

Manual AthleticsManager
XML creator guidelines



2019v1



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Manual AthleticsManager XML Creator

Welcome to the "AthleticsManager XML Creator" user manual.

May we recommend you to gently browse through the entire manual first, just to have an initial idea of how the book is structured. As we can't possibly explain all details simultaneously, this might help you a bit in understanding and tracing things back. Of course, the table of contents will also help you in doing so.

Please note that all pictures are examples, the delivered version can be different than shown in this manual please inform yourself before purchase.

If you, after reading this document, have any further question regarding the operation or service of this or any other TimeTronics equipment, please contact your local distributor or TimeTronics directly, by email: info@timetronics.be, or call us at +32 (0) 14 23 19 11.

Please also contact us if you have any remarks or advice regarding this user manual: info@timetronics.be

Good luck and thank you for your confidence in the TimeTronics products and services.

The editors

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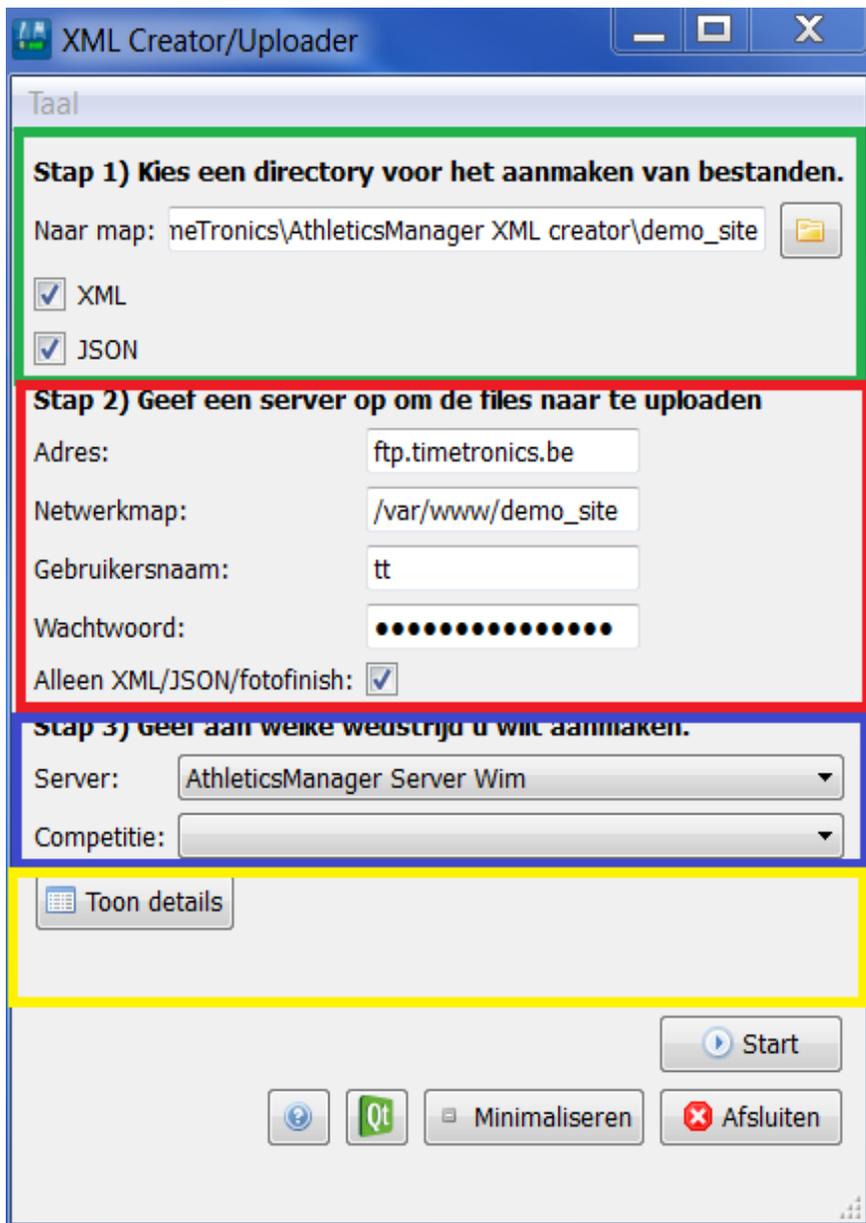
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1. What is XML Creator

XMLCreator allows you to export results to a webpage (online and offline) and display tv-screens or video walls. For online usage, the XMLCreator is able to connect via FTP to a domain.

