API Documentation Mobile City Memory

These web services can be reached via the URL "/services/" + the respective web service name. The parameters have to be added in the given order, separated by forward slashes.

Example: http://localhost/services/locations/52.12456/14.24363

Bold parameters are required, *cursive parameters* optional.

These services return data in JSON.

locations/lat/*maxlat*/lon/*maxlon*/

GET

This retrieves all locations in a certain area.

Parameters

lat	Lower latitude bound, if maxlat is present, otherwise latitude around which locations will be returned Format: `[0-9]{1,3}.[0-9]{1,10}`
maxlat	Upper latitude bound Format: `[0-9]{1,3}.[0-9]{1,10}`
lon	Lower longitude bound, if maxlon is present, otherwise longitude around which locations will be returned Format: `[0-9]{1,3}.[0-9]{1,10}`
maxlon	Upper longitude bound Format: `[0-9]{1,3}.[0-9]{1,10}`

If maxlat and maxlon are not present, the area searched for locations will be determined by [lat – 0,01, lat + 0,01, lon – 0,01, lon + 0,01]. If both parameters are present, locations will be searched in the area determined by all four parameters.

This behaviour is the same in all the commands with latitude and longitude parameters.

Return data

locations	List of locations:	
	latitude	Latitude of the location
	longitude	Longitude of the location
	title	Title of the location

locations/lat/*maxlat*/lon/*maxlon*/stories/story_count

GET

This retrieves all locations in a certain area, which have at least one story attached to it. This also includes the count of stories attached to the locations.

Parameters

lat	Lower latitude bound, if maxlat is present, otherwise latitude around which locations will be returned Format: `[0-9]{1,3}.[0-9]{1,10}`
maxlat	Upper latitude bound Format: `[0-9]{1,3}.[0-9]{1,10}`

lon	Lower longitude bound, if maxlon is present, otherwise longitude around which locations will be returned Format: `[0-9]{1,3}.[0-9]{1,10}`
maxlon	Upper longitude bound Format: `[0-9]{1,3}.[0-9]{1,10}`

Return data

locations	List of locations:	
	latitude	Latitude of the location
	longitude	Longitude of the location
	title	Title of the location
	story_count	Number of stories attached to the location

locations/lat/*maxlat*/lon/*maxlon*/stories/title

GET

This retrieves all locations in a certain area, which have at least one story attached to it. This also includes the count of stories attached to the locations.

Parameters

lat	Lower latitude bound, if maxlat is present, otherwise latitude around which locations will be returned Format: `[0-9]{1,3}.[0-9]{1,10}`
maxlat	Upper latitude bound Format: `[0-9]{1,3}.[0-9]{1,10}`
lon	Lower longitude bound, if maxlon is present, otherwise longitude around which locations will be returned Format: `[0-9]{1,3}.[0-9]{1,10}`
maxlon	Upper longitude bound Format: `[0-9]{1,3}.[0-9]{1,10}`

Return data

locations	List of locations:		
	latitude	Latitude of the location	
	longitude	Longitude of the location	
	title	Title of the location	
	stories	List of stories:	
		title	Title of the story

locations/lat/*maxlat*/lon/*maxlon*/stories/

GET

This retrieves all locations in a certain area, which have at least one story attached to it. This also includes the count of stories attached to the locations.

Parameters

lat	Lower latitude bound, if maxlat is present, otherwise latitude around which locations will be returned Format: `[0-9]{1,3}.[0-9]{1,10}`
maxlat	Upper latitude bound Format: `[0-9]{1,3}.[0-9]{1,10}`

lon	Lower longitude bound, if maxlon is present, otherwise longitude around which locations will be returned Format: `[0-9]{1,3}.[0-9]{1,10}`
maxlon	Upper longitude bound Format: `[0-9]{1,3}.[0-9]{1,10}`

Return data

locations	List of locations:		
	latitude	Latitude of the location	
	longitude	Longitude of the location	
	title	Title of the location	
	stories	List of stories:	
		title	Title of the story
		author	Author of the story
		text	Text of the story in HTML
		time_start	Startpoint of the story
		time_end	*Optional:* Endpoint of the story
		type	Type of the story
		image	*Optional:* First image of the story:
			alt — Alternative text for the image
			src — Source to the image

locations/stories/title

GET

This retrieves all the saved stories and their title.

Parameters

None

Return data

stories	List of stories:	
	title	Title of the story
	location	*Optional:* ID of the location this story is attached to.

locations/stories

GET

This retrieves all the saved stories with or without a location.

Parameters

None

Return data

stories	List of stories:	
	title	Title of the story
	author	Author of the story
	text	Text of the story in HTML
	time_start	Startpoint of the story
	time_end	*Optional:* Endpoint of the story
	type	Type of the story
	image	*Optional:* First image of the story:

		alt	Alternative text for the image	
		src	Source to the image	
	location		*Optional:* ID of the location this story is attached to.	

locations/id/

GET

This retrieves all locations in a certain area.

Parameters

id	ID of the story to be retrieved

Return data

locations	List of locations:	
	latitude	Latitude of the location
	longitude	Longitude of the location
	title	Title of the location

locations/id/stories/story_count

GET

This retrieves all locations in a certain area, which have at least one story attached to it. This also includes the count of stories attached to the locations.

Parameters

id	ID of the story to be retrieved

Return data

locations	List of locations:	
	latitude	Latitude of the location
	longitude	Longitude of the location
	title	Title of the location
	story_count	Number of stories attached to the location

locations/id/stories/title

GET

This retrieves all locations in a certain area, which have at least one story attached to it. This also includes the count of stories attached to the locations.

Parameters

id	ID of the story to be retrieved

Return data

locations	List of locations:		
	latitude	Latitude of the location	
	longitude	Longitude of the location	
	title	Title of the location	
	stories	List of stories:	
		title	Title of the story

locations/id/stories/

This retrieves all locations in a certain area, which have at least one story attached to it. This also includes the count of stories attached to the locations.

Parameters

id	ID of the story to be retrieved

Return data

locations	List of locations:			
	latitude	Latitude of the location		
	longitude	Longitude of the location		
	title	Title of the location		
	stories	List of stories:		
		title	Title of the story	
		author	Author of the story	
		text	Text of the story in HTML	
		time_start	Startpoint of the story	
		time_end	Optional: Endpoint of the story	
		type	Type of the story	
		image	Optional: First image of the story:	
			alt	Alternative text for the image
			src	Source to the image