

---

**trytond\_country**

*Release 6.8*

**unknown**

**Jul 29, 2023**



# CONTENTS

<b>1</b>	<b>Setup</b>	<b>3</b>
1.1	Loading and updating countries and subdivisions . . . . .	3
1.2	Loading and updating postal codes . . . . .	3
<b>2</b>	<b>Usage</b>	<b>5</b>
<b>3</b>	<b>Design</b>	<b>7</b>
3.1	Organization . . . . .	7
3.2	Region . . . . .	7
3.3	Country . . . . .	7
3.4	Subdivision . . . . .	8
3.5	Postal Code . . . . .	8
<b>4</b>	<b>Release notes</b>	<b>9</b>
4.1	Version 6.8.0 - 2023-05-01 . . . . .	9
4.2	Version 6.6.0 - 2022-10-31 . . . . .	9
4.3	Version 6.4.0 - 2022-05-02 . . . . .	9
4.4	Version 6.2.0 - 2021-11-01 . . . . .	10
4.5	Version 6.0.0 - 2021-05-03 . . . . .	10
4.6	Version 5.8.0 - 2020-11-02 . . . . .	10
4.7	Version 5.6.0 - 2020-05-04 . . . . .	10
4.8	Version 5.4.0 - 2019-11-04 . . . . .	10
4.9	Version 5.2.0 - 2019-05-06 . . . . .	10
4.10	Version 5.0.0 - 2018-10-01 . . . . .	10
4.11	Version 4.8.0 - 2018-04-23 . . . . .	11
4.12	Version 4.6.0 - 2017-10-30 . . . . .	11
4.13	Version 4.4.0 - 2017-05-01 . . . . .	11
4.14	Version 4.2.0 - 2016-11-28 . . . . .	11
4.15	Version 4.0.0 - 2016-05-02 . . . . .	11
4.16	Version 3.8.0 - 2015-11-02 . . . . .	11
4.17	Version 3.6.0 - 2015-04-20 . . . . .	11
4.18	Version 3.4.0 - 2014-10-20 . . . . .	12
4.19	Version 3.2.0 - 2014-04-21 . . . . .	12
4.20	Version 3.0.0 - 2013-10-21 . . . . .	12
4.21	Version 2.8.0 - 2013-04-22 . . . . .	12
4.22	Version 2.6.0 - 2012-10-22 . . . . .	12
4.23	Version 2.4.0 - 2012-04-23 . . . . .	12
4.24	Version 2.2.0 - 2011-10-24 . . . . .	12
4.25	Version 2.0.0 - 2011-04-26 . . . . .	12
4.26	Version 1.8.0 - 2010-11-01 . . . . .	13

4.27	Version 1.6.0 - 2010-05-09 . . . . .	13
4.28	Version 1.4.0 - 2009-10-19 . . . . .	13
4.29	Version 1.2.0 - 2009-04-20 . . . . .	13
4.30	Version 1.0.0 - 2008-11-17 . . . . .	13

The *Country Module* provides the basic features needed to handle data related to countries, their subdivisions, and their postal codes. It also provides some scripts that are used to load standard countries, subdivisions, and selected countries' postal codes into Tryton.



When the *Country Module* is activated it does not create any country, subdivision or postal code records. You do this using the provided scripts.

## 1.1 Loading and updating countries and subdivisions

The **trytond\_import\_countries** script loads and updates Tryton with the ISO 3166 list of *Countries* and *Subdivisions*.

You run it with:

```
trytond_import_countries -c trytond.conf -d <database>
```

## 1.2 Loading and updating postal codes

You can use the **trytond\_import\_postal\_codes** script to load and update the *Postal Codes* in Tryton from the *GeoNames Database*. It is run with:

```
$ trytond_import_postal_codes -c trytond.conf -d <database> <two_letter_country_code>
```





## USAGE

This module provides a list of *Countries* and other reference data which is normally managed using the *provided scripts*.

---

**Tip:** From a country you can *Open related records* and select *Postal Codes* to find a list of all the *Postal Codes* for that country.

---



The *Country Module* introduces the following concepts:

### 3.1 Organization

The *Organization* represents an international organization of *Countries*.

**See also:**

Organizations can be found under the main menu entry:

*Administration → Countries → Organizations*

### 3.2 Region

The *Region* represents a geographical region that groups *Countries*. The main usage is for reporting and statistics.

The UN M49 methodology and codes are used when *Loading and updating countries and subdivisions*.

**See also:**

Regions can be found under the main menu entry:

*Administration → Countries → Regions*

### 3.3 Country

This is the top level concept provided by the *Country Module*. Each country record in Tryton represents a specific country, political state or nation.

The ISO 3166 standard defines the codes and names of countries and is used when *Loading and updating countries and subdivisions*.

