



railML.org

railML 3 wiki news

Agenda

1. Rollout railML[®] 3.2
2. Documentation of changes railML[®] 3.1 → railML[®] 3.2
3. Maintenance railML[®] 2 wiki
4. Maintenance railML[®] 3 wiki

Rollout railML[®] 3.2

- Happens automatically via script
- For every element, a page <element>/3.2 is being created and transcluded into the element page
- Example: <https://wiki3.railml.org/wiki/IL:device/3.2>

Rollout railML[®] 3.2

Workflow:

UML



XSD



Mediawiki
(raw documentation)



Mediawiki
(comprehensive
documentation)

Rollout railML[®] 3.2

Example: IS:balise

<https://wiki3.railml.org/wiki/IS:balise>

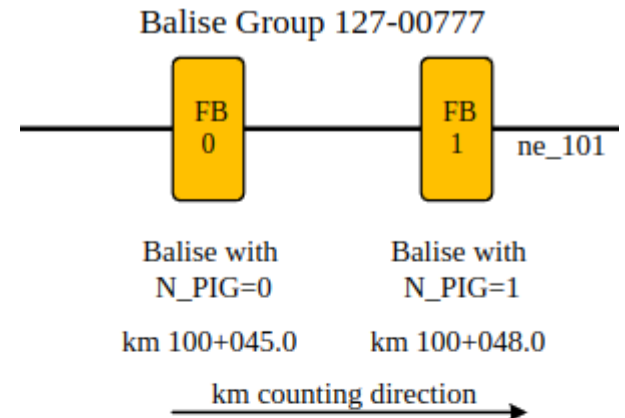


Figure 6: Example 1 – Balise group of 2 fix data balises
Corresponding railML[®] description

```
<balises>
  <balise id="bg1_bal0" type="fixe
    <name name="127-00777-0" des
    <spotLocation id="bg1_bal0_s
      <linearCoordinate positi
    </spotLocation>
    <isEurobalise positionInGrou
  </balise>
  <balise id="bg1_bal1" type="fixe
    <name name="127-00777-1" des
    <spotLocation id="bg1_bal1_s
      <linearCoordinate positi
```

Documentation of changes railML[®] 3.1 → railML[®] 3.2

- Central or decentral?
- Automatic or manual?
- More or less?



Documentation of changes railML[®] 3.1 → railML[®] 3.2

- railML[®] 2: Documented manually on a single page

Common Subschema [\[Bearbeiten | Quelltext bearbeiten \]](#)

New element **<projects>** [\[Bearbeiten | Quelltext bearbeiten \]](#)

Fact: Describing the purpose of the model in a related project.

Reason: Requirement from the community.

Related Development Tickets: [#390](#)

New element(s): **<projects>**, **<project>**, **<designator>**, **<alternat**

Timetable Subschema [\[Bearbeiten | Quelltext bearbeiten \]](#)

New **@onRequest** for **<trainPart>** [\[Bearbeiten | Quelltext bearbeiten \]](#)

Fact: new attribute **@onRequest** (bool) has been added in elen

Reason: Required by railML partner. Also this should help avoiding

[File:Anpassungen railML 2 -Bedarfszüge.pdf](#)

Related Development Tickets: [#372](#)

New attribute(s): **@onRequest**

Updated element(s): **<trainPart>**

New value other: anything for **<category>@trainUsage** [\[Bearbeiter](#)

Fact: **<category>@trainUsage** has been extended to allow t

Reason: The demand for more distinguished categories appeared i

Related Development Tickets: [#375](#)

