

CS21 – Open Transport Initiative
Code Review Template

REVIEWER: David O'Neill	REVIEWEE: Ans Farooq, Dominykas Meistas
FEATURE: Operator API Operator Query (Comment overlap with Mode Query Review)	DATE: 13/1/2021

REPO: cs21-main	COMMIT: 430fc797
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FEEDBACK

DELETE ALL ITALICS – RESIZE BOXES AS NEEDED

FUNCTIONAL FEEDBACK

I have manually tested the API myself and I believe that it produces the expected results. Therefore I have no more functional feedback.

STYLE FEEDBACK

I would say that the code is self-documenting so does not really require any comments which is good. One very tiny thing I would say would be that there is sometimes excess whitespace which could be removed but is such a minimal point that it doesn't affect the readability of the code.

In terms of the naming of models and serializers, they are rather ambiguous. For example, an outsider reading the code would not know the meaning of CatMetadataSerializer. This is something that could be discussed about renaming, although we have a difficult job trying to conform to the PAS212 standard which is not user friendly at first glance.

GENERAL FEEDBACK

No other comments.

RESPONSE

Response by Ans Farooq

Response to Style Feedback One:

In terms of the excess whitespace, I think you may be referring to the two blank lines in between each class definition. If you are, then that is simply conforming to the PEP 8 style guide for Python which suggests to "Surround top-level function and class definitions with two blank lines."

Also, I'm using PyCharm which automatically enforces the 2 blank lines when you hit the shortcut to auto reformat code.

Response to Style Feedback Two:

I agree with you, the names are definitely ambiguous and not very meaningful to us, but I just used them because that's what the PAS212 standard calls them, with 'Cat' being short for 'Catalogue', I just thought CatalogueMetadataSerializer was a bit too long. PAS212 defines a catalogue which contains catalogue metadata and items, which further contain href and item metadata.