
Subject: Timetable schema

Posted by [Thomas Strang](#) on Wed, 19 Mar 2008 14:50:51 GMT

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Hi there,

a) is there a specific reason why the "trainID" attribute of the train element in the timetable schema is of type "tGenericID", i.e.

```
<xsd:attribute name="trainID" type="tGenericID" use="required" />
```

instead of type "xs:ID"? The latter one would allow to search for (train-)elements by their ID in most DOM implementations, e.g.

```
Element element = doc.getElementByld( someTrainId );
```

b) Where can I publicly find the most recent schema versions? A previous news entry refers to "The latest version of the timetable scheme is available on the RailML-Server. ", but I assume this is a non-public part of the server?

Best,
Thomas

Subject: Re: Timetable schema

Posted by [Susanne Wunsch railML](#) on Thu, 20 Mar 2008 09:31:43 GMT

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Hello,

Thomas Strang wrote:

```
> a) is there a specific reason why the "trainID" attribute of the train
> element in the timetable schema is of type "tGenericID", i.e.
>
> <xsd:attribute name="trainID" type="tGenericID" use="required" />
>
> instead of type "xs:ID"?
```

Specification of XML Schema constrains "ID" beginning with a letter or "_", but especially train "id"s often start with some number [1-9].

see also: <<http://www.w3.org/TR/xmlschema-2/#ID>>

When restructuring railML schemas for version 1.1, we decided to use some own base type for "id"s, the "string"-based simple type "tGenericID". Nevertheless the usage differed between the sub schemas

"timetable", "rollingstock" and "infrastructure". For next version the schema coordinators are working on harmonization. Attribute "trainID" should be renamed to "id" through inheritance of base type "tElementWithIDAndName".

see also: thread "tElementWithIDAndName"
<news://153.96.46.40:119/fr8rud\$aot\$1@sifa.ivi.fhg.de>

Considerations about "tGenericID" and "tElementWithIDAndName" should be discussed in <news://153.96.46.40:119/railML.misc>

- > The latter one would allow to search for
- > (train-)elements by their ID in most DOM implementations

Sorry, I can't help with this, since now I didn't come in contact with DOM. Maybe, other users can give their experiences with DOM and railML.

- > b) Where can I publicly find the most recent schema versions? A previous
- > news entry refers to "The latest version of the timetable scheme is
- > available on the RailML-Server. ", but I assume this is a non-public
- > part of the server?

The latest version is railML 1.1

download: <http://www.railml.org/schemas/versions/railML_v1-1.zip>

find from home page: <<http://www.railml.org/>>

- > choose language (e.g. Deutsch)
- > choose "Entwicklung" or "Development"
- > choose one of topics "Common", "Timetable", "Rollingstock",
"Infrastructure"

There aren't any current working drafts in "genesis" part, which was referred in previous news entry.

Best regard,
Susanne
