User Manual for Glorious Recovery Web Scraper/Events Page

R&M Software Solutions

Using The Web Scraper (Admin only)

Install the necessary python libraries:
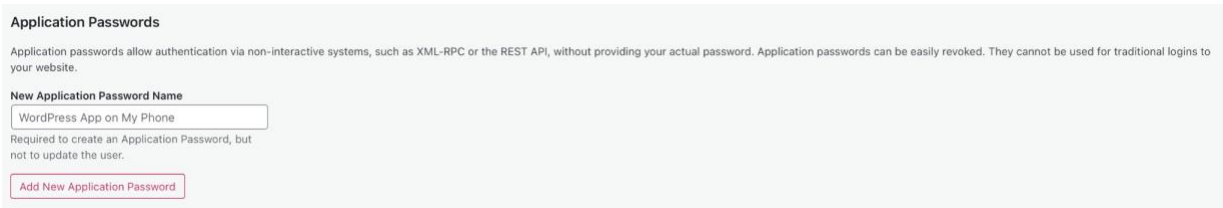
- If you don't already have python installed, go to

  https://www.python.org/downloads/release/python-390/ and install the most current

  release for your machine.

- Open up your terminal (Mac/Unix systems) or command prompt (Windows systems) and

  run the following commands.

    - pip install datefinder

    - pip install datetime

    - pip install re

    - pip install bs4

    - pip install requests

    - pip install pandas

    - pip install json

    - pip install base64

    - pip install urllib

    - pip install os

Some of these may already be installed when python is installed, but it is good to make sure all

dependencies are met in order to run the scraper properly.

- Put any organization URLs you wish to scrape data off of in FacebookURLs.txt, which is

  included in the folder. Make sure the URL points to the *EVENTS* page (example below) on

  the organization's page, otherwise the scraper will not recognize it. Also, be sure to replace

  'www' with 'mbasic' in the URL.

- Next, go to the wordpress admin dashboard and click on users in the sidebar. Click on your account and scroll all the way to the bottom until you see **Application Passwords**. You need to create a new application password. Name it whatever you want and be sure to save the generated password somewhere safe.

Application Passwords

Application passwords allow authentication via non-interactive systems, such as XML-RPC or the REST API, without providing your actual password. Application passwords can be easily revoked. They cannot be used for traditional logins to your website.

New Application Password Name

WordPress App on My Phone

Required to create an Application Password, but not to update the user.

Add New Application Password

- Paste the generated application password into the password variable on line 264 of scraper.py. Be sure to also include your wordpress username on line 263 for the user variable.

```
263    user = 'username-for-wordpress'
264    password = "**** **** **** **** **** ****"
```

- Finally go to your command prompt/terminal and use the 'cd' command to get to the directory of the scraper.

```
(base) michaelfellows@Michaels-MBP ~ % cd desktop
(base) michaelfellows@Michaels-MBP desktop % cd test-scraper
(base) michaelfellows@Michaels-MBP test-scraper % python3 scraper.py
```

Hit enter and watch your wordpress site magically update! Enjoy.

User:

How to search for events

Users can type a search query in the search bar for whatever type of event they are looking for. For example if they are looking for brunch, they can type in 'brunch' and see that the event : **Brunch at La Luna Restaurante** pops up. Users can also toggle the view to display events by month or day.

How to view more details

Users can click on the title or select 'Continue reading' to view more detail.

There, you are able to view the organization hosting the event. There are also separate links to see the original post from Facebook, get tickets if there are any through EventBrite, and get directions to the event using Google Maps.

How to add an event to a personal calendar:

After clicking on an event, you may decide you want to add it to your own personal calendar. If you scroll to the bottom of the event, just below the description will be two buttons. One will add it to your google calendar and the other will add it to your iOS calendar.

