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Magikarp
COMS W4156
Magikarp API

POST /messages

Get a collection of posts based on a geographic area.

Authorization

No authentication is required to get messages.

Request Parameters

Query Parameters

- latitude_top (double)
 - The northernmost latitude of the requested geographic boundary.
 - Format: Decimal degrees
- longitude_left (double)
 - The leftmost longitude of the requested geographic boundary. Left does not necessarily imply the western-most point (ex. crossing International Date Line).
 - Format: Decimal degrees
- latitude_bottom (double)
 - The southernmost latitude of the requested geographic boundary.
 - Format: Decimal degrees
- longitude_right (double)
 - The rightmost longitude of the requested geographic boundary. Right does not necessarily imply the eastern-most point (ex. crossing International Date Line).
 - Format: Decimal degrees
- max_records (integer)
 - The maximum number of messages located in the geographic boundary to return

Responses

200 application/json

```
{
  "record_count" : "integer",
  "records" : [
    {
      "id" : "integer",
      "user_id" : "integer",
      "image_url" : "string",
      "text" : "string",
      "latitude" : "double",
      "longitude" : "double",
      "timestamp" : "string [date-time]"
    }
  ]
}
```

204 application/json

```
{
}
```

POST /messages/{user_id}

Get a collection of posts created by a specific user.

Authorization

No authentication is required to get messages.

Request Parameters

Path Parameters

- user_id (integer)
 - The user ID.

Responses

200 application/json

```
{
  "record_count" : "integer",
  "records" : [
    {
      "id" : "integer",
      "user_id" : "integer",
      "image_url" : "string",
      "text" : "string",
      "latitude" : "double",
      "longitude" : "double",
      "timestamp" : "string [date-time]"
    }
  ]
}
```

204 application/json

```
{
}
```

POST /messages/{user_id}/new

Create a new message.

Authorization

Google Account ID Token

Request Parameters

Path Parameters

- user_id (integer)
 - The user ID.

Request Body

- id_token (string)
 - The authorization token for server authentication.
- image_url (string)
 - The url of the image.
- text (string)
 - The message text.
- latitude (double)
 - The message geotag latitude.
 - Format: Decimal degrees
- longitude (double)
 - The message geotag longitude.
 - Format: Decimal degrees

Responses

201 application/json

```
{  
  "record_id": "string"  
}
```

401 application/json

```
{  
  "responseCode": "integer"  
  "error": "string"  
}
```

POST /messages/{user_id}/update/{record_id}

Update an existing message.

Authorization

Google Account ID Token

Request Parameters

Path Parameters

- user_id (integer)
 - The user ID.
- record_id (integer)
 - The ID of the record to update.

Request Body

- id_token (string)
 - The authorization token for server authentication.
- image_url (string)
 - The message image.
- text (string)
 - The message text.
- latitude (double)
 - The message geotag latitude.
 - Format: Decimal degrees
- longitude (double)
 - The message geotag longitude.
 - Format: Decimal degrees

Responses

200 application/json

```
{  
  "responseCode": "integer"  
}
```

401 application/json

```
{  
  "responseCode": "integer"  
  "error" : "string"  
}
```

POST /messages/{user_id}/delete/{record_id}

Delete an existing message.

Authorization

Google Account ID Token

Request Parameters

Path Parameters

- user_id (string)
 - The user ID.
- record_id (integer)
 - The ID of the record to delete.

Request Body

- id_token (string)
 - The authorization token for server authentication.

Responses

200 application/json

```
{  
  "responseCode": "integer"  
}
```

401 application/json

```
{  
  "responseCode": "integer"  
  "error" : "string"  
}
```