Learning Tapestry Library for Ruby

Overview

This library aides in obtaining data from the Learning Tapestry APIs. You must have an organization API key and secret in order to use the library. For organization setup or any questions, please contact support@learningtapestry.com.

Requirements

Ruby 1.9.3 or later

Usage

To use within an application:

If installed as a gem:

```
require 'learningtapestry'
```

or directly:

```
include './learningtapestry/lib/learning_tapestry.rb'
```

Initialization

Initialize a new agent class:

```
lt_agent = LearningTapestry::Agent.new
```

If present, the Learning Tapestry agent will use config.yml for configuration.

or initialize with parameters:

```
lt_agent = LearningTapestry::Agent.new(org_api_key: API_KEY, entity: 'page_visits'
```

```
, filters: filters, usernames: usernames)
```

Queries

Users

```
lt_agent = LearningTapestry::Agent.new
lt_agent.org_api_key = '[API_KEY]'
lt_agent.org_secret_key = '[SECRET]'
users = lt_agent.users
```

Site or Page Visits

To issue a query, follow the syntax below.

```
lt_agent = LearningTapestry::Agent.new
lt_agent.org_api_key = '[API_KEY]'
lt_agent.org_secret_key = '[SECRET]'
lt_agent.entity = 'site_visits' # or page_visits
lt_agent.usernames = [ 'joesmith@foo.com' ] # Array of usernames

response = lt_agent.obtain
puts response[:status]  # = HTTP status code, 200
puts response[:results] # = data from query
puts response[:entity] # = 'site_visits'
puts response[:date_range] # = date begin and end range of query, default 24 hours
```

Optionally:

```
lt_agent.type = 'detail' # will obtain a detail listing by date
```

Filters

Optionally, the following filters may be used:

```
lt_agent.add_filter :date_begin, '2014-10-01'
lt_agent.add_filter :date_end, '2014-10-31'
lt_agent.add_filter :site_domains, 'google.com'
lt_agent.add_filter :page_urls, 'http://mail.google.com'
```

Result Examples

Site Vists – Summary:

```
{:results=>
  [{:username=>"joesmith@foo.com",
    :site_visits=>
     [{:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :time_active=>"00:02:03"},
      {:site_name=>"Stack Overflow",
       :site_domain=>"stackoverflow.com",
       :time_active=>"23:36:24"},
      {:site_name=>"TechCrunch",
       :site_domain=>"techcrunch.com",
       :time_active=>"00:05:57"}]}],
 :entity=>"site_visits",
 :date_range=>
  {:date_begin=>"2014-10-01T00:00:00",
   :date_end=>"2014-10-31T23:59:59"},
 :status=>200}
```

Site Visits – Detail:

```
{:results=>
  [{:username=>"joesmith@foo.com",
    :site_visits=>
     [{:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :time_active=>"00:00:58",
       :date_visited=>"2014-10-12"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :time_active=>"00:01:05",
       :date_visited=>"2014-10-13"},
      {:site_name=>"Gizmodo",
       :site_domain=>"gizmodo.com",
       :time_active=>"00:00:50",
       :date_visited=>"2014-10-14"},
      {:site_name=>"Slashdot",
       :site_domain=>"slashdot.org",
       :time_active=>"00:00:05",
       :date_visited=>"2014-10-12"}}],
 :entity=>"site_visits",
 :date_range=>
  {:date_begin=>"2014-10-01T00:00:00",
   :date_end=>"2014-10-31T23:59:59"},
 :status=>200}
```

Page Visits – Summary:

```
{:results=>
  [{:username=>"bob@foo.com",
    :page_visits=>
     [{:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>"Ars Technica",
       :page_url=>"http://arstechnica.com/",
       :time_active=>"00:00:08"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>
        "Former NSA director had thousands personally invested in obscure tech firm
s | Ars Technica",
       :page_url=>
        "http://arstechnica.com/tech-policy/2014/10/former-nsa-director-had-thousan
ds-personally-invested-in-obscure-tech-firms/",
       :time_active=>"00:00:30"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>"Law & Disorder | Ars Technica",
       :page_url=>"http://arstechnica.com/tech-policy/",
       :time_active=>"00:00:07"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>"Ministry of Innovation | Ars Technica",
       :page_url=>"http://arstechnica.com/business/",
       :time_active=>"00:00:19"}]}],
 :entity=>"page_visits",
 :date_range=>
  {:date_begin=>"2014-10-11T00:00:00.000+00:00",
   :date_end=>"2014-10-17T23:59:59"},
 :status=>200}
```

Page Visits – Detail:

```
{:results=>
  [{:username=>"bob@foo.com",
    :page_visits=>
     [{:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>"Ars Technica",
       :page_url=>"http://arstechnica.com/",
       :time_active=>"00:00:03",
       :date_visited=>"2014-10-12T20:33:00.000Z"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>"Technology Lab | Ars Technica",
       :page_url=>"http://arstechnica.com/information-technology/",
       :time_active=>"00:00:18",
```

```
        :date_visited=>"2014-10-12T20:33:00.000Z"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>nil,
       :page_url=>
        "http://arstechnica.com/gadgets/2014/10/guitar-hero-ars-builds-the-loog-a-k
ickstarter-funded-mini-rocker-kit/",
       :time_active=>"00:00:23",
       :date_visited=>"2014-10-12T20:33:00.000Z"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>"Technology Lab | Ars Technica",
       :page_url=>"http://arstechnica.com/information-technology/",
       :time_active=>"00:00:02",
       :date_visited=>"2014-10-12T20:34:00.000Z"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>nil,
       :page_url=>
        "http://arstechnica.com/security/2014/10/snapchat-images-stolen-from-third-
party-web-app-using-hacked-api/",
       :time_active=>"00:00:09",
       :date_visited=>"2014-10-12T20:34:00.000Z"},
      {:site_name=>"Ars Technica",
       :site_domain=>"arstechnica.com",
       :page_name=>"Why throw early and catch late? | Ars Technica",
       :page_url=>
        "http://arstechnica.com/information-technology/2014/10/why-throw-early-and-
catch-late/",
       :time_active=>"00:01:14",
       :date_visited=>"2014-10-12T20:35:00.000Z"}]}],
 :entity=>"page_visits",
 :date_range=>
  {:date_begin=>"2014-10-11T00:00:00.000+00:00",
   :date_end=>"2014-10-17T23:59:59"},
 :status=>200}
```