

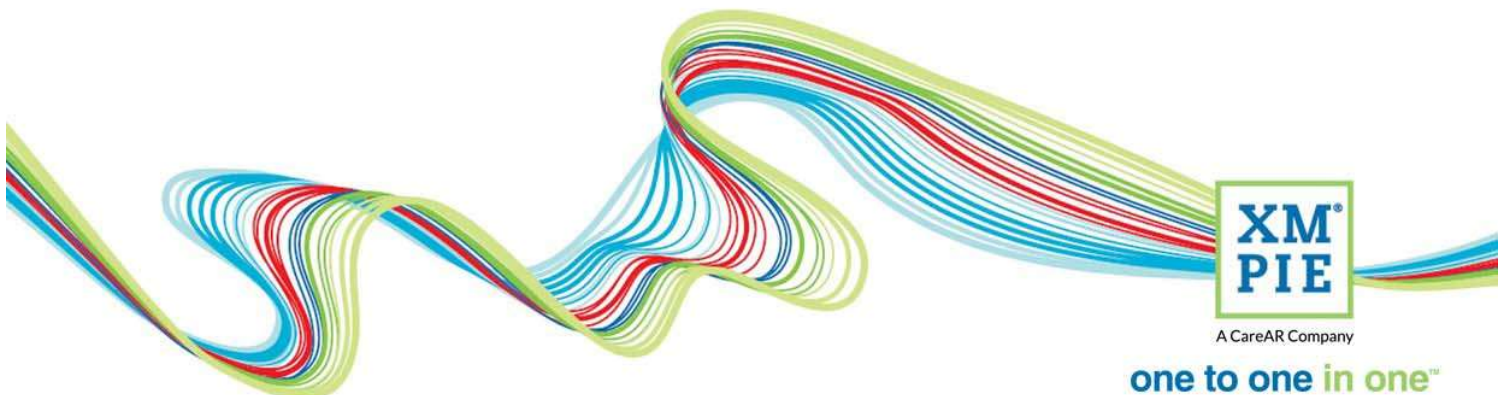
XMPie PE Training Series

Transcript for: XMPL V5 Syntax Converter

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Software version: v12

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Notices

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U.S. Patents 6948115, 7406194, 7548338, 7757169 and pending patents.

JP Patent 4406364B and pending patents.

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Voice over script

Hi. Welcome to XMPie PersonalEffect Cross Media.

XMPie has announced a new version of the XMPL language that is used to add personalized content to web pages.

The main reason for creating XMPL version 5 was to allow you to work with any version of any JavaScript library that you like – Angular, React, JQuery or others.

XMPL V5 is now 100% native JavaScript, so you can add additional functionality to your personalized web pages without any conflict.

You can find all the documentation on the new XMPL V5 here in GitHub.

In addition to the documentation, you can also find this Syntax Converter tool that will help you to convert any existing XMPL web pages to the new XMPL V5 format.

In order to use the Syntax Converter, you will need to have NodeJS installed on your desktop. Version 12 and later are supported. I am using Node version 16.3.

After downloading the Syntax Converter, unzip the folder.

Open a command prompt or terminal window and change directory into the SyntaxConverter folder.

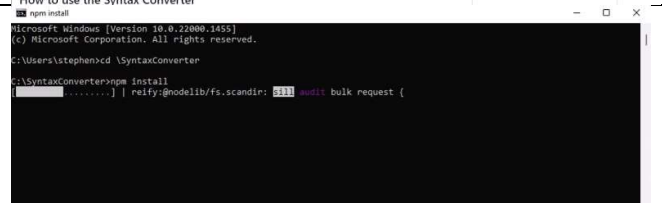
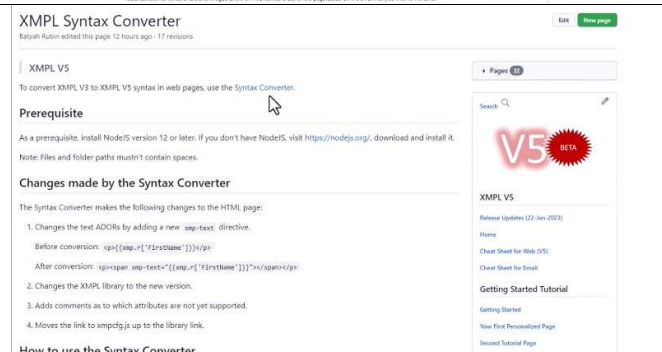
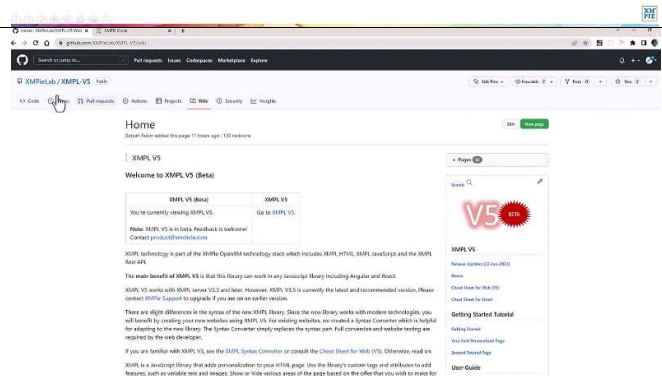
To start you need to install the required libraries by running “npm install”. It will take only a couple of seconds.

