53820bb3fd792cbea7005442	user id
updatedAt	1440428634	timestamp
dateOfBirthUTC	419904000	timestamp of the birthday, UTC time
createdAt	1401031603	timestamp

## Statistics

--	--

<b>Endpoint</b>	GET /cloudapi/resource/v2/user/me/profile/statistics
<b>Description</b>	Get statistics summary of the user.
<b>Result Field</b>	"statistics" in Object

Field	Sample	Description
best_streak	6	
total_goals_hit	48	
lifetime_distance	433.37495224551236	distance total
best_record	2426.4	points of best
best_record_timestamp	1426402804	
average_sleep	28188.275862068964	In seconds

## Settings

<b>Endpoint</b>	GET /cloudapi/resource/v2/user/me/profile/settings
<b>Description</b>	Get personal settings of the user.
<b>Result Field</b>	"setting" in Object

Field	Sample	Description
timezone_offset	28800	timezone information of the user.
activity_goal	1000	points
sleep_goal	28800	in seconds
weight_goal	143	in pounds
updated_at	1439780412	
pool_length	25	pool length for Speedo Shine
pool_length_unit	meter	meter or yard

## Activity

### Activity Graph

<b>Endpoint</b>	GET /cloudapi/resource/v2/user/me/activity/graph?date=YYYY-MM-DD
<b>Description</b>	Get Activity Graph of a day
<b>Result Field</b>	"graph_list" in Array

Field	Sub-field	Type	Sample value	Description
date		String	"2014-08-01"	Formatted as 'YYYY-MM-DD', such as '2014-08-01'
last_session_end_time		Integer	1441899900	Unix timestamp
timezone_offset		Integer	28800	In seconds
steps		Integer	400	
updated_at		Float	100.5	In calories
items		Array		

	timestamp	Integer	1441899900	Unix timestamp
	value	Float	0.15222222544252872	Average points per seconds during 30 mins.

Activity Summary

Endpoint	GET /cloudapi/resource/v2/user/me/activity/summary?date=YYYY-MM-DD&period=week month
Description	Get Activity summary of a week or a month.
Result Field	"activity_summary" in Array

Field	Type	Sample value	Description
date	String	"2014-08-01"	Formatted as 'YYYY-MM-DD', such as '2014-08-01'
activity_goal	Integer	500	points of goal
points	Integer	800	
steps	Integer	400	
calories	Float	100.5	In calories
distance	Float	3.5	In miles

Activity Details

Endpoint	GET /cloudapi/resource/v2/user/me/activity?date=YYYY-MM-DD
Description	Get Activity details of a day.
Result Field	"activity_list" in Array

Field	Sub-field	Type	Sample value	Description
date		String	"2014-08-01"	Formatted as 'YYYY-MM-DD', such as '2014-08-01'
updated_at		Integer	133456777	Unix timestamp
timezone_offset		Integer	28800	In seconds
goal		Integer	500	points of goal
points		Integer	800	
steps		Integer	400	
calories		Float	100.5	In calories
distance		Float	3.5	In miles
sessions		Array		
	id	String	"541fc31256c02c1c9a0003c8"	
	start_time	Integer	1406851200	Unix timestamp
	duration	Integer	700	In seconds
	source	String	"misfit"	Data source
	points	Integer	300	
	steps	Integer	100	
	distance	Float	3.5	In miles
	calories	Float	400.5	In calories

	activity_type	String	"running"	<div>running</div> <div>cycling</div> <div>swimming</div> <div>walking</div> <div>tennis</div> <div>basketball</div> <div>football</div> <div>yoga</div> <div>dancing</div> <div>sleep</div> <div>other</div>
	is_best_record	Boolean	false	
	activity_name	String	"walking"	can be empty. use activity_type will be more reliable.
	is_lap_counting	Boolean	true	is lap counting swimming session or not
	laps	Integer	2	
	pool_length	Integer	2	
	pool_length_unit	String	"yard"	yard or meter

## Sleep

### Sleep Summary

Endpoint	GET /cloudapi/resource/v2/user/me/sleep?date=YYYY-MM-DD&period=week month
Description	Get Sleep summary of a week or a month.
Result Field	"sleep_summary" in Array

Field	Type	Sample	Description
date	String	"2014-08-01"	Formated as 'YYYY-MM-DD', such as '2014-08-01'
sleep_goal	Integer	36000	In seconds
sleep_duration	Integer	120	In seconds (sum of sessions)
deep_sleep_duration	Integer	120	In seconds (sum of sessions)

### Sleep Details

Endpoint	GET /cloudapi/resource/v2/user/me/sleep?date=YYYY-MM-DD
Description	Get Sleep details of a day.
Result Field	"sleep_list" in Array

Field	Sub-field	Type	Sample value	Description
date		String	"2014-08-01"	Formated as 'YYYY-MM-DD', such as '2014-08-01'
updated_at		Integer	133456777	Unix timestamp

timezone_offset		Integer	28800	In seconds								
goal		Integer	36000	In seconds								
awake_duration		Integer	120	In seconds (sum of sessions)								
light_sleep_duration		Integer	120	In seconds (sum of sessions)								
sleep_duration		Integer	120	In seconds (sum of sessions)								
deep_sleep_duration		Integer	120	In seconds (sum of sessions)								
sessions		Array										
	timestamp	Integer	1234567	Where to display it on app								
	source	String	"misfit"	Data source.								
	bookmark_time	Integer	1234567	When user triple tapped for sleep tagging								
	real_start_time	Integer	1234567	device detected start time								
	real_end_time	Integer	1234666	device detected end time								
	edited_start_time	Integer	1234666	user edited start time								
	edited_end_time	Integer	1234666	user edited end time								
	is_auto_detected	Boolean	true									
	sleep_secs	Integer	3600	deep + light sleep								
	deep_sleep_secs	Integer	1800									
	sleep_states	Array	[[123, 3]]	Array of [timestamp, sleep_state]. <table><tr><th>Value</th><td></td></tr><tr><td>1</td><td>Wake</td></tr><tr><td>2</td><td>Sleep</td></tr><tr><td>3</td><td>Deep sleep</td></tr></table>	Value		1	Wake	2	Sleep	3	Deep sleep
Value												
1	Wake											
2	Sleep											
3	Deep sleep											
	sleep_duration	Integer	1200	server calculated sleep duration, it may not equal to sleep_secs if the user edited it.								
	awake_duration	Integer	1200	awake duration, read from awake_secs from beddit, real time duration - sleep_secs for normal sleep.								
	light_sleep_duration	Integer	1200	sleep duration - deep sleep duration.								

## Weight

### Weight Summary

Endpoint	GET /cloudapi/resource/v2/user/me/weight?date=YYYY-MM-DD&period=week month
Description	Get Weight summary of a week or a month.
Result Field	"weight_summary" in Array

Field	Type	Sample	Description
date	String	"2014-08-01"	Formated as 'YYYY-MM-DD', such as '2014-08-01'
weight_goal	Integer	130	In pounds
weight	Integer	140	In pounds