

# Jacobsen Declaration Exhibit R

Date: Mon, 15 Aug 2005 23:26:19 +0200  
From: Bouwens / Mehl <bouwens.mehl@bluewin.ch>  
Subject: Re: [WG] CV XML reporting standard  
Sender: dcc-wg-tech@yahoogroups.com  
To: dcc-wg-tech@yahoogroups.com  
Reply-to: dcc-wg-tech@yahoogroups.com  
Delivered-to: mailing list dcc-wg-tech@yahoogroups.com  
Comment: DomainKeys? See <http://antispam.yahoo.com/domainkeys>  
Mailing-List: list dcc-wg-tech@yahoogroups.com; contact  
dcc-wg-tech-owner@yahoogroups.com

Hi,

Stefan Borman mentioned that Matt Katzer has a 'wrong' way of understanding what open source means.

When you look at the jmri defs for the gold decoder then you see my personal view of open source ;-)

<variables>

```
<variable label="Primary Address (1-127)" CV="1"
  item="Short Address" default="03"
  comment="Range 1-127">
  <shortAddressVal/>
</variable>
```

```
<variable label="Start Volts (0-255)" CV="2"
  item="Vstart" default="0"
  comment="Range 0-255">
  <decVal min="0" max="255"/>
</variable>
```

The definition for the primary address misses the min and max attribut.  
This is not what i expect from a template. Even the dtd part misses incomplete  
template defs.  
This template is a pain because it misses the defs you find in the zimo template:

```
<variable label="Speed Table" CV="67">
  <speedTableVal>
    <speedTableEntry step="1" value="4"/>
    <speedTableEntry step="2" value="7"/>
    <speedTableEntry step="3" value="10"/>
    <speedTableEntry step="4" value="13"/>
    <speedTableEntry step="5" value="16"/>
    <speedTableEntry step="6" value="20"/>
    <speedTableEntry step="7" value="24"/>
    <speedTableEntry step="8" value="28"/>
    <speedTableEntry step="9" value="32"/>
    <speedTableEntry step="10" value="36"/>
    <speedTableEntry step="11" value="42"/>
    <speedTableEntry step="12" value="48"/>
    <speedTableEntry step="13" value="54"/>
    <speedTableEntry step="14" value="60"/>
    <speedTableEntry step="15" value="68"/>
    <speedTableEntry step="16" value="76"/>
```

```
<speedTableEntry step="17" value="84"/>
<speedTableEntry step="18" value="92"/>
<speedTableEntry step="19" value="102"/>
<speedTableEntry step="20" value="112"/>
<speedTableEntry step="21" value="124"/>
<speedTableEntry step="22" value="136"/>
<speedTableEntry step="23" value="152"/>
<speedTableEntry step="24" value="168"/>
<speedTableEntry step="25" value="188"/>
<speedTableEntry step="26" value="208"/>
<speedTableEntry step="27" value="230"/>
<speedTableEntry step="28" value="252"/>
</speedTableVal>
</variable>
```

This is missing in the Lenz Gold decoder template - but you will find:

```
<variable label="Speed Table" CV="67">
  <speedTableVal/>
</variable>
```

