GeoPostcodes

The most comprehensive
postal database in the world

Additional Datasets

Time zones DST

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Introduction

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

Time zones DST

Many countries implement Daylight Saving Time (DST), the process of shifting the clocks ahead in Spring and back in Fall, in order to better synchronize human activities with Daylight. GeoPostcodes maintains a list of the future Daylight Saving Time on and off dates for all the time zones in the world (following IANA's time zones, sometimes called Olson's time zones).

As a convention, we consider the standard time in a time zone to always be behind its Daylight Saving Time. In other words, when DST is activated, clocks are always shifted forward.

Data Design

The data is delivered as a csv file (semicolon separator), with the following fields:

Field name	Field type	Description	Comments
tzone	Char(30)	Time zone name (Olson)	Following the time zones defined in the IANA tz database (sometimes called Olson database).
utc	Char(10)	Standard time expressed as an offset with respect to UTC	The Coordinated Universal Time (UTC) is the time standard commonly used across the world to keep time synchronized.
dst	Char(10)	Daylight saving time expressed as an offset with respect to UTC	The Daylight Saving Time (DST) is the practice of setting the clocks forward one hour from standard time during the summer months, and back again in the fall, in order to make better use of natural daylight.
year	Integer	Year of the DST change	To allow easy filtering of the table by year
dst_on_local	Char(20)	Time of activating DST	Expressed in local time: residents will move their clocks forward when they hit that time

dst_off_local	Char(20)	Time of deactivating DST	Expressed in local time: residents will move their clocks backwards the first time they it that time

Sample

tzone	utc	dst	year	dst_on_local	dst_off_local
America/Aruba	-04:00	-04:00	2,022	[NULL]	[NULL]
America/Asuncion	-04:00	-03:00	2,022	2022-10-02 00:00:00	2022-03-27 00:00:00
America/Atikokan	-05:00	-05:00	2,022	[NULL]	[NULL]
America/Bahia	-03:00	-03:00	2,022	[NULL]	[NULL]
America/Bahia_Banderas	-06:00	-05:00	2,022	2022-04-03 02:00:00	2022-10-30 02:00:00
America/Barbados	-04:00	-04:00	2,022	[NULL]	[NULL]
America/Belem	-03:00	-03:00	2,022	[NULL]	[NULL]
America/Belize	-06:00	-06:00	2,022	[NULL]	[NULL]
America/Blanc-Sablon	-04:00	-04:00	2,022	[NULL]	[NULL]
America/Boa_Vista	-04:00	-04:00	2,022	[NULL]	[NULL]
America/Bogota	-05:00	-05:00	2,022	[NULL]	[NULL]
America/Boise	-07:00	-06:00	2,022	2022-03-13 02:00:00	2022-11-06 02:00:00
America/Cambridge_Bay	-07:00	-06:00	2,022	2022-03-13 02:00:00	2022-11-06 02:00:00
America/Campo_Grande	-04:00	-04:00	2,022	[NULL]	[NULL]