
Subject: Correct use of arrivalDay/departureDay
Posted by [tobias](#) on Thu, 01 Sep 2005 09:57:41 GMT

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I have two questions regarding the correct use of arrivalDay and departureDay in the entry element, which I feel are not sufficiently explained in the documentation. The description says "indicating an arrival/departure after midnight on day n".

Q1: On which day is the train considered to start, on day 0 or on day 1?

Q2: If a train passes midnight, should the arrivalDay and departureDay attributes be repeated for each subsequent entry element?

My guess is that the answer to Q1 is that the train starts on day 1 and the answer to Q2 is yes, but I cannot tell from just reading the documentation.

Subject: Re: Correct use of arrivalDay/departureDay
Posted by [Joachim.Rubröder](#) on Wed, 14 Sep 2005 13:16:42 GMT

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The arrivalDay / departureDay was meant as offset.

Any train starts on day 0 (Q1). Without arrivalDay-attributes, everything is regarded as the same day = day 0.

After midnight, any further attribute arrivalDay and departureDay should be set to 1 (Q2) .

The duration between start and arrival can be calculated as: "arrival + (arrivalDay * 24h) - start".

I thought that an arrivalDay = 1 should be repeated. But I like the idea of Dani, that an intelligent importing program sticks to day 1 until the appearance of arrivalDay >= 2 and is able to deal with or without repetition.

But you are right, I'll try to fix this point in the documentation.

Best regard,
Joachim

Subject: Re: Correct use of arrivalDay/departureDay
Posted by [Daniel Huerlimann](#) on Thu, 15 Sep 2005 06:14:01 GMT

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In article <dg97rp\$jrd\$1@sifa.ivi.fhg.de>, j.rubroeder@sma-partner.ch

wrote:

- > The arrivalDay / departureDay was meant as offset.
- > Any train starts on day 0 (Q1). Without arrivalDay-attributes, everything
- > is regarded as the same day = day 0.
- > After midnight, any further attribute arrivalDay and departureDay should
- > be set to 1 (Q2) .
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- > (arrivalDay * 24h) - start".
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- > of Dani, that an intelligent importing program sticks to day 1 until the
- > appearance of arrivalDay >= 2 and is able to deal with or without
- > repetition.
- >
- > But you are right, I'll try to fix this point in the documentation.
- >
- > Best regard,
- > Joachim

Thank you very much for your answer, Joachim. It is clear now so that I can start implementing....

Best regards

Dani
