

Documenting REST API Exercise

Step 1: Upload a sound file to the current user's profile (1 of 2)

Header

Header Name	Description	Required	Values
Bearer	Contains the access token	Required	
Content-Type	Sound file format to upload	Optional	mp3 files: audio/mpeg or wav files: audio/x-wav (default is audio/mpeg)
Accept	Response format	Optional	application/json or application/xml (default is json)

POST or PUT Body

Body	Description
Sound file	Must be 5 minutes or shorter

Sample Request

```
POST https://api.sounddate.com/profile/sound
```

```
{
  "Bearer": {access token},
  "Content-Type": audio/mpeg,
  "Accept": application/json
}
```

```
(sound file)
```

Sample Response

Response Element	Description	Type	Notes
id	Sound file ID	Integer	
length	Sound file length	Floating point	Length measured in seconds

```
{
  "id": 7654,
  "length": 150.5
}
```

Step 2: Retrieving sound file information for a user (2 of 2)

Query Parameters

Parameter	Description	Required	Values
sortOrder	Determines order sound files are returned	Optional	Values: mostRecent, earliest, shortest, longest Default is mostRecent

Note:

- a. mostRecent: sorts most recent to earliest
- b. earliest: sorts earliest to most recent
- c. shortest: sorts shortest to longest
- d. longest: sorts longest to shortest

Header

Header Name	Description	Required	Values
Bearer	Contains the access token	Required	
Accept	Response format	Optional	application/json or application/xml (default is json)

Sample Request

Format: <https://api.sounddate.com/user/{user id}/profile/sound>

Note: {user id} is ID of user profile containing the sound files.

```
GET https://api.sounddate.com/user/7654/profile/sound?
sortOrder=shortest
```

```
{
  "Bearer": {access token},
  "Accept": application/json
}
```

Sample Response

Response Element	Description	Type	Notes
soundFiles	Array of sound file data	Array	
Id	Sound file ID	Integer	
url	Sound file url	String	
length	Sound file length	Floating point	Length measured in seconds

```
{
  "soundFiles": [
    {
      "id": 123456,
      "url": "https://api.sounddate.com/profile/sound/sample1.mp3",
      "length": 150.5
    },
    {
      "id": 234567,
      "url": "https://api.sounddate.com/profile/sound/sample2.mp3",
      "length": 190.8
    }
  ]
}
```

Reference: Status Codes and Errors

Response Element	Description
200	Success for both POST and GET
401	Access token is not valid
413	Sound file is too long