
Subject: geometric and linear coordinates in linearLocation
Posted by [Thomas Nygreen](#) on Fri, 12 May 2023 15:30:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear all,

There are two paths for geometric and linear coordinates in a <linearLocation>:

(1) Using the <geometricCoordinateBegin> and <geometricCoordinateEnd> or <linearCoordinateBegin> and <linearCoordinateEnd> of an <associatedNetElement>. This leaves no ambiguity.

(2) Using the subelements <geometricCoordinate> and <linearCoordinate> directly under <linearLocation>. These seem to be redundant to (1) and I have no idea how to interpret their presence.

Suggestion: remove the subelements <geometricCoordinate> and <linearCoordinate> directly from <linearLocation> (similarly to <areaLocation>).

I've also created a Git issue: <https://development.railml.org/railml/railtopomodel/-/issues/11>

Best regards,
Thomas
