
routetility

Release 1.0

Lou King

Jan 08, 2020

CONTENTS:

- 1 Administrator's Guide** **1**
- 1.1 Adminstrator's Manual 1
- 1.1.1 Interest Admin 1
 - 1.1.1.1 Access the Admin Page 1
 - 1.1.1.2 Logging In 1
 - 1.1.1.3 Select Interest 2
 - 1.1.1.4 Edit Routes View 2
 - 1.1.1.5 Add Route 3
 - 1.1.1.6 Edit Route 4
- 1.1.2 Download GPX File 5
 - 1.1.2.1 MapMyRun 6
 - 1.1.2.2 Strava 6
 - 1.1.2.3 Garmin Connect 6
 - 1.1.2.4 RunningAHEAD 7
- 1.1.3 Super Admin 7
 - 1.1.3.1 Create a New User 7
- 1.2 Known Problems / Planned Enhancements 7

- 2 Definitions** **9**

- 3 Indices and tables** **11**

- Index** **13**

ADMINISTRATOR'S GUIDE

rouetility is the name for a database hosted by the Frederick Steeplechasers Running Club to manage routes for running, biking, hiking, etc. **rouetility** imports gpx files created by other tools (e.g., MapMyRun), and renders a user interface with a map and table for all the routes within an *interest*, individual route with map and elevation, directions to the starting point, and turn by turn directions.

This guide instructs a **rouetility** administrator on how to create and update routes in this database.

To become a **rouetility** administrator, you must have be configured into the system. If you get error messages or otherwise are having trouble logging in, please contact technology@steeplechasers.org for access.

1.1 Adminstrator's Manual

1.1.1 Interest Admin

An *interest admin* can create and edit *routes* for one or more *interests*, as set up by a *super admin*.

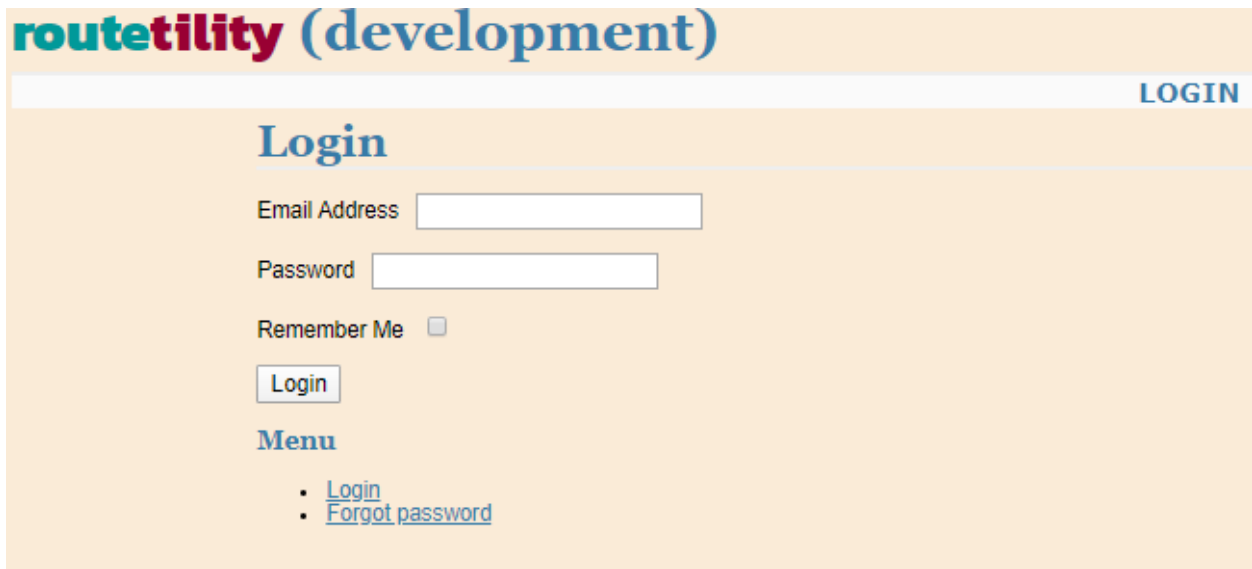
1.1.1.1 Access the Admin Page

Navigate to <https://routes.loutilities.com/admin> or navigate to <https://routes.loutilities.com>, then scroll down and click the **Admin** link near the bottom of the page.

