

Database Rest API Documentation

Package/NPM Dependencies:

- body-parser
- detenv
- express
- mysql
- bcryptjs
- multer
- jsonwebtoken
- file-type

Rest API Link:

- <https://alarmbuddy.wm.r.appspot.com>

Calls:

- User Information: <https://alarmbuddy.wm.r.appspot.com/users/{username}>
 - GET request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - curl -X GET <https://alarmbuddy.wm.r.appspot.com/users/Don> -H
"Authorization:
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpwG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZmxhZjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3uf"
- Creating New User: <https://alarmbuddy.wm.r.appspot.com/register>
 - POST request
 - Variables/Arguments
 - username
 - password
 - firstName
 - lastName
 - email
 - phoneNumber
 - birthdate
 - Example using cURL:
 - curl -X POST -d
"username=helo&password=helo&firstName=aaron&lastName=marshall&email=test@gmail.com&phoneNumber=777-777-7777&birthDate=1998-10-27"
<https://alarmbuddy.wm.r.appspot.com/newUser>
- Get Friends: <https://alarmbuddy.wm.r.appspot.com/friendsWith/{username}>

- GET request
- {username} = the user's username as listed on their account
- Example using cURL:
 - curl -X GET https://alarmbuddy.wm.r.appspot.com/friendWith/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3uf"
- Login: <https://alarmbuddy.wm.r.appspot.com/login>
 - POST request
 - Example using cURL:
 - curl -X POST -d "username=johnny&password=helo" https://alarmbuddy.wm.r.appspot.com/login
- Download Sound: <https://alarmbuddy.wm.r.appspot.com/download/{username}/{soundID}>
 - GET request
 - {username} = the user's username as listed on their account
 - {soundID} = the ID of the sound in the database – use /sounds handler to get list of sounds user owns
 - Example using cURL:
 - curl -X GET https://alarmbuddy.wm.r.appspot.com/download/johnny/31 -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Upload Sound: <https://alarmbuddy.wm.r.appspot.com/upload/{username}>
 - POST request
 - {username} = the user's username as listed on their account
 - Variables/Arguments
 - file
 - Example using cURL:
 - curl -X POST -F "file=@/path_to_file" -F "soundDescription=this is some description of the sound" https://alarmbuddy.wm.r.appspot.com/upload/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- User Sound List: <https://alarmbuddy.wm.r.appspot.com/sounds/{username}>
 - GET request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - curl -X GET https://alarmbuddy.wm.r.appspot.com/sounds/johnny -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"

1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I
2NVCuK3us"

- Delete Sound: <https://alarmbuddy.wm.r.appspot.com/deleteSound/{username}/{soundID}>
 - DELETE request
 - {username} = the user's username as listed on their account
 - {soundID} = the ID of the sound in the database – use /sounds handler to get list of sounds user owns
 - Example using cURL:
 - curl -X DELETE <https://alarmbuddy.wm.r.appspot.com/deleteSound/johnny/31> -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Set Profile Picture: <https://alarmbuddy.wm.r.appspot.com/setProfilePicture/{username}>
 - POST request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - curl -X POST -F "file=@/path/to/file.png" <https://alarmbuddy.wm.r.appspot.com/setProfilePicture/johnny> -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Get Profile Picture: <https://alarmbuddy.wm.r.appspot.com/getProfilePicture/{username}>
 - GET request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - curl -X GET <https://alarmbuddy.wm.r.appspot.com/getProfilePicture/johnny> -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Share Sound: <https://alarmbuddy.wm.r.appspot.com/shareSound/{sender}/{receiver}/{soundID}>
 - POST request
 - {sender} = the username of the user attempting to send a sound
 - {receiver} = the username of the user that should receive the sound
 - {soundID} = the ID of the sound in the database – use /sounds handler to get list of sounds user owns
 - Example using cURL:
 - curl -X POST <https://alarmbuddy.wm.r.appspot.com/shareSound/jeff/johnny/28> -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"

1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I
2NVCuK3us"

- Get Incoming Friend Requests: <https://alarmbuddy.wm.r.appspot.com/requests/{username}>
 - GET request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - curl -X GET <https://alarmbuddy.wm.r.appspot.com/requests/johnny> -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Sending Friend Request:
<https://alarmbuddy.wm.r.appspot.com/sendRequest/{sender}/{receiver}>
 - POST request
 - {sender} = username of person sending the request
 - {receiver} = the username of person to send friend request to
 - Example using cURL:
 - curl -X POST <https://alarmbuddy.wm.r.appspot.com/sendRequest/johnny/Don> -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Accepting Friend Request:
<https://alarmbuddy.wm.r.appspot.com/acceptFriendRequest/{receiver}/{sender}>
 - POST request
 - {receiver} = the username of person to send friend request to
 - {sender} = username of person sending the request
 - Example using cURL:
 - curl -X POST <https://alarmbuddy.wm.r.appspot.com/acceptFriendRequest/johnny/Don> -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Canceling Friend Request:
<https://alarmbuddy.wm.r.appspot.com/cancelFriendRequest/{sender}/{receiver}>
 - POST request
 - {sender} = username of person sending the request
 - {receiver} = the username of person to send friend request to
 - Example using cURL:
 - curl -X POST <https://alarmbuddy.wm.r.appspot.com/cancelFriendRequest/johnny/Don> -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"

1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I
2NVCuK3us"

- *NOTE: only person that sent the friend request can cancel the request
- Denying Friend Request:
https://alarmbuddy.wm.r.appspot.com/denyFriendRequest/{receiver}/{sender}
 - POST request
 - {receiver} = the username of person to send friend request to
 - {sender} = username of person sending the request
 - Example using cURL:
 - curl -X POST
https://alarmbuddy.wm.r.appspot.com/denyFriendRequest/johnny/Don -H
"Authorization:
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImRpvaG5ueSIsImIhdCI6MTYxNzg
1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I
2NVCuK3us"
 - *NOTE: only person that receives the friend request can deny the request
- Deleting Friend: *https://alarmbuddy.wm.r.appspot.com/deleteFriend/{username}/{friend}*
 - POST request
 - {username} = the user's username as listed on their account
 - {friend} = username of friend to remove
 - Example using cURL:
 - Curl -X POST *https://alarmbuddy.wm.r.appspot.com/deleteFriend/johnny/Don*
-H "Authorization:
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImRpvaG5ueSIsImIhdCI6MTYxNzg
1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I
2NVCuK3us"