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**Subject: Timetable data elements for railVIVID**

Posted by [Philip Wobst](#) on Fri, 12 May 2017 10:24:31 GMT

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The railVIVID tool shall show an element count of all relevant elements in a railML file - TRAC ticket #230. I have created a list of elements that contain the main data for the TT subscheme based on existing example data files. Please note the following:

- parent elements (e.g. ocpsTT or connections) are not included
- sub elements that need to be provided together with a parent (e.g. the trainPartRef for the trainPartSequence) are not necessarily included

Please review the list below and provide feedback if you feel an element is missing.

#### Timetable masterdata

Element	XPath expression
category	//timetable/categories/category
operatingPeriod	//timetable/operatingPeriods/operatingPeriod
operatingDayDeviance	//timetable/operatingPeriods/operatingPeriod/operatingDay/operatingDayDeviance
specialService	//timetable/operatingPeriods/operatingPeriod/specialService
holiday	//timetable/timetablePeriods/timetablePeriod/holidays/holiday

#### Train data

Element	XPath expression
trainPart	//timetable/trainParts/trainPart
passengerUsage	//timetable/trainParts/trainPart/formationTT/passengerUsage
reservationInfo	//timetable/trainParts/trainPart/formationTT/reservationInfo
ocpTT	//timetable/trainParts/trainPart/ocpsTT/ocpTT
connection	//timetable/trainParts/trainPart/ocpsTT/ocpTT/connections/connection
sectionTT	//timetable/trainParts/trainPart/ocpsTT/ocpTT/sectionTT
stopDescription	//timetable/trainParts/trainPart/ocpsTT/ocpTT/stopDescription
times	//timetable/trainParts/trainPart/ocpsTT/ocpTT/times
organizationalUnitBinding	//timetable/trainParts/trainPart/organizationalUnitBinding
train	//timetable/trains/train
trainPartSequence	//timetable/trains/train/trainPartSequence
brakeUsage	//timetable/trains/train/trainPartSequence/brakeUsage
speedProfileRef	//timetable/trains/train/trainPartSequence/speedProfileRef

#### Train group data

Element	XPath expression
trainGroup	//timetable/trainGroups/trainGroup
trainRef	//timetable/trainGroups/trainGroup/trainRef

#### Rostering

Element	XPath expression
blockPart	//timetable/rosterings/rostering/blockParts/blockPart
block	//timetable/rosterings/rostering/blocks/block
blockPartSequence	//timetable/rosterings/rostering/blocks/block/blockPartSequence
blockPartRef	//timetable/rosterings/rostering/blocks/block/blockPartSequence/blockPartRef
circulation	//timetable/rosterings/rostering/circulations/circulation

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