+ Add to Google Calendar   + Add to iCalendar

DETAILS

Date:
December 12

Time:
2:00 pm - 4:00 pm

Cost:
$20

Event Category:
Glorious Recovery

laluna21.eventbrite.com

ORGANIZER

Glorious Recovery

Email:
info@gloriousrecovery.org

VENUE

La Luna Restaurante

168 North Main Street

Branford, CT United States
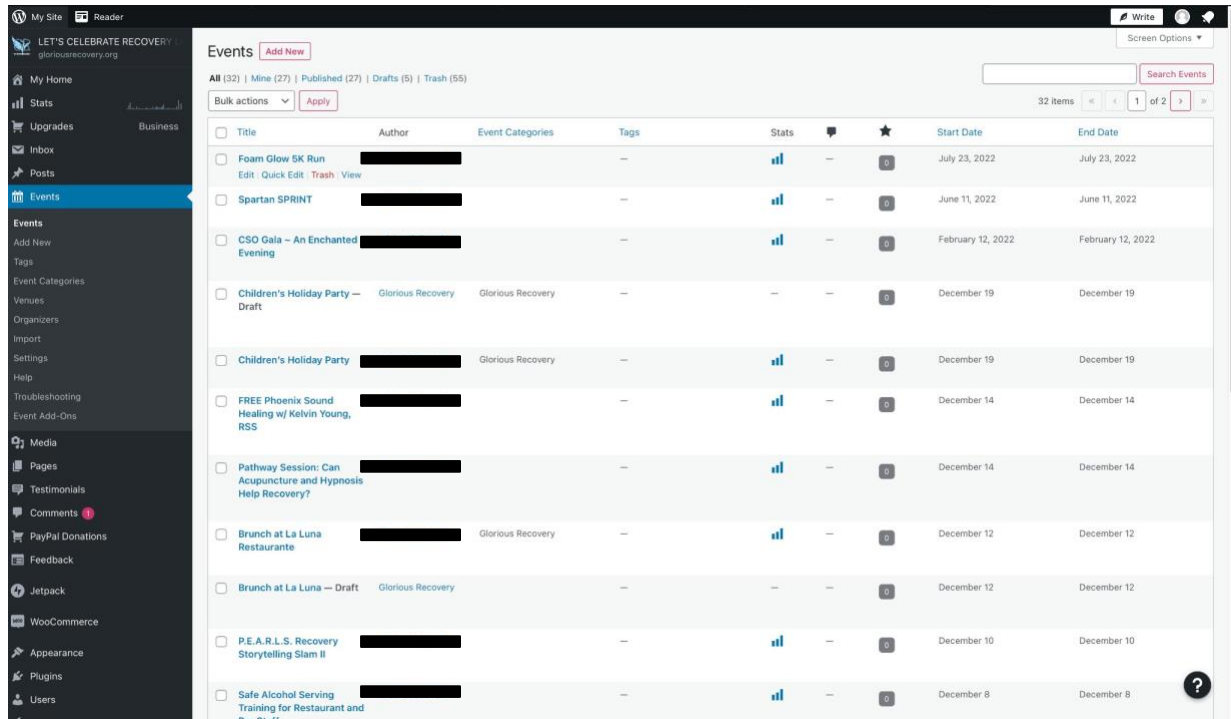
+ Google Map
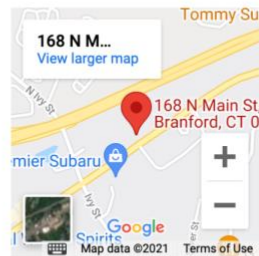
Admin:

How to edit and delete an event
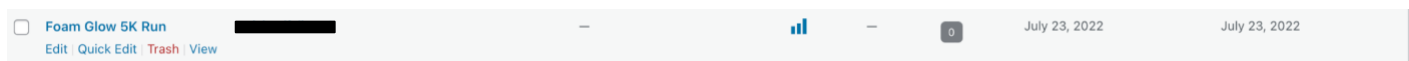
From the Admin Dashboard page, on the sidebar, select the 'events' tab and it will take you to see

all the events currently posted on your Wordpress site.

From there, hover over any event and there will be the option to 'Edit', 'Quick Edit', 'Trash', and

'View' the event.