1.1.1.2 Logging In

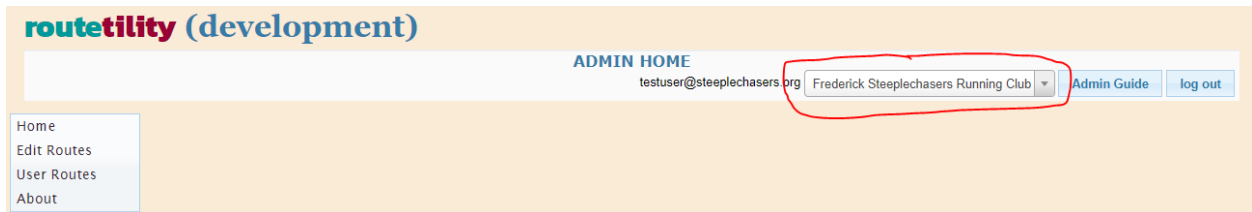
After your user is created, the *super admin* will send an email to you to reset your password. Follow the instructions to set your password.

When you are not logged in, you will see a page similar to what is shown below. Click the **Log In** button, then enter the email address you received the password reset email on. If you forgot your **rouetility** password, you can be sent an email to reset this.



1.1.1.3 Select Interest

After logging in, you'll see a fairly empty page with navigation on the left and a pull-down near the top. This pull-down can be used to select the *interest* you'll be working on. The last *interest* you choose will be automatically selected the next time you log in, but this may need to be selected the first time you use the system.



1.1.1.4 Edit Routes View

Click **Edit Routes** on the navigation to get to this view.

The Edit Routes view allows you to page through the available *routes*. A Search box allows the table to be filtered down to the rows which contain that text. For instance, if you'd like to search for *routes* with Baker Park in the name, just type in Baker Park in the search box.

Route Name	Description	Surface	Route URL	Gpx File	Start Location	Distance (miles)	Elev Gain (ft)	Active
<input type="checkbox"/> 16th/Schiff		road	http://www.mapmyrun.com/routes/view/1339614160	16th-Schiff.gpx	39.416900, -77.415030	6.3	211	active
<input type="checkbox"/> 2nd/Fairview/Market		road	http://www.mapmyrun.com/routes/view/1588457077	2nd-Fairview-Market.gpx	39.416900, -77.415090	3.3	129	active
<input type="checkbox"/> 3 Miles DTF to Fairgrounds		road	http://www.mapmyrun.com/routes/view/1955592242	3miles to fairgrounds.gpx	39.416870, -77.414610	3.1	92	active
<input type="checkbox"/> 3 Miles Frederick High		road	http://www.mapmyrun.com/routes/view/1964084228	3miles Fred High.gpx	39.416870, -77.415130	2.9	72	active
<input type="checkbox"/> 4 Miles DTF to Fairgrounds		road	http://www.mapmyrun.com/routes/view/1955595287	4miles to fairgrounds.gpx	39.416970, -77.414600	4.1	105	active
<input type="checkbox"/> 4 Miles Frederick High		road	www.mapmyrun.com/routes/view/1964088248	4mile Fred High.gpx	39.416880, -77.415130	4	100	active
<input type="checkbox"/> 5 Miles DTF to Monocacy Blvd		road	www.mapmyrun.com/routes/view/1663991009	5miles to monocacy.gpx	39.416910, -77.415210	5	125	active
<input type="checkbox"/> 5 Miles Frederick West		road	https://www.mapmyrun.com/routes/view/1663984586	5 Miles Fredwest.gpx	39.416960, -77.415120	5.1	125	active
<input type="checkbox"/> 6 Confusing and Unpopular but		road	https://www.mapmyrun.com/routes/view/2217714511	6confusing.gpx	39.416720, -77.415140	6	290	active

1.1.1.5 Add Route

Before adding a route, it seems reasonable to check to see that the route isn't already in the database. This can be done in the user interface (<https://routes.loutilities.com>). You should check routes of about that distance which start in the same location. Note you can sort the route table by distance by clicking on the arrow next to the miles heading.

