nanoTwitter

NanoTwitter for Brandeis University's Scalability taught by Pito Salas

Version: 1.0.0

Terms of service

http://swagger.io/terms/

Contact information:
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License: Apache 2.0

Find out more about Swagger

Security

petstore_auth

oauth2	*OAuth 2.0*
Authorization URL	http://petstore.swagger.io/oauth/dialog
Flow	implicit
Scopes	
write:pets	modify pets in your account
read:pets	read your pets

api_key

apiKey	*API Key*
Name	api_key
In	header

/users/new

POST

Summary:

Add a new user

Parameters

Name	Located in	Description	Required	Schema
User	body	New user to add	No	User

Responses

Code	Description
200	OK
403	Failed to create user

/users/{username}

GET

Summary:

Finds user by username

Description:

Finds user by username

Parameters

Name	Located in	Description	Required	Schema
username	path	username of the user to be found	Yes	string

Responses

Code	Description	Schema
200	successful operation	User
400	Invalid username value	

PUT

Summary:

Update an existing user information

Parameters

Name	Located in	Description	Required	Schema
username	path	username of the user to be found	Yes	string

Responses

Code	Description
200	OK
404	User not found
405	Validation exception

/{username}/tweets

GET

Summary:

Display current user's tweets

Description:

Returns a list of a user's tweets

Parameters

Name	Located in	Description	Required	Schema
username	path	username of a user for their tweets	Yes	string (int64)

Responses

Code	Description	Schema
200	successful operation	[Tweet]
400	Invalid user supplied	
404	user not found	

Security

Security Schema	Scopes
api_key	

/tweets/recent

GET

Summary:

Returns the most recent 50 tweets

Description:

Returns a list of most recent updated tweets

Responses

Code	Description	Schema
200	successful operation	[Tweet]

/tweets/following

GET

Summary:

Returns tweets from users followed by current user

Description:

Returns a list of tweets from users followed by current user

Responses

Code	Description
200	successful operation

/tweets/new

POST

Summary:

Create a new tweet

Parameters

Name	Located in	Description	Required	Schema
Tweet	body	New user to add	No	Tweet

Responses

Code	Description
200	successful operation
400	Invalid Tweet

/tweets/{tweetId}

GET

Summary:

Find tweets by ID

Description:

For valid response try integer IDs. Non-existent ID will generate exceptions.

Parameters

Name	Located in	Description	Required	Schema
tweetId	path	ID of tweet that needs to be fetched	Yes	long

Responses

Code	Description	Schema
200	successful operation	Tweet
400	Invalid ID supplied	
404	Tweet not found	

DELETE

Summary:

Delete tweet by ID

Description:

delete tweet

Parameters

Name	Located in	Description	Required	Schema
tweetId	path	ID of the tweet that needs to be deleted	Yes	long

Responses

Code	Description
400	Invalid ID supplied

Code	Description
404	Tweet not found

/tweets/trending/{hash_tag}

GET

Summary:

Find tweets by hash_tag

Description:

For valid response try integer hash_tag ID.

Parameters

Name	Located in	Description	Required	Schema
hash_tag	path	ID of hash_tag on tweets that needs to be fetched	Yes	long

Responses

Code	Description	Schema
200	successful operation	[Tweet]
400	Invalid ID supplied	
404	Tweet not found	

/comments/{tweet_id}/new

POST

Summary:

Create a new comment for a tweet

Parameters

Name	Located in	Description	Required	Schema
tweet_id	path	ID of tweet to be commented	Yes	long
Comment	body	New comment to add	No	Comment

Responses

Code	Description
200	successful operation
400	Invalid tweet_id

/comments/{tweet_id}

GET

Summary:

All comments for a specific tweet

Description:

Return a list of all comments for a specific tweet

Parameters

Name	Located in	Description	Required	Schema
tweet_id	path	id for a specific tweet	Yes	long

Responses

Code	Description	Schema
200	successful operation	[Comment]
400	Invalid tweet_id supplied	
404	tweet_id not found	

/mentions/{tweet_id}/new

POST

Summary:

Create a tweet mentioning a/many users

Parameters

Name	Located in	Description	Required	Schema
tweet_id	path	ID of tweet to be commented	Yes	long
Mention	body	New mention to add	No	Mention

