
Subject: Re: Infrastructure semantics

Posted by [tuomas.tiihonen](#) on Tue, 10 May 2011 07:03:14 GMT

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>> Could OCP have different heads (heads could be used for resolving
>> orientation of the train in relation to stop)? So that line would link
>> from ocpA head1 to ocpB head2.

>

> Would you be so kind to specify this question?

If two OCPs are linked together how can you know which side of the OCP the train enters the OCP?

I will try to illustrate:

Track: "="

Station OCP: /////OCP/////

H1 = Head1

H2 = Head 2

=====H1////////OCP1////////H2=====H1////////OCP2 /////H2===== (this connects back to OCP1/H1)

Now if I make connection from OCP1 to OCP2 the connection would know that it starts from OCP1->Head2 and ends at OCP2->Head1. This way the data tells the exact orientation of the train when it arrives from OCP1 to OCP2. But I could also make connection from OCP1 head1 to OCP2 head2 and again I know which side of the OCP the train comes from (if illustrated, this example would make loop).

If in other hand you do not specify whether the train comes from head 1 side or head 2 side you can't know the orientation of the train in relation to the stop. In essence when you make connection between two OCP it can be interpreted as the train would arrive the station from two different sides and you can't know which.

I use term "connection" loosely here as I am not quite sure what is the correct term in RailML in this context.

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