

Basics

Debezium Connector, Synch, and Resynch

After a resync - observed results from (1) was ~2X the size of (2) and I needed to filter by `_current` to get counts that more aligned

Safe to assume the filtering by `_current` is needed?

(Nassib) Yes, non-current records are not retained by FOLIO.

(Carole) OK, thanks

(Nassib) In other words, FOLIO discards the non-current records but Metadb retains them. So we can only compare counts of the current records.

More on Resync

(Carole) When performing a resync of a data source in MetaDB

https://d1f3dtrg62pav.cloudfront.net/doc/#_resynchronizing_a_data_source Should the associated Debezium Connector `snapshot.mode` be set to something other than `initial`? For example - Is an ad-hoc snapshot or signalling tables (described below) required for the MetaDB resync process? <https://debezium.io/documentation/reference/stable/connectors/postgresql.html#postgresql-ad-hoc-snapshots> Or can the same process as followed for the initial sync be assumed?

(John) Hi Carole - I only use the default which is `initial`. Essentially, take the snapshot and then go into streaming update mode.

My Debezium configs typically look like this (v1.8 or v1.9):

```
{
  "name": "<connector_name>",
  "config": {
    "connector.class": "io.debezium.connector.postgresql.PostgresConnector",
    "database.dbname": "<db name>",
    "database.hostname": "<db host>",
    "database.password": "<db user password>",
    "database.port": "5432",
    "database.server.name": "<prepend to kafka topic>",
    "schema.exclude.list": ".*_mod_login,.*_mod_pubsub,public,.*pubsub_config,supertenant_mod_.*,.*_mod_kb_ebsco_java,.*__system",
    "table.exclude.list": ".*_mod_agreements\\.entitlement_tag,.*_mod_agreements\\.erm_resource_tag,.*_mod_agreements\\.string_template,.*_mod_agreements\\.string_template_scopes,.*_mod_agreements\\.templated_url,.*_mod_data_export_worker\\.batch_job_execution_params,.*_mod_oai_pmh\\.instances,.*_mod_remote_storage\\.original_locations,.*_mod_remote_storage\\.item_notes,.*_mod_service_interaction\\.dashboard_access,.*app_setting,.*alternate_name,.*databasechangelog,.*databasechangeloglock,.*directory_entry_tag,.*license_document_attachment,.*license_supp_doc,.*license_tag,.*log_entry_additional_info,.*subscription_agreement_supp_doc,.*subscription_agreement_document_attachment,.*subscription_agreement_ext_lic_doc,.*subscription_agreement_tag,.*tenant_changelog,.*tenant_changelog_lock,.*marc_indexers.*,.*rmb_inter nal.*,.*rmb_job.*",
    "database.user": "<db user>",
    "heartbeat.interval.ms": "30000",
    "heartbeat.action.query": "UPDATE id_dbz.heartbeat_query set last_heartbeat_ts = now();",
    "plugin.name": "pgoutput",
    "publication.autocreate.mode": "filtered",
    "tasks.max": "1",
    "truncate.handling.mode": "include"
  }
}
```

(Carole) We are running version 2.3.4 of Debezium (which was the latest at the time first setting things up) -- assuming its ok to run a version 2.X?

(John) I don't see why not as long as it's compatible with your version of Kafka and Postgresql. Personally, though, I haven't tried 2.x quite yet. We are still using Kafka 2.8 and so 1.8 and 1.9 have suits our needs just fine. I have it on my list to test with 2.x at some point soon.