**See also:**

Countries can be found under the main menu entry:

*Administration → Countries → Countries*

## 3.4 Subdivision

The *Subdivision* of a *Country* represents a well defined area of that country. Subdivisions can be any size, ranging from regions, provinces, states, and counties down to municipalities, cities and boroughs.

The ISO 3166-2 standard defines codes and names for country subdivisions. These are automatically loaded and updated along with the countries.

## 3.5 Postal Code

The *Postal Code* concept is used to store postal codes, and their relationship to *Countries*, *Subdivisions* and cities. Depending on the country they relate to these codes are known locally as either postcodes, post codes, PIN (Postal Index Number) or ZIP (Zone Improvement Plan) codes.

A script is provided for *Loading and updating postal codes*.

## RELEASE NOTES

### 4.1 Version 6.8.0 - 2023-05-01

- Bug fixes (see mercurial logs for details)
- Remove support for Python 3.7
- Add support for Python 3.11

### 4.2 Version 6.6.0 - 2022-10-31

- Bug fixes (see mercurial logs for details)
- Add country organizations
- Add UN M49 regions
- Add flag symbol for country and subdivision

### 4.3 Version 6.4.0 - 2022-05-02

- Bug fixes (see mercurial logs for details)
- Use Tryton's CDN to download postal codes
- Support pycountry 22.1.10
- Manage unknown subdivision type
- Add support for Python 3.10
- Remove support for Python 3.6

## 4.4 Version 6.2.0 - 2021-11-01

- Bug fixes (see mercurial logs for details)

## 4.5 Version 6.0.0 - 2021-05-03

- Bug fixes (see mercurial logs for details)
- Rename zip into postal code

## 4.6 Version 5.8.0 - 2020-11-02

- Bug fixes (see mercurial logs for details)
- Remove support for Python 3.5

## 4.7 Version 5.6.0 - 2020-05-04

- Bug fixes (see mercurial logs for details)
- Create a zip entry for each subdivision found

## 4.8 Version 5.4.0 - 2019-11-04

- Bug fixes (see mercurial logs for details)
- Replace XML data by import script

## 4.9 Version 5.2.0 - 2019-05-06

- Bug fixes (see mercurial logs for details)
- Remove starting wildcard when searching on codes and numbers
- Add active field on country and subdivision

## 4.10 Version 5.0.0 - 2018-10-01

- Bug fixes (see mercurial logs for details)
- Remove support for Python 2.7

## 4.11 Version 4.8.0 - 2018-04-23

- Bug fixes (see mercurial logs for details)

## 4.12 Version 4.6.0 - 2017-10-30

- Bug fixes (see mercurial logs for details)

## 4.13 Version 4.4.0 - 2017-05-01

- Bug fixes (see mercurial logs for details)

## 4.14 Version 4.2.0 - 2016-11-28

- Bug fixes (see mercurial logs for details)

## 4.15 Version 4.0.0 - 2016-05-02

- Bug fixes (see mercurial logs for details)
- Add 3-letters and numeric code
- Add Python3 support

## 4.16 Version 3.8.0 - 2015-11-02

- Bug fixes (see mercurial logs for details)

## 4.17 Version 3.6.0 - 2015-04-20

- Bug fixes (see mercurial logs for details)
- Add support for PyPy
- Remove unique constraints from country name and code

## **4.18 Version 3.4.0 - 2014-10-20**

- Bug fixes (see mercurial logs for details)
- Add zip

## **4.19 Version 3.2.0 - 2014-04-21**

- Bug fixes (see mercurial logs for details)

## **4.20 Version 3.0.0 - 2013-10-21**

- Bug fixes (see mercurial logs for details)

## **4.21 Version 2.8.0 - 2013-04-22**

- Bug fixes (see mercurial logs for details)

## **4.22 Version 2.6.0 - 2012-10-22**

- Bug fixes (see mercurial logs for details)

## **4.23 Version 2.4.0 - 2012-04-23**

- Bug fixes (see mercurial logs for details)

## **4.24 Version 2.2.0 - 2011-10-24**

- Bug fixes (see mercurial logs for details)

## **4.25 Version 2.0.0 - 2011-04-26**

- Bug fixes (see mercurial logs for details)



## **4.26 Version 1.8.0 - 2010-11-01**

- Bug fixes (see mercurial logs for details)

## **4.27 Version 1.6.0 - 2010-05-09**

- Bug fixes (see mercurial logs for details)

## **4.28 Version 1.4.0 - 2009-10-19**

- Bug fixes (see mercurial logs for details)

## **4.29 Version 1.2.0 - 2009-04-20**

- Bug fixes (see mercurial logs for details)

## **4.30 Version 1.0.0 - 2008-11-17**

- Initial release