Related Commits: [\[1039\]](#) *(Note on legacy SVN commits)*

Updated XSD file(s): railwayBaseTypes.xsd

Updated attribute(s): **<category>@trainUsage**

Updated element(s): **<category>**

railML[®] 2: Documented manually on a single page



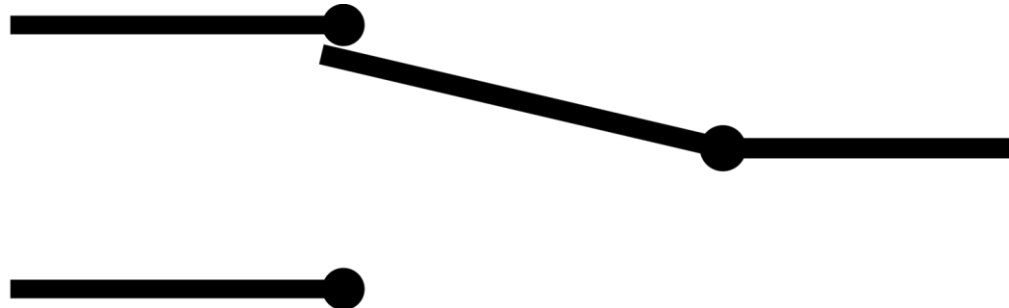
- Intuitive maintenance
- All information **on changes** in a single place



- Much effort → takes long; less resources for other purposes
- Not all information on the element in a single page

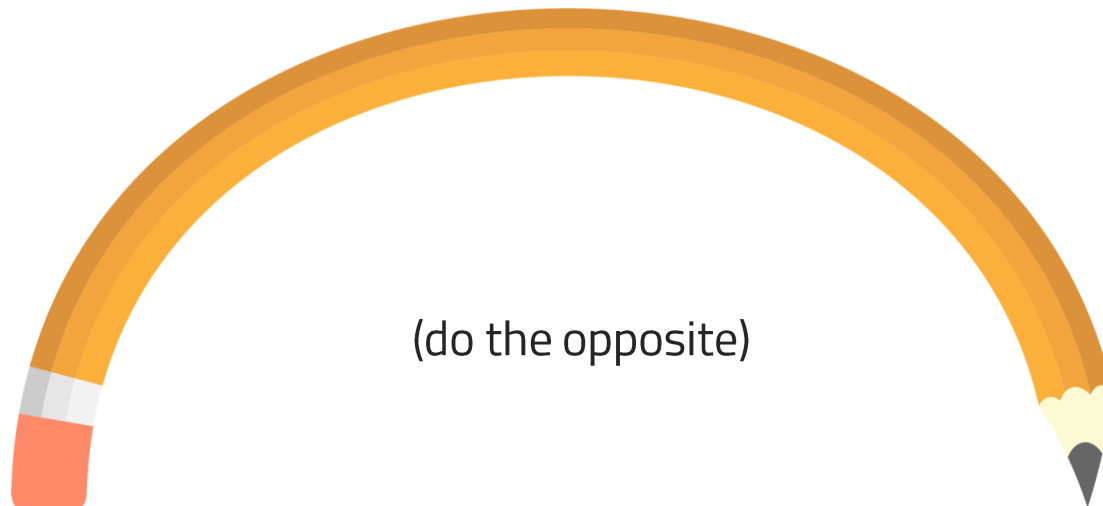
railML[®] 3: Time for a change?

- A green field
- More automatization upstream allows for more automatization in the wiki
- Automatization upstream releases resources



