Jacobsen Declaration
Exhibit R
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"/>
    </speedTableVal>
</variable>
This is missing in the Lenz Gold decoder template - but you will find:

```xml
<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> 
To: <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: 
> 
> 
> Note that it's been evolving, and continues to evolve, pretty 
> quickly. You can see some of the history at: 
> 
> 
> 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> 
> 
> 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&Rs: 
> 
> QSI articulated steam, a decoder that needs indexed access: 
> 
> 
> An accessory decoder: 
> 
> 
> 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.
> >
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