

User Manual for Glorious Recovery Web Scraper/Events Page

R&M Software Solutions

Using The Web Scraper (Admin only)

Install the necessary python libraries:

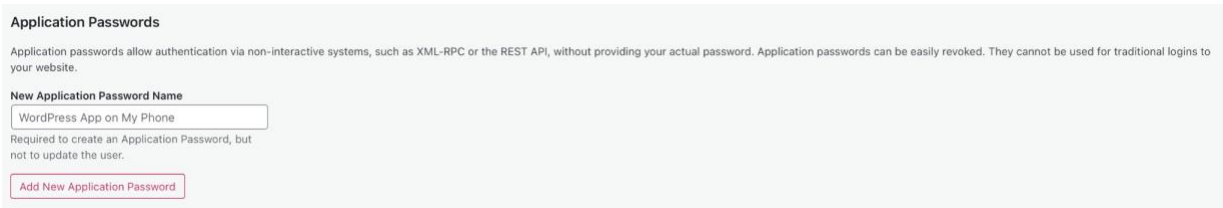
- If you don't already have python installed, go to <https://www.python.org/downloads/release/python-390/> and install the most current release for your machine.
- Open up your terminal (Mac/Unix systems) or command prompt (Windows systems) and run the following commands.
 - pip install datefinder
 - 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.



- 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.

Events Page

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.

Q FIND EVENTS List Month Day

How to view more details

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

SUN
12

■ **Featured** December 12 @ 2:00 pm - 4:00 pm

Brunch at La Luna Restaurante

La Luna Restaurante 168 North Main Street, Branford, CT

Event by: Glorious Recovery Come to La Luna Ristorante for an upscale yet comfortable brunch experience. Enjoy an upscale yet comfortable setting in suburban Branford Connecticut at La Luna Ristorante.... Continue reading

\$20



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.

Brunch at La Luna Restaurante

December 12 @ 2:00 pm - 4:00 pm \$20



Event by: [Glorious Recovery](#)

Come to La Luna Ristorante for an upscale yet comfortable brunch experience. Enjoy an upscale yet comfortable setting in suburban Branford Connecticut at La Luna Ristorante. A restaurant that represents a unique blend of authentic Tuscan cuisine and truly innovative culinary creations. Savor the culinary creations of Executive Chef Edgar Ortiz. La Luna has the best brunch on the shoreline, and have won multiple awards for their fine Italian cuisine. Kids under 7 – FREE (but please register them so have an accurate headcount) We will be doing White Elephant gift exchange (on us!) to add to the fun and also each adult will get a complimentary t-shirt! Glorious Recovery hosts events for people recovering from alcohol and drug addiction and we encourage family, kids and friends to participate in all the fun! If cost is prohibitive, please sent us an email at info@gloriousrecovery.org.

To purchase tickets for Brunch at La Luna Restaurante, please [click here](#).

To view this event on Facebook, please [click here](#).

For directions to this event, please [click here](#).