Documentation of changes railML[®] 3.1 → railML[®] 3.2

- Document the changes only in the affected element pages



Document changes **only** in the affected element pages



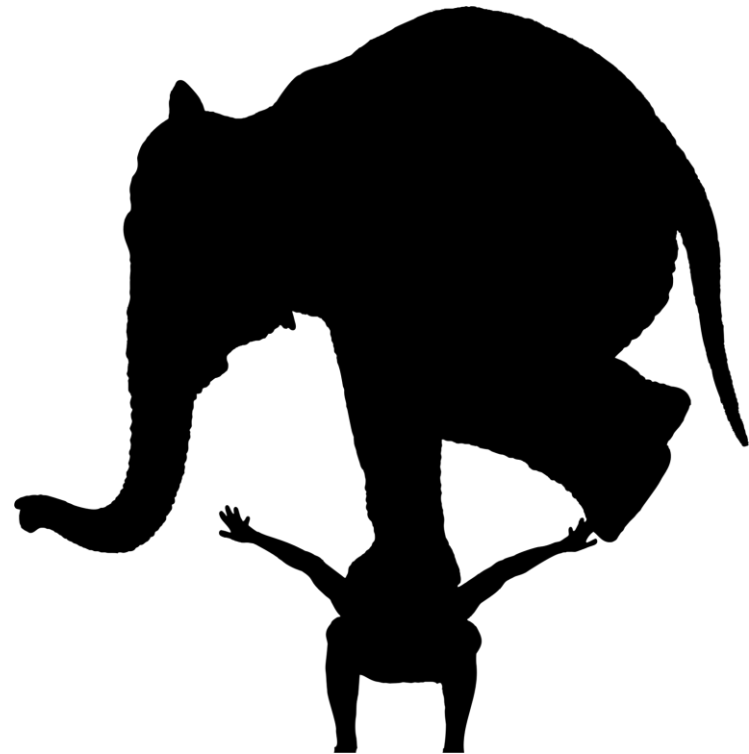
- Intuitive maintenance
- All information **on elements** in a single place



- **Still much effort** → wait longer, provide more resources
- The context gets lost

Documentation of changes railML[®] 3.1 → railML[®] 3.2

- Document the changes both centrally and in the affected element pages



Document the changes **both** centrally **and** in the affected element pages



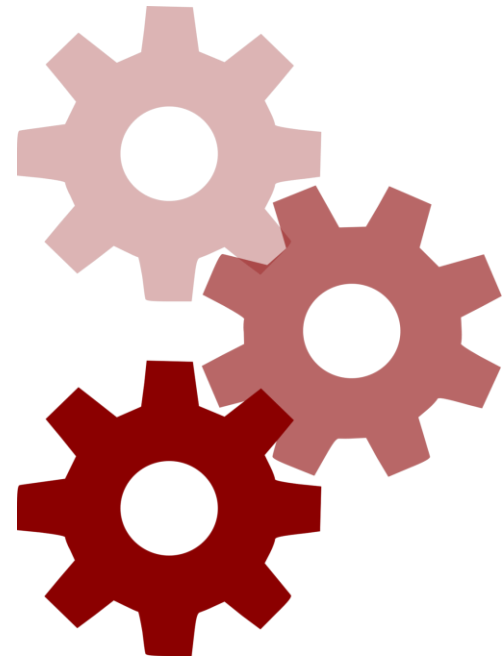
- Intuitive maintenance
- **All information everywhere**



- **Very much effort**
- Risk of inconsistencies

Documentation of changes railML[®] 3.1 → railML[®] 3.2

- Determine all changes automatically



Determine all changes automatically



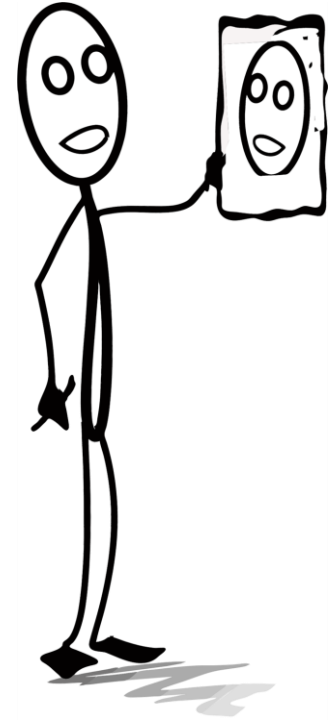
- Hardly any maintenance
- Can be **displayed centrally and in the element pages**



- Little information
- No context
- Unwieldy

Documentation of changes railML[®] 3.1 → railML[®] 3.2

- Document changes manually in the element pages
- And transclude this automatically to a changes page
- (Or vice versa)



Document manually & transclude








- Consistence
- Context



- Unwieldy
- Difficult to edit/maintain

Summary

	Element pages	Central changes page
Current 	Nothing/Auto	Manually
Opposite 	Manually	Nothing/Auto
Both 	Manually	Manually
Auto 	Nothing/Auto	Nothing/Auto
Mirror 	Manually	Transclude



Thank you for your attention!

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