2. How to use XML Creator



The interface exists of 4 parts. These parts are:

- Choose XML-directory (step 1)
- Setup FTP-connection (step 2)
- Choosing server and meet (step 3)
- A log to keep track on changes

2.1 Step 1: choose XML-directory



Step 1) Choose a directory for creating XML-files.
To directory: C:\AMXMLCreator

In step 1, you can choose a folder to place the XML-files in. The whole content of this folder will be uploaded if you set an FTP-server in step 2.

You can enable the output format you which to have: XML and/or JSON.

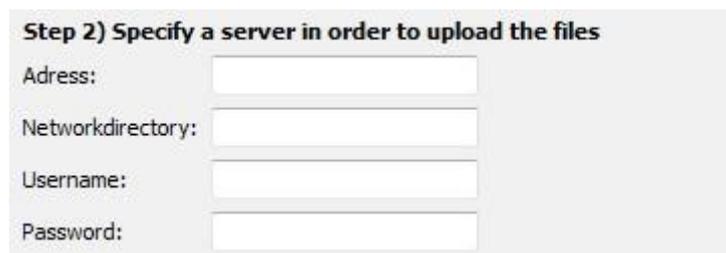
With the installation comes a demo-site. This site can be found in the installation folder of XMLCreator (e.g. C:\Program Files\TimeTronics\AthleticsManager XML creator\demo_site). The files and folders inside the demo_site folder are the base files for each website you want to make. If you want to create a new website, copy these files and folders to the folder of the new website and specify the new folder as the output folder for the XML and JSON files.

Note: The webpage menu.html requires that you enable JSON as output format.

The webpage menu_old.html requires only the xml output format.

TimeTronics advises to select both XML and JSON as output format to have the full abilities of each distributed webpage.

2.2 Step 2: setup FTP-connection



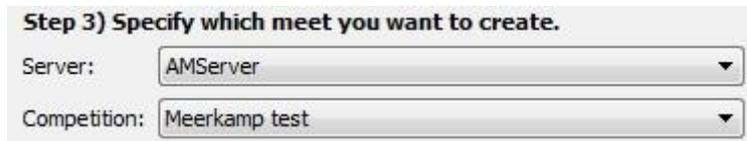
Step 2) Specify a server in order to upload the files
Address:
Networkdirectory:
Username:
Password:

Step 2 allows you to make an FTP-connection to a server of your choice. What is needed to make this connection:

- FTP-address (e.g. <ftp.yourserver.com>)
- Network-directory (directory where you want to put the XML-files, e.g. /var/www)
- Username (to log into the FTP-server)
- Password (to log into the FTP-server)

If the address isn't filled in, there will be no attempt to connect to a server and the files will only be created offline.

2.3 Step 3: choosing server and meet



Step 3) Specify which meet you want to create.

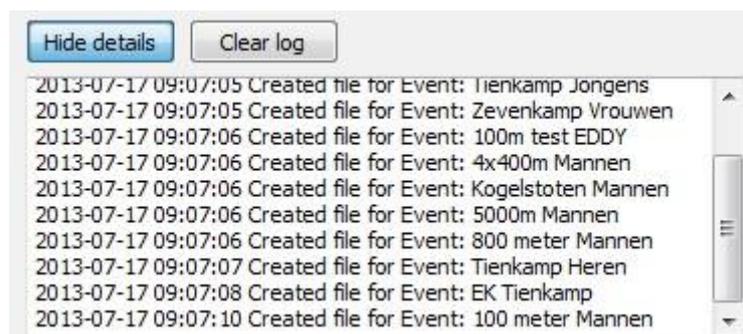
Server: AMServer

Competition: Meerkamp test

Step 3 is choosing the server and meet you want to work with. All AMServers that are present in the network will be displayed in the first dropdown list. The meets that are on that specific server are displayed in the second dropdown list.



