Documentation for BBR Test Data Generation

General flow and structure

Introduction

This document describes how extraction of a test data set based on a set of keys. The basis is the fil dow nload from BBR. All test data is based on this fil dow nload file.

Program flow

The generation of test data is set in three steps:

1. Indexing
2. Processing
3. Generation

Indexing

In this part the dow nload fil is scanned sequential. During the scan the keys and the position of the keys are extracted and stored in csv-files. The follow ing keys are used:

- id_lokalId (file bbr.csv)
- husnummer (file husnumer.csv)
- bfeNummer (file bfe.csv)

Each key has its ow n csv file.
All the indexes are stored in SQLITE DB. Each key has its ow n database

- id_lokalId (DB bbr.db - created w ith createdb.sql)
- husnummer (DB husnumer.db - created w ith createhusnummer.sql)
- bfeNummer (DB bfe.db - created w ith createbfedb.sql)

key	file	db	script
id_lokalID	bbr.csv	bbr.db	createdb.sql
husnummer	husnummer.csv	husnummer.db	createhusnummer.sql
bfeNummer	bfe.csv	bfe.db	createbfedb.sql

Processing

In this phase the file dow nload is search and extract keys are extracted

Generation

In this phase the output json file is created based on the keys and the positions found in the processing phase.