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

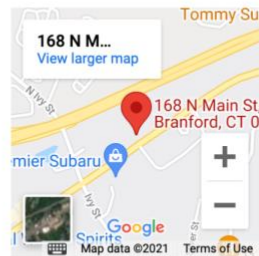
VENUE

La Luna Restaurante

168 North Main Street

Branford, CT United States

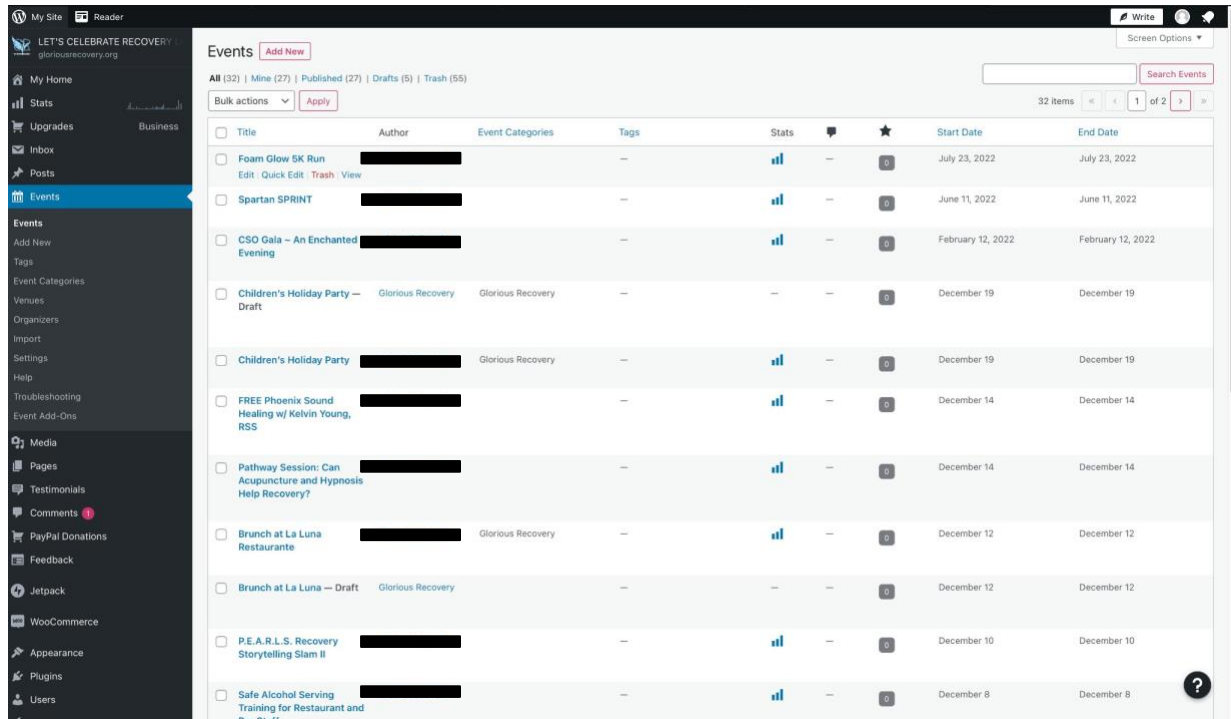
+ Google Map



Admin:

How to edit and delete an event

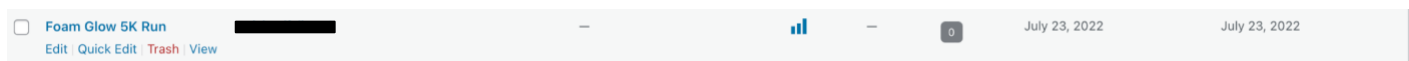
From the Admin Dashboard page, on the sidebar, select the 'events' tab and it will take you to see all the events currently posted on your Wordpress site.



The screenshot shows the WordPress Admin Dashboard for 'LET'S CELEBRATE RECOVERY' (gloriousrecovery.org). The 'Events' tab is selected in the sidebar. The main content area displays a list of events with columns for Title, Author, Event Categories, Tags, Stats, Start Date, and End Date. The events listed include 'Foam Glow 5K Run', 'Spartan SPRINT', 'CSO Gala - An Enchanted Evening', 'Children's Holiday Party - Draft', 'Children's Holiday Party', 'FREE Phoenix Sound Healing w/ Kelvin Young, RSS', 'Pathway Session: Can Acupuncture and Hypnosis Help Recovery?', 'Brunch at La Luna Restaurant', 'Brunch at La Luna - Draft', 'P.E.A.R.L.S. Recovery Storytelling Slam II', and 'Safe Alcohol Serving Training for Restaurant and Bar Staff'. Each event row has a checkbox on the left and a menu of actions (Edit, Quick Edit, Trash, View) on the right.

