



TeamDirt.org

Website Requirements

Version: 01

Date: 20.03.2017

Purpose:

Provide a written list of specifications that the new teamdirt.org website should adhere to. The new teamdirt.org website is broken into three distinct phases. Phase1, will be to implement a new static website with content that reflects the current teamdirt website. This will include new formatting and a modern design layout. Phase2, will be to retrofit this new website with dynamic behavior. This will include API integration to Facebook, TrailForks, and any other pertinent data source. Phase3, will include a DB to host membership status, contact information, and trail work history. In general, a tracked data warehouse for administrative details. In addition, a “admin” portal will be created, so that team-leadership will have privileged access to create/update/delete information.

Phase1 – Static Website:

The following is a set of requirements to meet Phase1.

SR001 Common Banner

Use a common banner across all linked pages. Banner to include more granular segregation of information.

SR002 Responsive Design

Use a responsive design, so that the site looks good on different platforms and screen sizes. The current plan is to use jQuery and Bootstrap.

SR003 Modern Typeset and Color Schema

Use a modern typeset and color schema. Color schema should be high contrast and easy on the eyes.

SR004 Sponsorship Column on Main Page.

Include a sponsorship column, segregated by donor amount (size of icon and position).

SR005 Placeholder for Facebook Events on Main Page.

Include a placeholder for Facebook Events.

SR006 Common Footer

Use a common footer across all linked pages. Footer to include links to social media and designer information.

- SR007 Use a scrolling Photo Banner on Main Page.**
Use a scrolling Photo Banner on the Main Page. Use simple javascript to poll from a fixed directory a limited set of formatted images. Photos will later be managed from the admin portal.
- SR008 Page for “Newbies”**
Create a page containing all relevant information for new riders to the area, and how to volunteer/join the group.
- SR009 Page for Bylaws**
Create a page containing all relevant information for bylaws.
- SR010 Page for Meeting Minutes**
Create a page containing all relevant information for teamdirt meeting minutes.
- SR011 Page for New/Ongoing Projects**
Create a page containing all relevant information for teamdirt trail building, pumptrack, etc. type projects.
- SR012 Page for Donations and Merchandise Purchases**
Create a page containing all relevant information for teamdirt donations and merchandise purchases (similar to DOD).

Phase2 – Dynamic Website:

The following is a set of requirements to meet Phase2.

- DR001 Facebook Event integration**
Use Facebook's Graph API, to poll Event information from the teamdirt facebook group. This should include all important information, including the cover photo. Data is stored on local DB, and a REST service is provided. Events are sorted in chronological order in future date format. Canceled events are also included. Clients use the REST service to poll all information and render.
- DR002 Facebook Group integration**
Use Facebook's Graph API or a widget (if one is found) to include relevant information from the teamdirt group, corvallis MTB group, Alsea Falls group, No Secret group, etc.
- DR003 Trailforks – Trail Maps integration**
Use PinkBike-Trailforks API for trail maps.

DR004 Trailforks – Trail Reports integration

Use PinkBike-Trailforks API to retrieve latest trail-reports, include in the trails section.

DR005 Trailforks – Trail Usage integration

Use PinkBike-Trailforks API to retrieve latest trail usage reports, include in overview page in the trails section.

DR005 Report Volunteer Worklog Page

This is dependent upon finishing the Administrative Database. Add a page for reporting worklogs to projects. In addition, add drill downs, so members can see their volunteer hours. Include a barchart showing hours committed to open projects.

Phase3 – Administrative Database:

The following is a set of requirements to meet Phase3.

AR001 Member/Rider Database

Create a DB schema to hold all IMBA-like related information about our membership. This will include information about membership relations, dates, expirations, contact information, preferences, etc. In addition, non-members may be included with a simple flag indicating non-membership, this may be used later on to track volunteer hours.

AR002 Trailwork/Volunteer Event Database

Create a DB schema to hold distinct trailwork/volunteer events.

AR003 Trailwork/Worklog Database

Create a DB schema to hold all member/non-member volunteer hours against events. This may also be used to track hours spent on administration.

AR004 Add LetsEncrypt certificates

Add scripts to manage free secure certificates for HTTPS (<https://letsencrypt.org/>).

AR005 Create a Admin Portal

Create a subdomain “admin.teamdirt.org”, with user authentication. Once authenticated, the user will have the ability to configure the banner images, modify membership status, and submit trailwork/worklogs.

AR006 Worklog import

Allow admins to import *.xlsx worklogs (this is a convenience function, which may be replaced by the typical input functions). This requires a fixed *.xlsx schema.