To add a route, from the admin view, click the **New** button. You will see a Create form. In another window, bring up MapMyRun, Strava, Garmin Connect, RunningAHEAD or other application where you'll pull the route from. These instructions assume MapMyRun, but any application from which you can download a gpx file will work. For details on how to download a GPX file, see [Download GPX File](#).

Enter the fields as described, then click **Create** after Processing disappears from File button.

Route Name Name of the route, could be the same as what is used in MapMyRun. We suggest using mixed case, not all capitals, though.

Description Optional short description, e.g., where to meet. E.g., "Meet in front of Zi Pani".

Surface Choose road, trail or mixed.

Route URL Copy the URL to access the route from MapMyRun. This is for information only, but it's nice to know where the data came from.

Turns Copy / paste or type the turn by turn directions into this window. You'll need a carriage return between each turn. It's ok if the lines wrap after pasting or when typing. Pasting from an email may give extra carriage returns, but don't worry about this.

File Select the GPX file downloaded from MapMyRun. Note when you select the file, it takes a bit of time for it to upload and do some calculations/processing.

Start Location This defaults to the first point in the GPX file. This provides a destination for the driving directions for the user. You can change this to an address if you'd like, but please check that what you type will work in a google maps search. Probably best to leave this alone.

Distance (miles) This is calculated from the gpx file. You can change this if you'd like. E.g., if you see 19.9 or 20.1 you might want to change the field to 20.

Elev Gain (ft) This is calculated from the gpx file. This can be changed but again probably best to leave this alone.

Create new entry
✕

Route Name	<input style="width: 100%; height: 20px;" type="text"/> <small>name you want to call this route</small>
Description	<input style="width: 100%; height: 20px;" type="text"/> <small>optionally give details of where to meet here, e.g., name of the business</small>
Surface	<div style="border: 1px solid #ccc; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> road ▼ </div>
Route URL	<input style="width: 100%; height: 20px;" type="text"/> <small>URL from mapmyrun, strava, etc., where route was created</small>
Turns	<div style="border: 1px solid #ccc; padding: 5px; min-height: 40px;"> <small>enter or paste turn by turn directions, carriage return between each turn</small> </div>
Gpx File	<div style="text-align: center; margin-bottom: 5px;"> <input style="border: 1px solid #ccc; padding: 2px 10px;" type="button" value="Choose file..."/> </div> <small>No file use GPX file downloaded from mapmyrun, strava, etc.</small>
Start Location	<input style="width: 100%; height: 20px;" type="text"/> <small>start location from GPX file - you may override, e.g., with address. Please make sure this value is valid search location in Google maps</small>
Distance (miles)	<input style="width: 100%; height: 20px;" type="text"/> <small>calculated from GPX file - you may override</small>
Elev Gain (ft)	<input style="width: 100%; height: 20px;" type="text"/> <small>calculated from GPX file - you may override</small>

1.1.1.6 Edit Route

To edit a route, select the route you want to edit, then click **Edit**. When you are done with your edits click **Update**. If changing File click **Update** after Processing disappears from File button.

The Edit form has all the same fields as the Create form, and one additional field.

Active If you want to make the route so the user won't see it, change Active from "active" to "deleted". This is done this way so we can add it back later if we want.

Edit entry
✕

Route Name	<input from="" pani"="" route="" style="width: 90%;" type="text" value="Ballenger Creek " white"="" zi=""/> <small>name you want to call this route</small>
Description	<input style="width: 90%;" type="text"/> <small>optionally give details of where to meet here, e.g., name of the business</small>
Surface	<input style="width: 90%;" type="text" value="road"/>
Route URL	<input style="width: 90%;" type="text" value="http://www.mapmyrun.com/routes/view/1656"/> <small>URL from mapmyrun, strava, etc., where route was created</small>
Turns	<div style="border: 1px solid #ccc; padding: 5px; min-height: 40px;"> (0.15 mi) RIGHT onto Ballenger Creek Pike (1.9) LEFT onto Alan Linton Blvd E (2.4) LEFT onto English Muffin Way (2.8) LEFT onto New Design Rd (4.05) RIGHT at light onto Corporate Dr </div>
Gpx File	<input style="width: 100%;" type="button" value="Choose file..."/> Ballenger Creek "White" Route from Zi Pani.gpx <small>use GPX file downloaded from mapmyrun, strava, etc.</small>
Start Location	<input style="width: 90%;" type="text" value="39.393790, -77.439430"/> <small>start location from GPX file - you may override, e.g., with address. Please make sure this value is valid search location in Google maps</small>
Distance (miles)	<input style="width: 90%;" type="text" value="7.2"/> <small>calculated from GPX file - you may override</small>
Elev Gain (ft)	<input style="width: 90%;" type="text" value="115"/> <small>calculated from GPX file - you may override</small>
Active	<input style="width: 90%;" type="text" value="active"/> ▼ <small>when set to "deleted" will not show to users</small>

