

Conversion of OpenActive data feeds to the Service Directory standard

The data is currently being requested from an endpoint and the response is parsed from JSON into a Python dictionary for each page. The data is converted into the separate tables and fields defined in [Por10726 - Import of OpenActive data to service directories](#).

Some fields needed extra conversion mostly regular schedule (eg M1M30 for duration, URLs for days of the week). Which is then inserted into the database.

Some of the events do not use EventSchedule but use startDate/endDate as a DateTime to specify the time of the event, this can only be a single time and not a recurring event so a regular schedule is not added. **James will change this to also add single events to regular schedule and advise any encoding schemes, eg for DoW.**

Day of the week: <http://schema.org/Monday>

Gender restriction: <https://openactive.io/FemaleOnly> from, [oa:GenderRestrictionType](#)

Endpoints do not include data to populate some of the tables, which include

- Service_area
 - Events are not restricted to a service area so this is not applicable
- Review
- Holiday Schedule
- Language
- Funding

Most of the services receive around 75% score (after correction) through services/rate function, depending on the source of the data. It is low as it does not have a service area losing it 15%.

The OpenSessions (on which we based the mappings) scores around 85% (after correction) as the original data was more complete.

The Bristol data averages around 85% and Bucks around 90% (both after correction).

The services/validate function returns a warning for the organization.description being empty. This is because we use the organizer field of the event as the organization and the organizer has no description.