Subject: Schema version V0.95-02 released
Posted by Ulrich Linder on Tue, 07 Sep 2004 19:27:03 GMT
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Hello,

a new version of the infrastructure schema is released:

http://www.railml.org/genesis/infrastructure

We have a lot of changes compared to the former version 0.94-18. Most of the proposals in the newsgroup are implemented in this version.

This are the most important changes:

1. General:
- Absolute positions are split in two decimal parts instead of the combined string-attribute. --> absPosAttrGroup
- The internal inheritance of some schema type definitions have been changed using attribute groups. This has no effect to the syntax of the infrastucture files.

2. Tracks:
- Each trach has a new attribute "trackType". The attributes "posTrackBegin", "posTrackEnd", "absPosTrackBegin", "absPosTrackEnd" and "length" are canceled. Use the trackTopology child "trackBegin" and "trackEnd" for this information.
- The child "trackData" is renamed to "trackElements" (and "trackDataType" to "trackElementType"
- "trackElements" have a new child called "generalElements" containing multiple elements of the Type "generalElementType". This elements can be used to store arbitrary track elements.

3. Topology:
- Crossings are supported
- The track begin and the track end can be defined as simple connection, buffer stop, switch or crossing.
- Connections refer opposite to another connection by the ID
- Each connection can contain a bend (radius) and a maximum speed.
- The connection reference is defined by an connection ID and/or by references to the topology, the line, track, position and the absolute postion.

4. Track elements of the operation and control system:

- First proposal for the integration of balises, axle counters, track
circuits and train protection elements.
- "trackType" gets a new child "ocsElements" as container for operation and
control elements of the track. This container is used for blocks, signals,
balises, axle counters, track circuits and train protection elements.
Signals and balises can be grouped.

PLEASE have a look on this proposals, especially on the operation and
control elements and the topology (i.e. crossings).

We plan to release the version 1.0 before the next meeting in Berlin!

The concept document will be revised and published the next days.

With best regards

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