
Subject: Re: role names on association ends

Posted by [christian.rahmig](#) on Mon, 27 Jun 2016 08:54:22 GMT

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Dear Felix,

Am 23.06.2016 um 18:18 schrieb Felix Prüter:

- > Hello,
- > I assume that all names on associations on the diagrams are
- > role names.
- > If true, all these names should have a singular or plural
- > ending corresponding the related multiplicity.
- > e.g.
- > SpotLocation --> PositioningNetElement: 1 netElement
- > LinearLocation --> PositioningNetElement: 1..* netElements
- > ComposuitionNetElement --> ElementPartCollection: 0..*
- > elementCollections
- > [...]

Your assumption is correct. And we should keep it the same in the all the diagrams. However, in railML3 UML, the role name always describes one instance. For the XSD export, this results then in sth like this:

```
<linearLocation>
  <netElement ref="..." />
  <netElement ref="..." />
</linearLocation>
```

Here, netElement is the UML role name.

Best regards
Christian

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