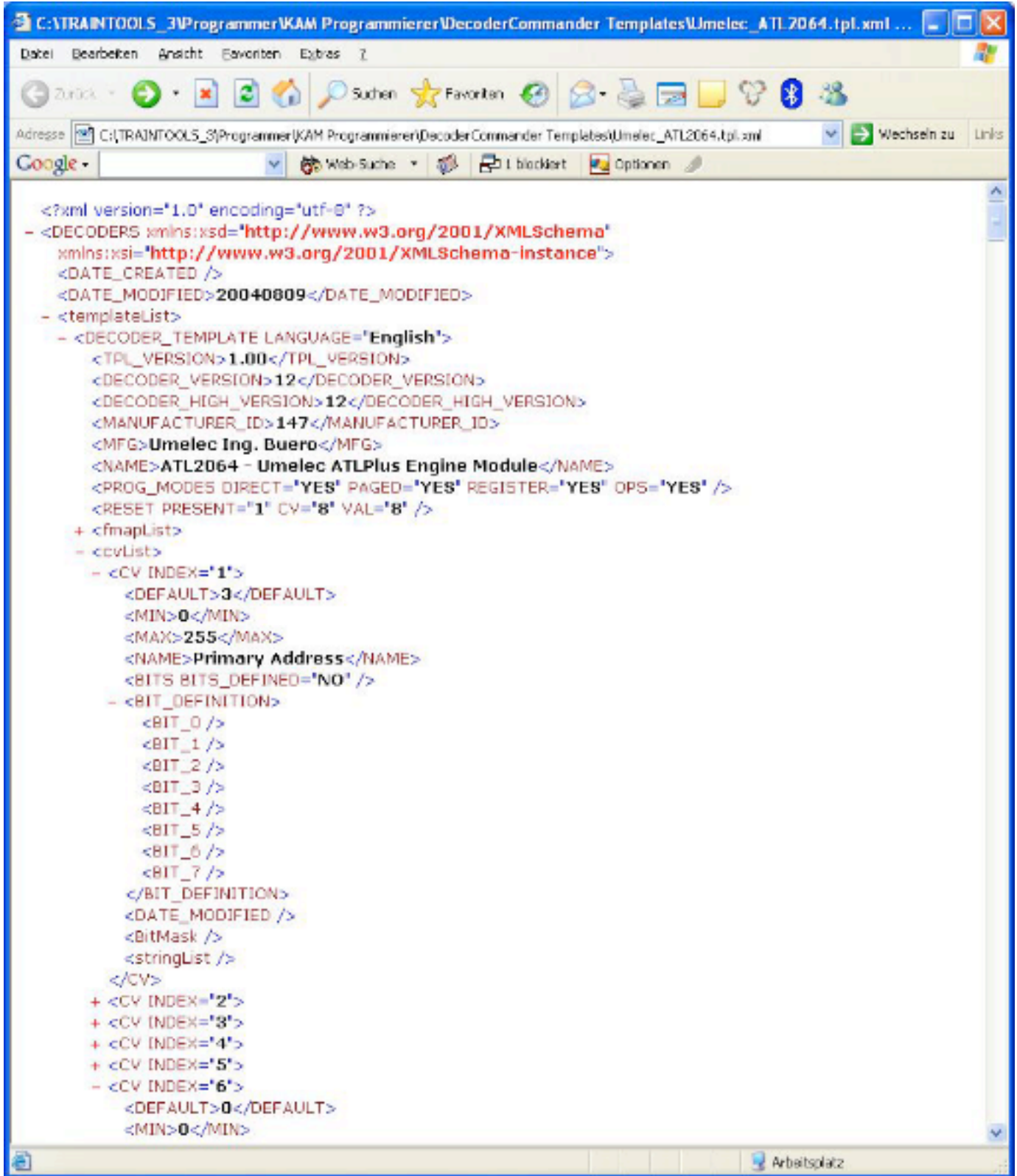
Depending on the person who creates the template - the final results may vary.

it is an approach - but the defs are too lazy to mes.

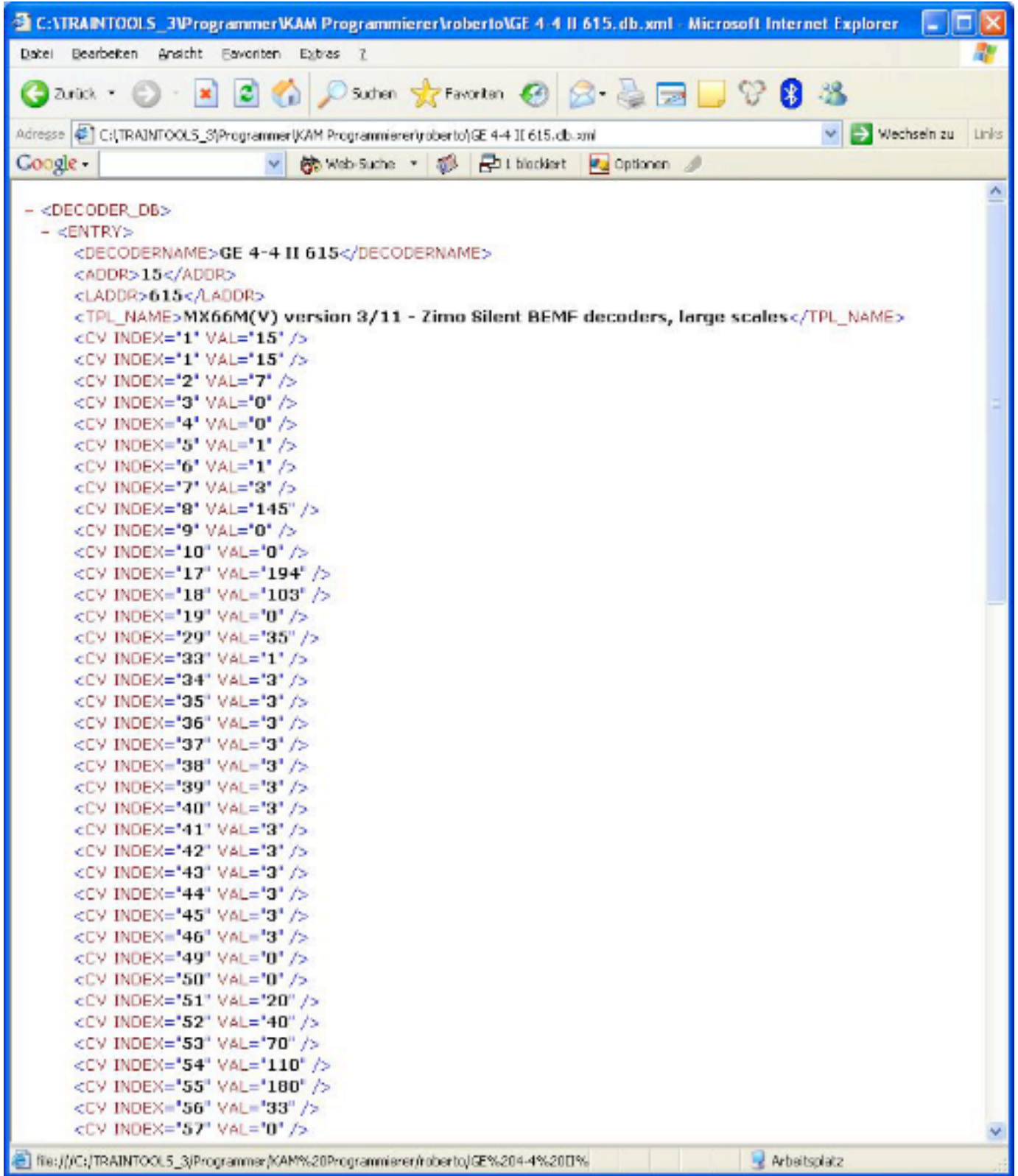
And as Dick already mentioned, the display information should not be part of the decoder template.

