

Database Structure

This database helps AWS Lambda to index importing tasks.

Tables

Date Indexing Table

```
CREATE TABLE indices.s3_date_hns (  
  id bigserial NOT NULL,  
  date_hns timestamp NULL,  
  is_imported bool DEFAULT false NULL,  
  started_at timestamp NULL,  
  finished_at timestamp NULL,  
  skip_flag bool DEFAULT false NULL,  
  CONSTRAINT s3_date_hns_pk PRIMARY KEY (id)  
);
```

Execution Lock Table

```
CREATE TABLE indices.s3_execution (  
  is_executing bool DEFAULT false NULL,  
  started_at timestamp NULL,  
  finished_at timestamp NULL,  
  last_executed_date_hns timestamp NULL,  
  id serial4 NOT NULL,  
  last_error varchar(255) NULL,  
  CONSTRAINT s3_execution_pk PRIMARY KEY (id)  
);
```

CSV File Importing Index Table

```
CREATE TABLE indices.s3_file_importing (  
  id int4 DEFAULT nextval('indices.s3_importing_id_seq'::regclass) NOT NULL,  
  date_hns timestamp NULL,  
  imported_at timestamp NULL,
```

```
filename varchar(255) NULL,  
is_successful bool DEFAULT true NULL,  
CONSTRAINT s3_importing_pk PRIMARY KEY (id)  
);
```

Sequences

Date Indexing Sequence

```
CREATE SEQUENCE indices.s3_date_hns_id_seq  
INCREMENT BY 1  
MINVALUE 1  
MAXVALUE 9223372036854775807  
START 1  
CACHE 1  
NO CYCLE;
```

Execution Lock Sequence

```
CREATE SEQUENCE indices.s3_execution_id_seq  
INCREMENT BY 1  
MINVALUE 1  
MAXVALUE 2147483647  
START 1  
CACHE 1  
NO CYCLE;
```

CSV File Importing Sequence

```
CREATE SEQUENCE indices.s3_importing_id_seq  
INCREMENT BY 1  
MINVALUE 1  
MAXVALUE 2147483647  
START 1  
CACHE 1  
NO CYCLE;
```

Revision #4

Created 3 November 2024 16:12:53 by Ahmad

Updated 3 November 2024 17:24:56 by Ahmad