Responses

Code	Description
200	successful operation
400	Invalid tweet_id

/signup

GET

Summary:

Show the user creation page

Responses

Code	Description
200	OK

/{tweet_id}/like

GET

Summary:

Number of likes for a specific tweet

Description:

Recieve an integer with the number of likes

Parameters

Name	Located in	Description	Required	Schema
tweet_id	path	id for a specific tweet	Yes	long

Responses

Code	Description
200	successful operation
400	Invalid tweet_id supplied
404	tweet_id not found

POST

Summary:

Add new like for specific tweet by a specific user

Parameters

Name	Located in	Description	Required	Schema
tweet_id	path	User id and tweet id	Yes	long
Like	body	New like to add	No	Like

Responses

Code	Description
default	successful operation

DELETE

Summary:

Delete like for a tweet by a user

Description:

Unlike a tweet that a user liked

Parameters

Name	Located in	Description	Required	Schema
tweet_id	path	Delete like by a user on a tweet	Yes	long

Responses

Code	Description
400	Invalid User supplied or invalid tweet ID
404	Like was not found

/follows/{user_id}/{followed_id}

POST

Summary:

Add new follow relationship between two users

Parameters

Name	Located in	Description	Required	Schema
user_id	path	User id who follows	Yes	long
followed_id	path	User id who is followed	Yes	long
Follow	body	New follow relationship to add	No	Follow

Responses

Code	Description
default	successful operation

DELETE

Summary:

Delete follow relationship between two users

Description:

Unfollow a user who was followed

Parameters

Name	Located in	Description	Required	Schema
user_id	path	User id who follows	Yes	long
followed_id	path	User id who is followed	Yes	long

Responses

Code	Description
400	Invalid User supplied
404	Follow was not found

/{user_id}/following/users

GET

Summary:

User being followed by current user

Description:

Return a list of users followed by current user

Parameters

Name	Located in	Description	Required	Schema
user_id	path	id for current user	Yes	long

Responses

Code	Description	Schema
200	successful operation	[User]
400	Invalid user_id supplied	
404	user_id not found	

/{user_id}/followed/users

GET

Summary:

Users who are following current user

Description:

Return a list of users follow current user

Parameters

Name	Located in	Description	Required	Schema
user_id	path	id for current user	Yes	long

Responses

Code	Description	Schema
200	successful operation	[User]
400	Invalid user_id supplied	
404	user_id not found	

/notifications/{username}

GET

Summary:

Show all notifications

Parameters

Name	Located in	Description	Required	Schema
username	path	username of the user	Yes	string

Responses

Code	Description	Schema
200	OK	AllNotifications
404	User not found	NoUserNotifications

/hash_tags/new

POST

Summary:

Create a new hash_tags

Parameters

Name	Located in	Description	Required	Schema
HashTag	body	New hashtag to add	No	HashTag

Responses

Code	Description
200	successful operation

/search/{keyword}

GET

Summary:

Show all search result of keyword

Parameters

Name	Located in	Description	Required	Schema
keyword	path	keyword to be searched	Yes	string

Responses

Code	Description	Schema
200	OK	Search
404	no result of such keyword	

Models

User

Name	Type	Description	Required
id	number		No
name	string		No
email	string		No
password	string		No

Tweet

Name	Type	Description	Required
tweet_id	number		No
user_id	number		No
content	string		No

Comment

Name	Type	Description	Required
comment_id	integer		No
tweet_id	integer		No
user_id	integer		No
content	string		No

Follow

Name	Type	Description	Required
id	number		No
follower_id	number		No
followed_id	number		No

NoUserNotifications

Name	Type	Description	Required
username	string		No
success	boolean		No

AllNotifications

Name	Type	Description	Required
username	string		No
total	long		No
success	boolean		No
notifications	[object]		No

Search

Name	Type	Description	Required
keyword	string		No
total	long		No
success	boolean		No
results	[object]		No

HashTag

Name	Type	Description	Required
id	number		No
content	string		No

Like

Name	Type	Description	Required
id	number		No
tweet_id	number		No
user_id	number		No

Mention

Name	Type	Description	Required

Name	Type	Description	Required
id	number		No
tweet_id	number		No
user_id	number		No