This is a manufacturer specific option dealing with the display options.

There are other possibilities:



and saving a specific decoder:



I've written a converter to make jmri templates a bit more strict.  
The panel info will also be stripped.  
But it need additional work to complete the resulting template...

Robert

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

From: "Bob Jacobsen" <[Bob\\_Jacobsen@lbl.gov](mailto:Bob_Jacobsen@lbl.gov)>  
To: <[dcc-wg-tech@yahoogroups.com](mailto:dcc-wg-tech@yahoogroups.com)>  
Sent: Monday, August 15, 2005 5:49 PM  
Subject: Re: [WG] CV XML reporting standard

> >Bob, any DTD? I found a prose explanation about how to modify  
>>a JMRI file. No example.  
>  
> (The prose explanation mentioned above can be found at:  
> <<http://jmri.sourceforge.net/apps/DecoderPro/CreateDecoder.html>>  
> That's probably the best place to start if you'd like to know about  
> how JMRI stores it's decoder information, but it's not really  
> intended as a standards document. There aren't examples linked from  
> that page because it's assumed you've got a copy of JMRI on your  
> computer and can just look at the files)  
>  
> The current JMRI DTD is always available at:  
>  
> <<http://jmri.sourceforge.net/xml/DTD/decoder-config.dtd>>  
>  
> That's the actual file; a slightly more presentable version is in the  
> CVS-viewer at:  
>  
> <<http://cvs.sourceforge.net/viewcvs.py/jmri/xml/DTD/decoder-config.dtd?view=markup>>  
>  
> Note that it's been evolving, and continues to evolve, pretty  
> quickly. You can see some of the history at:  
>  
>  
> <<http://cvs.sourceforge.net/viewcvs.py/jmri/xml/DTD/decoder-config.dtd?rev=1.41&view=log>>  
>  
> Some examples of typical decoder-description files:  
>  
> NMRA registers, a pretty simple file  
>  
> <[http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/0NMRA\\_registers.xml?view=markup](http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/0NMRA_registers.xml?view=markup)>  
>  
> The complete NMRA CVs, resulting in a file of medium complexity:  
> <<http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/0NMRA.xml?view=markup>>  
>  
> Lenz Gold, a decoder that goes beyond the NMRA S&RPs:  
> <[http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/Lenz\\_Gold.xml?view=markup](http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/Lenz_Gold.xml?view=markup)>  
>  
> QSI articulated steam, a decoder that needs indexed access:  
>  
> <[http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/QSI\\_Articulated\\_Steam\\_ver6.xml?view=markup](http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/QSI_Articulated_Steam_ver6.xml?view=markup)>  
>  
> An accessory decoder:  
>  
> <[http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/CVProducts\\_AD4.xml?view=markup](http://cvs.sourceforge.net/viewcvs.py/jmri/xml/decoders/CVProducts_AD4.xml?view=markup)>  
>  
>  
> So far, two companies (that I know of) are using JMRI-derived

> information in their products, and another four have said they'll be  
> doing it in the future. The terms for use of the info are discussed  
> here  
> <<http://jmri.sourceforge.net/Copyright.html#license>>  
> along with pointers to the formal license, background info, etc.  
>  
> Bob  
> --  
> [Bob\\_Jacobsen@lbl.gov](mailto:Bob_Jacobsen@lbl.gov) +1-510-486-7355 fax +1-510-643-8497 AIM, Skype JacobsenRG  
>  
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