

# Minitwit REST API Documentation

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## URL Extension: /minitwit/api/timeline/public

Supported HTTP Methods

Resulting Behavior

**GET**

Displays all messages in the database

GET Request JSON:

*none*

GET Response JSON

```
[
{
  "email": "jjsmith@gmail.com",
  "pub_date": "2018-02-19 @ 01:37",
  "text": "What's up everyone?!",
  "username": "John Smith"
}
```

## URL Extension: /minitwit/api/timeline/public/<username>

Supported HTTP Methods

Resulting Behavior

**GET**

Displays all messages posted by <username>

GET Request JSON:

*none*

GET Response JSON

```
[
{
  "email": "jjsmith@gmail.com",
  "pub_date": "2018-02-19 @ 01:37",
  "text": "What's up everyone?!",
  "username": "John Smith"
}
```

## URL Extension: /minitwit/api/timeline/personal

Supported HTTP Methods

Resulting Behavior

**GET - Authentication Required**

Displays the authenticated user's timeline

GET Request JSON:

*none*

GET Response JSON

```
[
{
  "email": "jjsmith@gmail.com",
  "pub_date": "2018-02-19 @ 01:37",
  "text": "What's up everyone?!",
  "username": "John Smith"
}
```

```
}  
]
```

---

**POST - Authentication Required**

Registers a new message for the authenticated user

---

POST Request JSON:

```
{  
  "text": "I want to post this!"  
}
```

POST Response JSON

```
{  
  "code": 200,  
  "message": "Your message was recorded."  
}
```

## URL Extension: /minitwit/api/following

Supported HTTP Methods

Resulting Behavior

---

**GET - Authentication Required**

Displays all users followed by the authenticated user

---

GET Request JSON:

*none*

GET Response JSON

```
[  
  {  
    "username": "John Smith"  
  }  
]
```

---

**PUT - Authentication Required**

Sets the authenticated user as a follower of <username>

---

PUT Request JSON:

```
{  
  "username": "user1"  
}
```

PUT Response JSON

```
{  
  "code": 201,  
  "message": "You are now following user1."  
}
```

---

**DELETE - Authentication Required**

Unsets authenticated user as a follower of <username>

---

DELETE Request JSON:

```
{  
  "username": "user1"  
}
```

DELETE Response JSON

```
{  
  "code": 200,  
  "message": "You are no longer following user1"  
}
```

## URL Extension: /minitwit/api/register

Supported HTTP Methods

Resulting Behavior

---

**POST**

Registers a new user

---

POST Request JSON:

```
{  
  "username": "user1",
```

POST Response JSON

```
{  
  "code": 201,
```

```
"password":"default",  
"password2":"default"  
"email":"me22@gmail.com"  
}
```

```
"message": "Account successfully registered"  
}
```