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Subject: Suggested definition of <ocpVis>  
Posted by [Torben Brand](#) on Tue, 03 Dec 2019 11:02:08 GMT  
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Today there is no definition/documentation for the <infrastructureVisualisation> scheme in the wiki. The elements and attributes are mapped in the wiki, but there is no definition of the elements and attributes in the wiki.  
However there has established itself a best practice of how this schema is used.

I want to point out a specific usage of the sub element <ocpVis>. <ocpVis> distinguished itself from the <trackVis> in that <trackVis> contains the coordinates of the track topology and the elements/objects on the track and <ocpVis> contains the coordinates of all elements NOT part of the tracks (topology or node-edge model). When <infrastructureVisualisation> was created pre railML2.1 the only physical element not part of the tracks was the OCP. Thus, it was logical to name the element <ocpVis>. However, with railML2.1 the controller was introduced. I therefor suggest to also be able to visualise the controller (if need be) with <ocpVis>. To avoid the same constraint later I suggest allowing mapping of all elements in railML, that are not part of the tracks (topology or objects) under <ocpVis>.

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