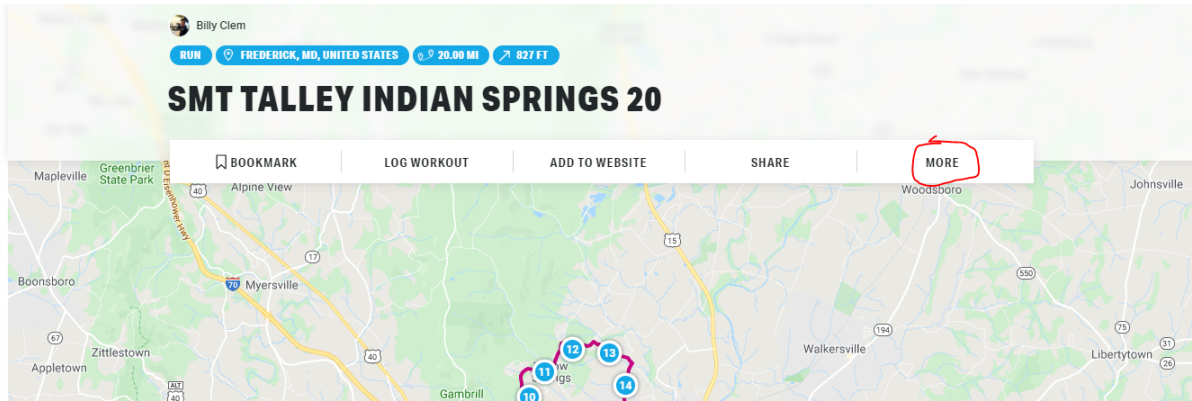
1.1.2 Download GPX File

This section shows how to download GPX file from various applications.

For all of these we suggest when you download the GPX file you name the file the same as the Route Name you chose.

