Subject: Re: what about compressed RailML files?
Posted by Susanne Wunsch railML on Tue, 06 Nov 2012 08:25:14 GMT
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Sorry for responding to my own posting. I missed an important use case
that is already practiced.

Susanne Wunsch <coord@common.railml.org> writes:
> Use Case A:
>
> One large railML file containing pure railML without any extensions,
> validating against the officially published railML XML Schemas.
>
> -> useCaseA.railml (uncompressed)
> -> useCaseA.railml.gz (gzipped)
>
> Use Case B:
>
> One large railML file containing railML and some extensions,
> validating against the officially published railML XML Schemas
> together with the extension XML Schema.
>
> -> useCaseB.railml (uncompressed)
> useCaseB.xsd (extension XML Schema)
>
> -> useCaseB.railmlx (compressed zip archive containing both files)
>
> Use Case C:
>
> Multiple railML files, which base on the same separated railML files,
> validating against the officially published railML XML Schemas
>
> -> useCaseC_rollingstock.railml (uncompressed)
> useCaseC_infrastructure.railml (uncompressed)
> useCaseC_timetable_variant1.railml (uncompressed)
> useCaseC_timetable_variant2.railml (uncompressed)
>
> -> useCaseC.railmlx (compressed zip archive containing all above
> files)
>
> Use Case D...
>
> Variants of the above mentioned use cases.

Use Case E

Transferring relatively small single railML files from a server to
mobile devices

These files may be best compressed using the EXI algorithm. [1]

-> useCaseE.railml (uncompressed)

-> useCaseE.railml.exi (EXI compressed)

Kind regards...
Susanne

[1] http://www.w3.org/XML/EXI/

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Susanne Wunsch
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