

Hall Reply Declaration Exhibit C

C06-1905-JSW

From: Bouwens - Mehl [bouwens.mehl@bluewin.ch]
Sent: Saturday, October 28, 2006 11:19 AM
To: Matt Katzer
Subject: Re: template verification tool question

Hi,

- 1.) We read the JMRI format using a file reader into a data file xml reader
- 2.) We search the JMRI data file and remove duplicate <tags> (verification) I do not remove or touch the jmri templates in a way to modify them.
- 3.) We search the JMRI data file and removed bad <tags> (verification) I parse the template for know tags and map them into our format.
An assignment is verified, this means that a cv can only be defined once.
If a bit value of a cv already contains valid data, then i assume a wrong entry and do not allow to map it a second time.
This was doen because there wehre quite a lot of duplicate cv definitions.
Making life harder, a lot of the entries where incomplete.
Especially the speedcurves where difficult to catch.
- 4.) We search the JMRI data file and removed all unknown <tags> I do not touch the jmri template.
- 5.) We translated the JMRI data to our <tag> format we map it as would call this step.
- 6.) We verified the new datafile as proper XML <tag> using an XML data reader datafile is wrong it is an element.
- 7.) We wrote the data to a our format using an XML writer Yes.

Robert

From: Bouwens / Mehl [mailto:bouwens.mehl@bluewin.ch]
Sent: Sat 10/28/2006 10:48 AM
To: Matt Katzer
Subject: Re: template verification tool question

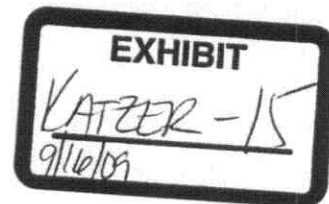
Hi,

I also use declarative programming and define the structures I use.
This is done for the index elements.

I haven't looked for comment elements.

It also includes a verification process.
Older templates did have tons of errors like duplicate definition of bits within a single cv.

It is interesting to note, that after the introduction of the template verifier the bugs within the jmri templates dissapeared...



Regards
Robert

----- Original Message -----

From: "Matt Katzer" <mkatzer@kamind.com>
To: "Bouwens / Mehl" <bouwens.mehl@bluewin.ch>
Sent: Saturday, October 28, 2006 7:34 PM
Subject: template verification tool question

robert.

simplying the conversion process is the following is true

I can find this out myself, but I wanted to ask you so we are on the same page.

- 1.) We read the JMRI format using a file reader
- 2.) We search the JMRI data and look for matching XML <tags> that mean the same things as our tags
- 3.) We grab the JMRI data and place it into our format
- 4.) We write the data to our template format using an XML writer

Open issue:

- Does the Microsoft XML writer have the concept of comments?
- did we use a file reader or an xml reader to read the jmri templates