

# Zeo API Notification Feature

## Overview

This document summarizes the notification capability of the Zeo API. The most frequent use-case would be when a 3<sup>rd</sup> party website (i.e. YOUR WEBSITE) that shares a mutual customer with Zeo wishes to show their customer's sleep stats on their website. This feature is not needed for 1<sup>st</sup> party users that simply want to access their data from the API. Those users should directly use the API like it is detailed in our online documentation.

The examples outlined below bypass the need for a full OAUTH implementation, and only require the 3<sup>rd</sup> party to have a single developer account setup on our system as well as an API key. Full OAUTH can be used as well, if desired; please contact us for instructions on how to do this.

For testing please use our staging server: **api-staging.myzeo.com**

Once your application is ready for prime time, let us know! We'll create a production developer account on **mysleep.myzeo.com**

Please let us know if you have any questions or problems using these new API calls or if you experience any difficulties.

## Subscription Walkthrough

To subscribe a user to the notification service, from your website you would direct the user to our subscribe URL. The user will be shown a Zeo branded login screen and asked for their credentials. Once they login, the subscription record will be created and they will be automatically redirected to your redirection url in order to keep the signup process seamless (and that they end up back on your website). You will need to **customize** the subscribe URL for your particular user and service. Please see instructions below for the call for more details.

Once a user has been subscribed to the notification feature, when the user finishes an upload of their sleep data, the 3<sup>rd</sup> party callback URL will be called using an HTTP GET. The 3<sup>rd</sup> party can then call a bulk retrieval function (outlined below), to retrieve just the sleep stats uploaded since the last time they did the retrieval. This will require the 3<sup>rd</sup> party to either a) store the last retrieval date somewhere in their database or b) call the bulk method right away using today's date.

## API Call Examples

All these calls can be made by the 3<sup>rd</sup> party. The subscribe call MUST be authenticated by the user first, though... so **the first time subscribe is called for a user, they must be the ones making the call.**

Please note that items in {curly brackets} are only keyword examples. {} curly brackets will need to be removed when performing the actual calls.

### Subscribe call

This is the call that will be made from your website. The user will click on something on your site to subscribe. The format of the call:

[http://api-staging.myzeo.com:8080/zeows/api/v1/{format}/sleeperService/subscribeToNotify?key={key}&userid={end\\_user\\_id}&callback={your\\_callback\\_url}&redir={your\\_redir\\_url}](http://api-staging.myzeo.com:8080/zeows/api/v1/{format}/sleeperService/subscribeToNotify?key={key}&userid={end_user_id}&callback={your_callback_url}&redir={your_redir_url})

{format} = the format of the response desired (xml | json)

{key} = your API key

{end\_user\_id} = your user's ID on your website

{your\_callback\_url} = the URL we call on your site when the user has uploaded sleep stats

{your\_redir\_url} = the URL to redirect the user to after successful authentication for the first time

An example call:

<http://api-staging.myzeo.com:8080/zeows/api/v1/xml/sleeperService/subscribeToNotify?key=ABCD&userid=zeouser&callback=http://mywebsite.com/zeo/notification&redir=http://mywebsite.com/zeo/success>

---

**For the following functions, you will login using your developer account.** Then, you can get data, change the subscribe parameters (like the callback url), or unsubscribe the user, simply by specifying the userid in the url. This allows you to authenticate once and retrieve stats for many different users all at the same time.

### Unsubscribe call:

[http://api-staging.myzeo.com:8080/zeows/api/v1/{format}/sleeperService/unsubscribeFromNotify?key={key}&userid={end\\_user\\_id}](http://api-staging.myzeo.com:8080/zeows/api/v1/{format}/sleeperService/unsubscribeFromNotify?key={key}&userid={end_user_id})

{format} = the format of the response desired (xml | json)

{key} = your API key

{end\_user\_id} = your user's ID on your website

**getBulkSleepStatsSinceDate (returns sleep stats):**

[http://api-staging.myzeo.com:8080/zeows/api/v1/{format}/sleeperService/getBulkSleepStatsSinceDate?key={key}&userid={end\\_user\\_id}&date={date}](http://api-staging.myzeo.com:8080/zeows/api/v1/{format}/sleeperService/getBulkSleepStatsSinceDate?key={key}&userid={end_user_id}&date={date})

{format} = the format of the response desired (xml | json)  
{key} = your API key  
{end\_user\_id} = your user's ID on your website  
{date} = YEAR-MONTH-DAY (in the format: YYYY-MM-DD, e.g. 2010-10-15)

**getBulkSleepRecordsSinceDate (returns sleep records):**

[http://api-staging.myzeo.com:8080/zeows/api/v1/{format}/sleeperService/getBulkSleepRecordsSinceDate?key={key}&userid={end\\_user\\_id}&date={date}](http://api-staging.myzeo.com:8080/zeows/api/v1/{format}/sleeperService/getBulkSleepRecordsSinceDate?key={key}&userid={end_user_id}&date={date})

{format} = the format of the response desired (xml | json)  
{key} = your API key  
{end\_user\_id} = your user's ID on your website  
{date} = YEAR-MONTH-DAY (in the format: YYYY-MM-DD, e.g. 2010-10-15)