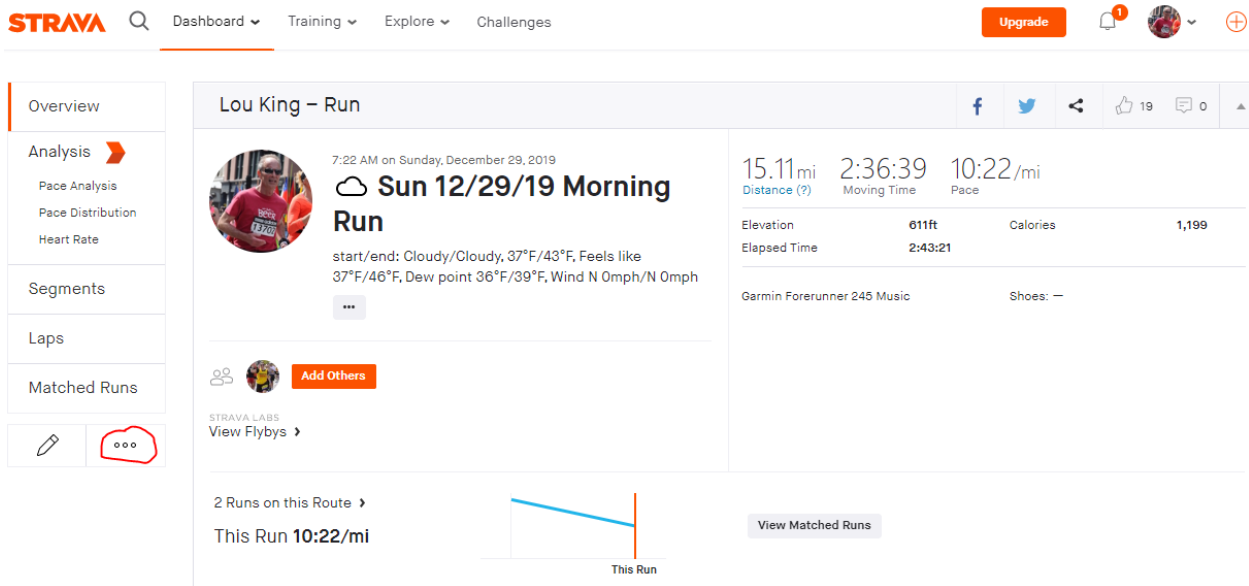
1.1.2.1 MapMyRun

Bring up the route you want to download. Click **MORE** on top of map. Click **DOWNLOAD GPX**. Name the file the same name as the route.



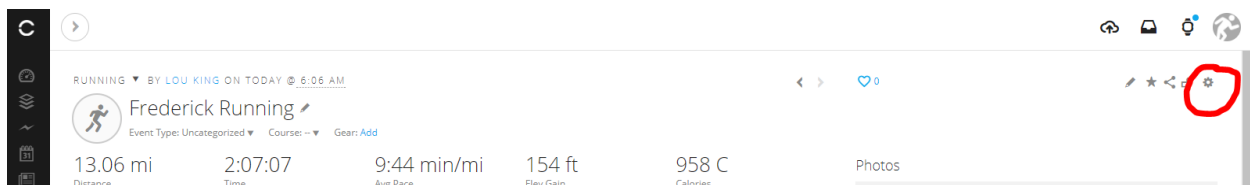
1.1.2.2 Strava

Bring up the activity you want to download. Click the **ellipses** link under Laps on the left. Click **Export GPX**. Name the file the same name as the route.



1.1.2.3 Garmin Connect

Bring up the activity you want to download. Click on the Settings **gear** button on the top right. Click **Export to GPX**. Name the file the same name as the route.



1.1.2.4 RunningAHEAD

Bring up the workout you want to download. Click the **hamburger / menu** button next to the run type. Click **Download GPX**. Name the file the same name as the route.

RunningAHEAD WillRunForBeer

Home Training Log Resources Community Race Calendar Options

New Run Entry New Equipment New Course Upload GPS Data New Message

Summary **Run: MdLon** Previous

Calendar **12/24/2017** **6:06 AM** **13.1 mi** **2:07:06.92** **9:44 mi**

Workouts Date Time Distance Duration Pace

Equipment **Equipment** Splits Graphs Map

Courses Saucony Triumph ISO 4 (59)

Personal Records **Health** Manual Laps

Reports Weight: 138.5 lb

Training Plans Avg HR: 146 bpm

Max HR: 195 bpm

Type	Distance	Duration	Elapsed Time	Pace	Avg HR	Max HR	Notes
1 Interval	1 mi	10:10.68	10:10.68	10:11	132	151	
2 Interval	1 mi	9:10.89	19:21.57	9:11	139	158	

1.1.3 Super Admin

A super admin can create users, create *interests*, assign user roles, *interests*, etc.

1.1.3.1 Create a New User

From User/Roles > Users, create new user

From /reset type in new user's email address, then click **Recover Password**

1.2 Known Problems / Planned Enhancements

See <https://github.com/louking/runningroutes/issues>

Contact technology@steeplechasers.org if any other problems are noticed, or if you'd like to see any enhancements.

DEFINITIONS

interest *routes* are grouped by “interest”. The interest can be a running club, etc. Users are allowed to see all “public” interests, and if logged into **routetility** may be allowed to see some “private” interests as well.

interest admin An interest admin can create and edit *routes* for one or more *interests*, as set up by a *super admin*.

route describes a path for running, biking, hiking, etc.

super admin A super admin can create users, create *interests*, assign user roles, *interests*, etc.

INDICES AND TABLES

- genindex
- search

INDEX

I

interest, 9
interest admin, 9

R

route, 9

S

super admin, 9