
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

Schema Coordinator: railML.common