All changes are displayed in the textbox and will be displayed as follows:



By clicking **Clear log**, the textbox will be cleared of all content.

When everything is completed, you can press the start button. XML creator will now make a connection with the database and retrieve all available information and create the selected output format files in the selected folder.

3. Base files

As mentioned earlier, XML creator comes with predefined files for generating a website or displaying results on a TV-screen or video wall.

It contains the folders

- Css (contains all stylesheets for the layout, text format, size, colours, ... of the website)
- Images (contains some default banners, headers, logo's, ...)
- Inc (contains javascript and JQuery files for processing the results)
- Js (contains Angular JS files for processing the results)

It contains the files

- menu.html (startup page of the website)
- menu_old.html (startup page of the (old) website)
- tvscreen.html (controller page of (official) results for TV-screen or video wall)
- tvscreen_live.html (controller page of live results for TV-screen or video wall)
- scoreboard_controller.html (controller page for (official) and live results for TV-screen or video wall. This does the same as the 2 previous files but needs JSON output format)

All other html files are used by one of the above controller pages.

Remarks:

- Use the webbrowser FireFox to display the webpages locally. The webpages are designed to open a local file and process this to display the data. FireFox does not have extra security settings that will block the opening of the local file.
- A 2nd option would be to use the webbrowser Chrome. You have to install the extension "Web browser for Chrome" that you can find on <https://chrome.google.com/webstore/detail/web-server-for-chrome/ofhbbkphhbklhfoeikjpcbhemoicgigb?hl=en>.
- After installing the extension, choose a folder that will be used as the base folder for the web server, e.g. c:\Program Files\TimeTronics\AthleticsManager XML creator\.
- Now open the browser and go to <http://127.0.0.1:8887> and click on the webpage you would like to see e.g. demo_site/menu.html

You are free to modify the website to your wishes, but it is important that you have knowledge of HTML, CSS and Javascript to do this. Otherwise you might end up with a broken website.

4. Video output control

When you want to output participants or results to a video output (TV-screen or videowall) there are 3 HTML controller-pages you can use: tvscreen.html, tvscreen_live.html and scoreboard_controller.html. As described before you should open the pages in FireFox or in Google Chrome with the webbrowser extension in the local folder (path in step 1).

You can choose to use scoreboard_controller.html as this is a one page fits all but you have to check the creation of JSON files.

This page is split up in 2 sections. On the left side this will display all processed events, participants, results, ... retrieved from AthleticsManager Server. The user needs to manually select which data he wants to display. By hovering over the link a preview of the data can be seen. By clicking on a link, a new tab will be opened.

If your computer contains 2 video cards, you can e.g. connect a TV-screen to the 2nd video card. In the Windows control panel, you can identify both screens and drag the new tab to the 2nd (TV) screen.

If the operator clicks another link in the control panel, now these results will be displayed on the TV-screen.

On the right side this will display a control window for all live data. This data is displayed automatically without the need for an operator after clicking start of update. It is the MacFinish or Track and Field operator who is sending the results from the camera or tablet to AM Server and to the TV-screen.

You can enable track events or field events.

For the track events, when the MacFinish operator hits the F4 button before a race, he can import participants from AthleticsManager Server. This import is picked up by the XML creator and displayed on the screen. When the race is done, the MacFinish operator will send results to AM Server. Next they will be automatically displayed on the TV-screen.

For the field events, only the results will be visible on the TV-screen when a field tablet operator has entered a new result.

A nice to know is that you can also send data to a TV-screen by using a Google Chromecast. This is a small device which you connect to your wireless network and to the HDMI connection of your TV-screen.

The XML creator computer also needs to be connected to a wireless network. If you have setup the cast correctly and opened the HTML pages in the webbrowser Chrome, you can cast the data wireless to the TV-screen.

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