
Subject: Use the concept of layer for splitting the data
Posted by [pierre.simon](#) on Wed, 04 Jul 2012 17:09:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

After discussing it seems that the approach railML wants to follow is to split the data into different layers for the next major release.
Regarding the infrastructure in Belgium, here are some layers which could be identified:

- Topology
- Geometry (horizontal / vertical)
- Line side signalization
- Protection systems
- Speed
- Platforms
- Electrification
- Itineraries / Interlocking
- LEU
- Tunnels
- Bridges
- Level Crossings
- ...

Please implement a layer concept in the next railML's version.

[de: In der naechsten railML-Version sollte die Infrastrukturverwaltung auf ein Layer-Konzept umgestellt werden. Diese sollte die oben genannten Elemente getrennt beinhalten.]

--

----- posted via PHP Headliner -----

Subject: Re: Use the concept of layer for splitting the data
Posted by [Christian Rahmig](#) on Thu, 05 Jul 2012 04:12:51 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello Pierre,

> Please implement a layer concept in the next railML's version.

thank you very much for your very important post. Especially the railML infrastructure sub-schema needs to be updated and improved in many cases, which are not compatible with railML 2.x. The layer concept is a central issue which belongs to this next major release of railML 3.0. At the moment, we are working on a railML 2.2. However, in order not to forget about this layer approach, I created a trac ticket #154 [1].

[1] <https://trac.assembla.com/railML/ticket/154>

Regards

Christian Rahmig
railML.infrastructure coordinator

Subject: Re: Use the concept of layer for splitting the data
Posted by [christian.rahmig](#) on Fri, 18 Jan 2019 14:10:55 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear all,

Am 05.07.2012 um 06:12 schrieb Christian Rahmig:

> Hello Pierre,

>

>> Please implement a layer concept in the next railML's version.

>

> [...] However, in order not to

> forget about this layer approach, I created a trac ticket #154 [1].

>

> [1] <https://trac.assembla.com/railML/ticket/154>

upcoming railML 3.1 implements the layer concept for the infrastructure domain. Furthermore, the layer approach has become a Modeling Design Pattern for railML 3.x future development (see [2]).

Consequently, the Trac ticket #154 [1] can finally be closed.

[2]

http://forum.railml.org/userfiles/2019-01-16_railml_railml3-modelling-patterns.pdf

Best regards
Christian

--

Christian Rahmig - Infrastructure scheme coordinator
railML.org (Registry of Associations: VR 5750)
Phone Coordinator: +49 173 2714509; railML.org: +49 351 47582911
Altplauen 19h; 01187 Dresden; Germany www.railml.org
