
Subject: Re: roles

Posted by [Andreas Tanner](#) on Fri, 09 Nov 2012 10:05:19 GMT

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Dear all,

this issue has moderate urgency. Currently, we use a set of proprietary attributes and in fact, these are even customer-specific since the roles and their understanding vary between different railway companies.

The contact data is not the main concern, rather the possibility to define the legal values that a role can take (the "existing" caterers etc.), without additional schemas. But once we have a container, we could as well provide full features, and the idea of using an external existing scheme for contact data looks great.

I would not object postponing this issue for the next major release.

Best, Andreas.

Am 05.11.2012 17:36, schrieb Susanne Wunsch:

> Dear Dirk, Andreas and others,

>

> Dirk Bräuer <dirk.braeuer@irfp.de> writes:

>

>> If it is deemed necessary to keep the addresses, phone numbers
>> a.s.o. of such companies in RailML, I would also (like Andreas) not
>> repeat them at each <trainPart> nor <vehicle>. So, I agree that we
>> should create a central "address" list and make cross-references
>> (ref's) to that list _if_ we want to handle them in RailML.

>

> If there is a need for such data I would use an already existing XML
> Schema integrated into the current railML structure, like done with
> MathML in the rollingstock sub-schema. I don't want to re-invent the
> wheel of contact data. ;-)

>

> For all kinds of address data the XML Schema of HR-XML [1] would be a
> good starting point, e.g.

>

> <PersonName>

> <FormattedName>Andrea Johnson</FormattedName>

> <oa:GivenName>Andrea</oa:GivenName>

> <FamilyName>Johnson</FamilyName>

> </PersonName>

> <Communication>

> <Address>

> <oa:AddressLine sequence="1">2341 Oaks Court</oa:AddressLine>

> <oa:CityName>Clear Springs</oa:CityName>

> <oa:CountrySubDivisionCode>GA</oa:CountrySubDivisionCode>

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>     <CountryCode>US</CountryCode>
>     <oa:PostalCode>30127</oa:PostalCode>
> </Address>
> </Communication>
> <Communication>
>     <ChannelCode>Telephone</ChannelCode>
>     <UseCode>Personal</UseCode>
>     <oa:CountryDialing>1</oa:CountryDialing>
>     <oa:AreaDialing>404</oa:AreaDialing>
>     <oa:DialNumber>2234421</oa:DialNumber>
> </Communication>
> <Communication>
>     <ChannelCode>MobileTelephone</ChannelCode>
>     <UseCode>Personal</UseCode>
>     <oa:CountryDialing>1</oa:CountryDialing>
>     <oa:AreaDialing>404</oa:AreaDialing>
>     <oa:DialNumber>2211041</oa:DialNumber>
> </Communication>
> <Communication>
>     <ChannelCode>Email</ChannelCode>
>     <UseCode>Personal</UseCode>
>     <oa:Text>aj2341@aol.com</oa:Text>
> </Communication>
>
> Otherwise we could re-use the ISO 19139 (Geographic Metadata) [2]
>
> <gmd:pointOfContact>
>     <gmd:CI_ResponsibleParty>
>         <gmd:individualName>
>             <gco:CharacterString>Dagobert Rechtbild</gco:CharacterString>
>         </gmd:individualName>
>         <gmd:organisationName>
>             <gco:CharacterString>Erhebungsfirma "Wir können das am besten", Standort Puntigam,
>             Abteilung ALS</gco:CharacterString>
>         </gmd:organisationName>
>         <gmd:positionName>
>             <gco:CharacterString>Experte für Luftbilder</gco:CharacterString>
>         </gmd:positionName>
>         <gmd:contactInfo>
>             <gmd:CI_Contact>
>                 <gmd:phone>
>                     <gmd:CI_Telephone>
>                         <gmd:voice>
>                             <gco:CharacterString>+43-316-2345-876</gco:CharacterString >
>                         </gmd:voice>
>                     </gmd:CI_Telephone>
>                 </gmd:phone>
>                 <gmd:address>

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>     <gmd:CI_Address>
>         <gmd:electronicMailAddress>
>             <gco:CharacterString>dagobert.rechtbild@erhebung.at</gco:CharacterString>
>         </gmd:electronicMailAddress>
>     </gmd:CI_Address>
> </gmd:address>
> <gmd:contactInstructions>
>     <gco:CharacterString>Dienstag bis Donnerstag in Graz. Restliche Zeit im
Außendienst.</gco:CharacterString>
> </gmd:contactInstructions>
> </gmd:CI_Contact>
> </gmd:contactInfo>
> <gmd:role>
>     <gmd:CI_RoleCode
>         codeList=" http://standards.iso.org/ittf/PubliclyAvailableStandards/ISO
_19139_Schemas/resources/CodeList/gmxCodelists.xml#CI_RoleCo de"
>         codeListValue="originator">originator</gmd:CI_RoleCode>
>     </gmd:role>
> </gmd:CI_ResponsibleParty>
> </gmd:pointOfContact>
>
> Anyway there would be some separate container element for contact
> information. Their single entries will be referred from some elements
> like already proposed by Andreas.
>
> If there are less information the above examples shrink to less lines of
> code.
>>
>> Since there are more possible kinds of companies as
>>> - contractor (Auftraggeber)
>>> - subcontractor (Fremdunternehmer)
>>> - concessionaire (Konzessionsinhaber)
>>> - operator (Betreiber)
>> (possibly "Aufgabenträger" but also "catering contractor...")
>
> That would be a railML-extension to the above proposed more general
> contact data sets.
>
>> I would prefer not to have pre-defined elements for them at
>> <trainPart>. Rather, I could imagine a general enumerable list of
>> "<contractor>" or "<partner>" with an attribute for "kind of
>> contractual relationship" =
>> Aufgabenträger/Auftraggeber/Subauftragnehmer/Caterer...
>
> These detailed contact information with their roles should not be given
> and repeated at the trainPart's or vehicle's level. I agree.
>
> I currently don't understand the need for the distinction between

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> "contractor" and "partner". I mean a "caterer" is always a
> "contractor". Maybe I misunderstand something here.
>
>> Probably we will first introduce this principle at <trainPart> but
>> later extend it for <vehicles>, IMs, TOCs. So the "central address
>> list" (list of "roles") should probably not be situated at
>> <timetable>.
>
> +1
>
> I would introduce this separated list in the "common railML area" after
> the <metadata> element with the next major release and revise all
> current XML tree positions for contact data in that change.
>
> How strong is your need for this extension, Andreas? Do you need a
> quick&dirty solution that will be discarded with the next major release?
>
> I filed a Trac ticket for this issue in order to not forget it. [3]
> Currently I can't implement anything because of the multiple
> proposals. Let's find a common agreement. :-)
>
> Kind regards...
> Susanne
>
> [1] <http://www.hr-xml.org/>
> [2] <http://www.isotc211.org/2005/gmd/>
> [3] <https://trac.assembla.com/railML/ticket/178>
>