Thumbnail

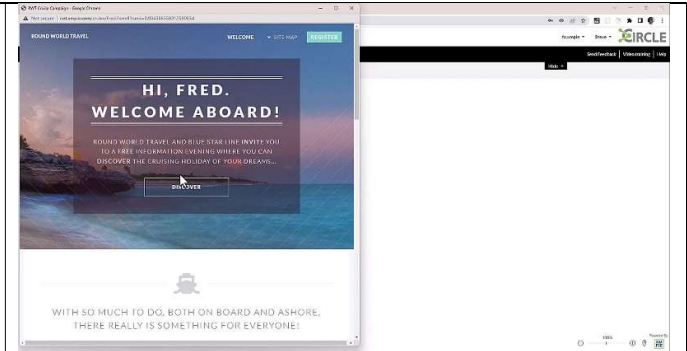


Why XMPL V5?

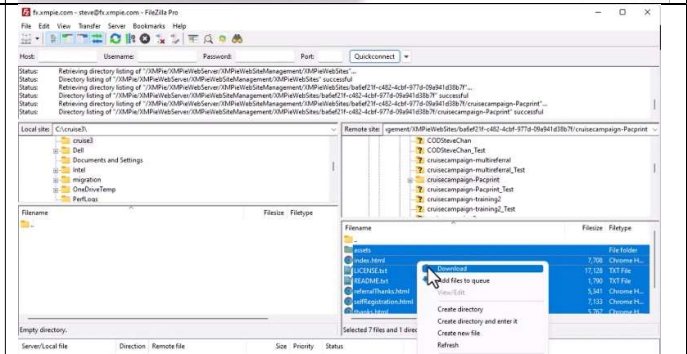
- Work with any JavaScript library
- Now native JavaScript
- No conflict with any JavaScript library you want to use



Here is my project in Circle. The web pages are currently using the old XMPL code and everything is working OK.

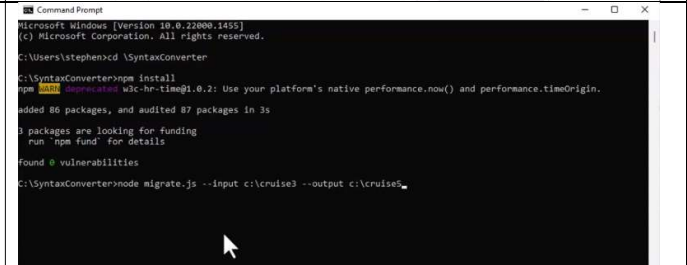


I will use my FTP client to download the current XMPL 3 website. I'll create a new directory for the files here on my C: drive. I'm in the right project folder, and select all and download.



Back in the command window, you run the syntax converter from the command line using “node convert.js” and then specify parameters for the input folder and output folder.

The files in the input folder are not changed, so you always have them as a backup.

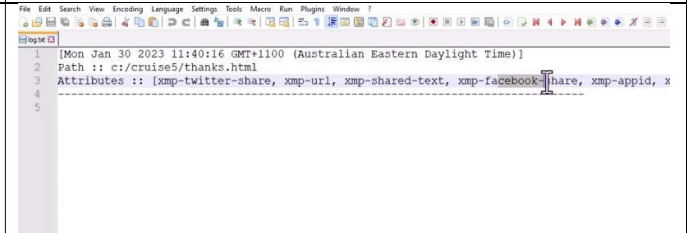


The files in the input folder are not changed, so you always have them as a backup.

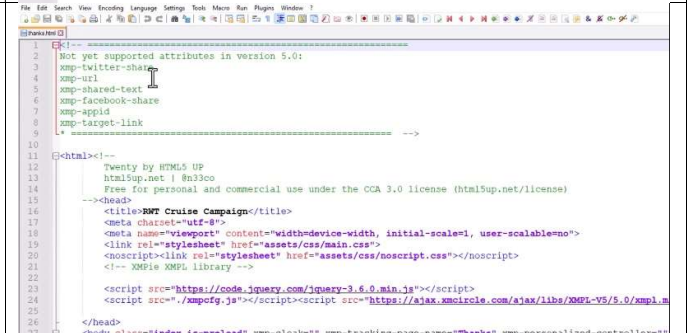
If the output folder does not exist, the syntax converter will create it for you automatically.

If the syntax converter cannot update an XMLPL attribute, it will list the page and the attributes that were removed, but not re-created.

In my sample website, the thanks.html page has the XMPL Facebook and Twitter share buttons, and these are not yet supported in XMPL V5.



If I open the updated thanks.html page, at the top you will see comments about the XMPL tags that were removed, and down inline where they were removed, you will also see a comment added.



Let's see exactly what the Syntax Converter has changed by using Beyond Compare.

The original files are on the left, and the new ones on the right. Let's take a closer look in the index.html file.

