

## Query on OR UK profile attribute.taxonomy\_term\_id

Dom has fixed foreign key references in the UK profile to restore referential integrity. He used the ERD generation code to do this but had to use code specific to his Windows environment. With that he has not been able to generate ERD (without further work), so he has used his old code that generates an ERD from the tabular data package.

Dom's ERD is [here in Github](https://github.com/OpenReferralUK/uk-profile/blob/main/schema/taxonomy_term.json) and at this link from the UK documentation site: <https://docs.openreferraluk.org/en/latest/erd.html>.

Dom has been unable to show a one-to-many relationship between taxonomy\_term and attribute. Even though Dom has added a corresponding reference to the attribute entity in the taxonomy\_term profile

[https://github.com/OpenReferralUK/uk-profile/blob/main/schema/taxonomy\\_term.json](https://github.com/OpenReferralUK/uk-profile/blob/main/schema/taxonomy_term.json)

We think this is because of some kind of anomaly with the taxonomy\_term\_id field perhaps because the taxonomy\_term field is removed.

This is done in the profile code for attribute (see <https://github.com/OpenReferralUK/uk-profile/blob/main/profile/attribute.json>) where the taxonomy\_term field is removed but not the taxonomy\_term\_id field.

The field does exist in the full HSDS 3.0 - see here: <https://github.com/openreferral/specification/blob/3.0/datapackage.json> (line 599).

It does NOT show in the full HSDS 3.0 schema reference page here: [https://docs.openreferral.org/en/latest/hsds/schema\\_reference.html#attribute](https://docs.openreferral.org/en/latest/hsds/schema_reference.html#attribute)

Please will ODSC check why attribute.taxonomy\_term\_id does not appear in the schema reference and indicate why it doesn't show in the UK profile?

If a fix is needed, will ODSC please do this so Dom can regenerate the profile and his ERD. After that, will ODSC use their code under Linux to generate the ERD so we can compare Dom's with ODSCs and reference the clearer?

## Update on 18 Sept 2023

Mike agreed with Dom that he will (or now) edit the auto-generated tabular data package to add a link between attribute.taxonomy\_term\_id and taxonomy\_term.taxonomy\_term\_id

## Update 2023-09-26

``{eval-rst}

`[enlarge] <../\_images/entity\_relationship\_diagram\_core\_tables.svg>`\_

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:file: ../extras/\_images/entity\_relationship\_diagram\_core\_tables.svg

:download:`[download] <../extras/\_images/entity\_relationship\_diagram\_core\_tables.svg>`  
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The ERD is:

<https://docs.google.com/document/d/1o29KDYoj5XiUqPoS8Kvr3oxqUTFS7HnnW2ASqpmE0Q/edit?usp=sharing>

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