GeoPostcodes

The most comprehensive
postal database in the world

Additional
Datasets
City tags

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Introduction

This document focuses on the city tags complementing GeoPostcodes's postal and street databases. For more information about the core products, please refer to their product sheets.

City tags

Some large cities do not fit within their country's administrative divisions. It is for instance the case of New York City, which is composed of 5 out of the 62 counties (administrative level 2) of the State (administrative level 1) of New York. Consequently, New York City, which is a construct outside of the administrative divisions, does not appear as a locality in GeoPostcodes's core products. In other cases, there may be ambiguities about the extent of a city, for example "London" generally designates the region of Greater London, composed of 33 entities (32 boroughs and the City of London).

To enable both the integration and the disambiguation of large cities in our databases, we have developed a list of city tags. Those tags relate the localities in our core data to the common understanding of what big cities are.

Data Design

The data is delivered as 2 csv files (semicolon separator):

- **The Tags table** contains the list of all tagged cities and related information (names in several languages, coordinates).
- **The Tags-Places table** lists all the localities composing a tagged city.

Tags table

Field name	Field type	Description	Comments
ISO	Char(2)	ISO 3166-1 Country code	The ISO 3166-1 standard is published by the International Organization for Standardization (ISO) and defines a unique code for the name of each country. The country codes are represented as a two-letter code (alpha-2).
ID	Integer	Record identifier	
tag_type	Char(50)	Type of tag	Currently, only "city" is used. This field will enable possible extensions to other types.
name_lang1	Char(100)	Name in the first language	

name_lang2	Char(100)	Name in the second language	May be NULL
name_lang3	Char(100)	Name in the third language	May be NULL
lat	Double	Place latitude (WGS84 coordinates)	In case the georeference is not known precisely, a central point will be defined. Depending on the information available, the point can be defined as a central point of the locality, or as a central point of the underlying localities (geometric median). All our files are created using the World Geodetic System standard WGS 84. The corresponding SRID reference is EPSG:4326.
lng	Double	Place longitude (WGS84 coordinates)	

Tags-Places table

Field name	Field type	Description	Comments
ISO	Char(2)	ISO 3166-1 Country code	The ISO 3166-1 standard is published by the International Organization for Standardization (ISO) and defines a unique code for the name of each country. The country codes are

			represented as a two-letter code (alpha-2).
tag_id	Integer	Tags Table Record identifier	This gives the link (foreign key) with the Tags table
place_id	Integer	Places Table Record identifier	This gives the link (foreign key) with the Places table, containing the details about all the localities

Sample

Tags table

iso	id	tag_type	name_lang1	name_lang2	name_lang3	lat	lng
JO	203	city	Amman	عمان	[NULL]	31.8778918829	35.9322919439
IL	142	city	Jerusalem	ירושלים	[NULL]	31.7921285586	35.2067820805
EG	24	city	Cairo	القاهرة	[NULL]	30.0536636222	31.2645547102
EG	170	city	Alexandria	الاسكندرية	[NULL]	30.7981754683	29.7076563851
KR	22	city	Seoul	서울특별시	[NULL]	37.5651105424	126.9390948148
MM	193	city	Yangon	ရန်ကုန်တိုင်းဒေသကြီး	[NULL]	16.8367669718	96.1324498985
JP	14	city	Tokyo	東京都	トウキョウト	35.7001576358	139.491716318
JP	37	city	Osaka	大阪市	オオサカシ	34.6775710185	135.483179978
JP	35	city	Nagoya	名古屋市	ナゴ ヤシ	35.1408679476	136.9116035571
UA	89	city	Kiev	Київ	[NULL]	50.4026247888	30.6132588319
CY	75	city	Nicosia	Λευκωσία	[NULL]	35.1663926412	33.3698935137
AZ	70	city	Baku	Bakı	[NULL]	40.407677875	49.930285875
BG	72	city	Sofia	София	[NULL]	42.6759861376	23.3094001202

Tags-Places table

iso	tag_id	place_id
US	1	2,076,572
US	1	2,076,573
US	1	2,076,575
US	1	2,076,602
US	1	2,076,603
US	1	2,076,604
US	1	2,076,605
US	1	2,076,606
US	1	2,076,607
US	1	2,076,608
US	1	2,076,609
US	1	2,076,610
US	1	2,076,611