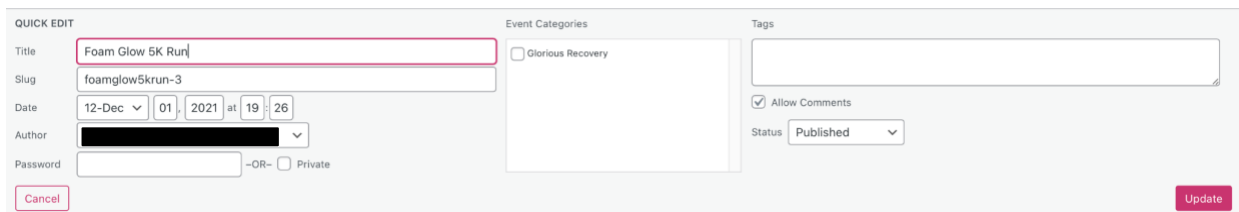**If you select 'Edit'** you will be able to see all of the information pertaining to the event and edit any

attributes of the event.
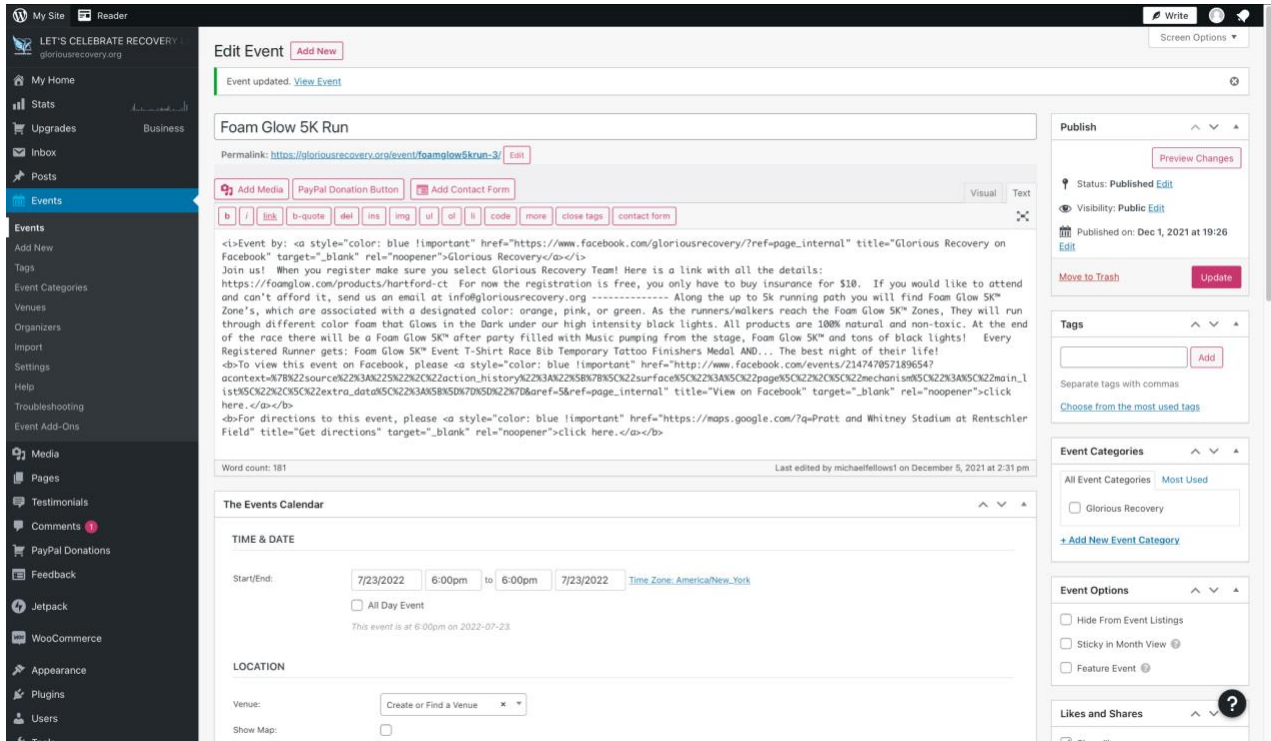
If you select 'Quick Edit' you will only be able to see basic information about the event, such as

title, author, dates, tags, and its status.

If you select 'Trash' the post you selected will be sent to the trash folder.