
Subject: Re: @minOccurs, @maxOccurs and @use
Posted by [christian.rahmig](#) on Thu, 04 Oct 2018 14:56:08 GMT
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Dear all,

Am 02.10.2018 um 13:18 schrieb Christian Rahmig:

- > elements... are by default mandatory (minOccurs="1" and maxOccurs="1") [1]
- >
- > attributes... are by default optional (use="optional") [2]
- >
- > Therefore, mandatory elements and optional attributes don't have to have
- > mentioned properties.
- >
- > For the following cases, properties have to be provided in the schema:
- > * optional elements occurring once: minOccurs="0"
- > * optional elements occurring up to n times: minOccurs="0" and
- > maxOccurs="n" (with n being a positive number)
- > * mandatory elements occurring up to n times: maxOccurs="n" (with n
- > being a positive number)
- > * mandatory attributes: use="required"

A ticket [1] has been created with the aim to identify and delete all occurrences of

- * minOccurs="1"
- * maxOccurs="1"
- * use="optional"

The ticket has been implemented with railML version 2.4.

[1] <https://trac.railml.org/ticket/344>

Best regards
Christian

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