It has removed the old XMPL CSS and old JavaScript library and replaced them with the new XMPL V5 library.

It has also changed the sequence here. It loads the Circle configuration file first before the script. This is an important point to note if you are doing this manually.

Notice that it has not removed the JQuery line. This is good because my page is also using some JQuery scripts down at the bottom.

On the body tag, it has removed the Angular App and controller attributes and added new parameters for XMPL V5.

Now, in the content of the page, where the old XMPL code had the firstName content object, the syntax converter has changed it to the new format which uses a span tag.

The same thing has happened for the marketing message.

The graphic content object is the same, but it has swapped the single and double quotes around. Not a critical change.

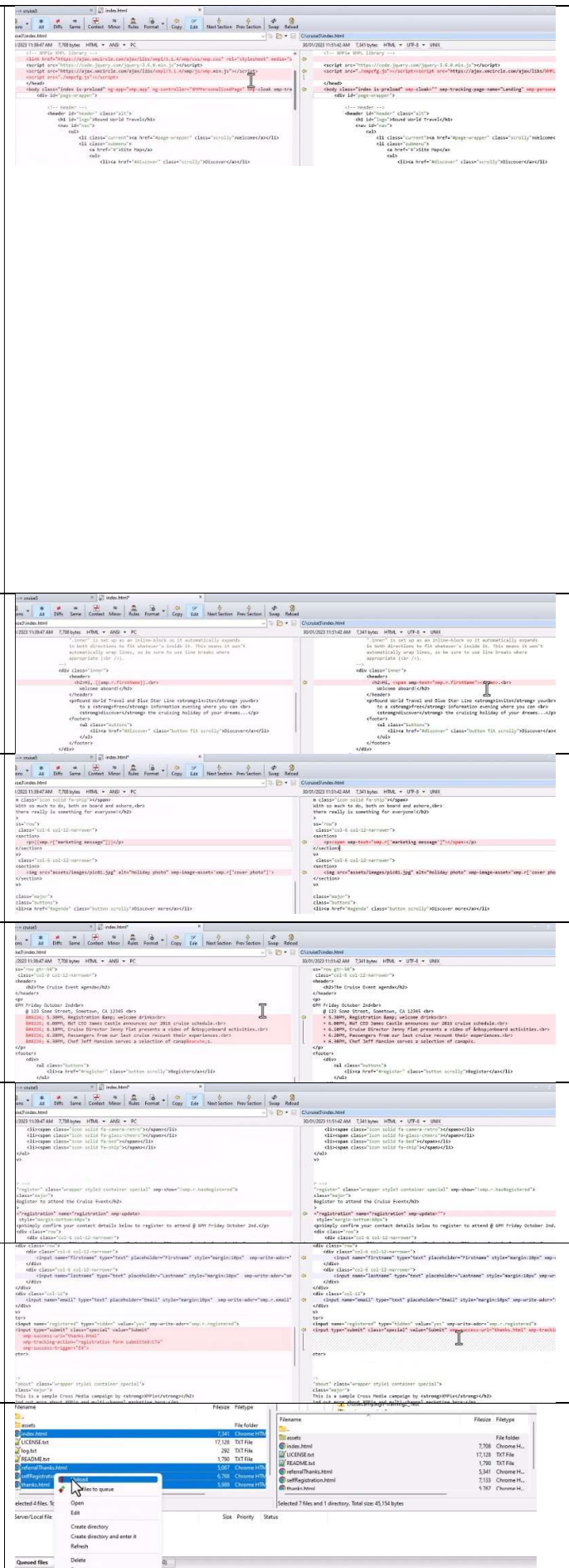
It's changed from HTML encoding the bullets to using Unicode. You can see the encoding of the text file has also been changed from ANSI to Unicode or UTF-8.

On the form, it's added a value to the parameter for completeness.

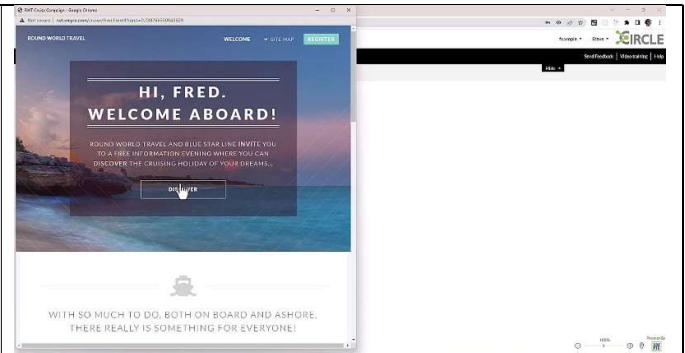
And simply removed the line feeds in between the parameters on the submit button as it checked the parameters and values.

Again, removed a line feed which is not critical.

So, I can return to my FTP client, and swap to the cruise5 folder – after refreshing the list – and upload the new HTML files to the server. Yes, I want to overwrite.



Back in Circle, I can now preview the page again and everything is working with XMPL V5.



The only items that are not there are the social media shares that were on the thanks page, right about here.

