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Subject: Re: Additional commercial attributes from TAP TSI for timetables

Posted by [Stefan Jugelt](#) on Mon, 21 Sep 2015 16:02:37 GMT

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Dear all,

as agreed during our railml timetable meeting last week I have created for the proposed attributes one example for the coding of places and services for a train part:

Example:

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2015 sp2
(http://www.altova.com)-->
<railml xmlns="http://www.railml.org/schemas/2013"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.railml.org/schemas/2013 railML.xsd">
  <metadata>
    <organizationalUnits>
      <railwayUndertaking id="CompanyCode_1080" code="1080"/>
    </organizationalUnits>
  </metadata>
  <infrastructure id="inf-0815">
    <operationControlPoints>
      <ocp id="enee_8010085">
        <designator entry="8010085" register="ENEE"/>
      </ocp>
      <ocp id="enee_8010205">
        <designator entry="8010205" register="ENEE"/>
      </ocp>
    </operationControlPoints>
  </infrastructure>
  <timetable id="tt-0815">
    <trainParts>
      <trainPart id="TrainPart-0815-1">
        <formationTT>
          <passengerUsage>
            <!-- 100 seats in 1st class -->
            <places category="seatingFirstClass" count="100"/>
            <!-- 300 seats in 2nd class -->
            <places category="seatingSecondClass" count="300"/>
            <!-- Snack trolley available -->
            <service name="trolley" count="1"/>
          </passengerUsage>
        </formationTT>
        <ocpsTT>
          <ocpTT ocpRef="enee_8010085" ocpType="begin"/>
          <ocpTT ocpRef="enee_8010205" ocpType="end"/>
        </ocpsTT>
      </trainPart>
    </trainParts>
  </timetable>
</railml>
```

```
</ocpsTT>
<organizationalUnitBinding>
  <railwayUndertaking ref="CompanyCode_1080"/>
</organizationalUnitBinding>
</trainPart>
</trainParts>
</timetable>
</railml>
```

Some further explanations:

1. The code values for the rail:places/@category shall be stored in an external code list, not in an enumeration in railML.
2. The code values are available in the files "Codelist\_B.4.7161.xml" (services) and "Codelist\_B.4.9039.xml" (places).
3. The enumeration for the accommodation classes in "tPlaceCategory" and "tServices" are not needed anymore.

Please check the example and provide your comments.

Kind regards,

Stefan Jugelt

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----- posted via PHP Headliner -----

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