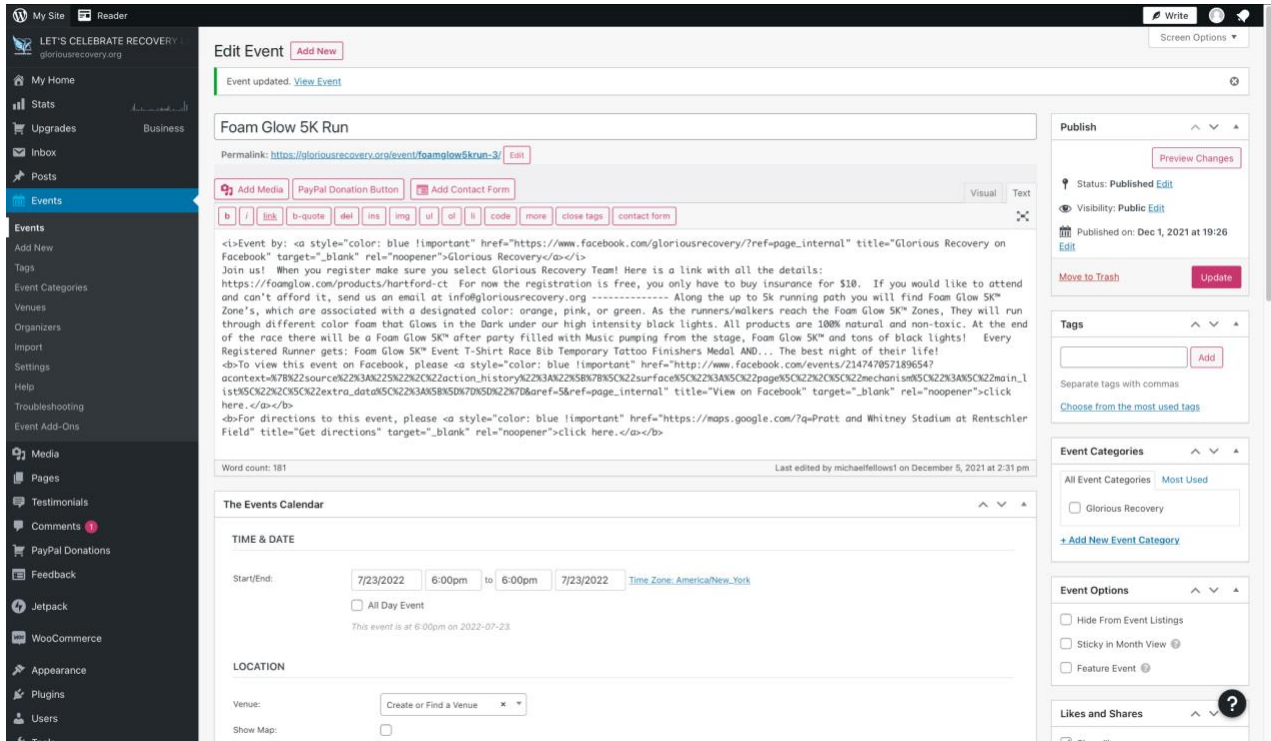
<input type="checkbox"/>	Title	Author	Event Categories	Tags	Stats		Start Date	End Date
<input type="checkbox"/>	Foam Glow 5K Run	[Redacted]			Bar chart	0	July 23, 2022	July 23, 2022
<input type="checkbox"/>	Spartan SPRINT	[Redacted]			Bar chart	0	June 11, 2022	June 11, 2022
<input type="checkbox"/>	CSO Gala - An Enchanted Evening	[Redacted]			Bar chart	0	February 12, 2022	February 12, 2022
<input type="checkbox"/>	Children's Holiday Party - Draft	Glorious Recovery	Glorious Recovery			0	December 19	December 19
<input type="checkbox"/>	Children's Holiday Party	[Redacted]	Glorious Recovery		Bar chart	0	December 19	December 19
<input type="checkbox"/>	FREE Phoenix Sound Healing w/ Kelvin Young, RSS	[Redacted]			Bar chart	0	December 14	December 14
<input type="checkbox"/>	Pathway Session: Can Acupuncture and Hypnosis Help Recovery?	[Redacted]			Bar chart	0	December 14	December 14
<input type="checkbox"/>	Brunch at La Luna Restaurant	[Redacted]	Glorious Recovery		Bar chart	0	December 12	December 12
<input type="checkbox"/>	Brunch at La Luna - Draft	Glorious Recovery				0	December 12	December 12
<input type="checkbox"/>	P.E.A.R.L.S. Recovery Storytelling Slam II	[Redacted]			Bar chart	0	December 10	December 10
<input type="checkbox"/>	Safe Alcohol Serving Training for Restaurant and Bar Staff	[Redacted]			Bar chart	0	December 8	December 8

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

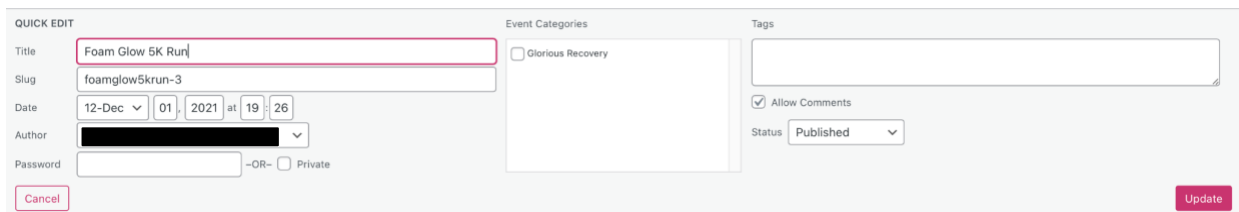


This image shows a close-up of the action menu for the 'Foam Glow 5K Run' event. The menu includes links for 'Edit', 'Quick Edit', 'Trash', and 'View'. The event details shown are: Title: Foam Glow 5K Run, Author: [Redacted], Stats: Bar chart, Start Date: July 23, 2022, End Date: July 23, 2022.

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.

