

Validating VAT EEC numbers

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Description

tva.py provides a function validating VAT EEC numbers

Source

The source is located in pimentech libcommonPython package : <http://www.pimentech.fr/en/technologies/outils>, you can also download it here : <ftp://ftp.pimentech.net/src/libcommonPython/src/python/libcommon/tva.py>

```
"""
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    Boston, MA 02111-1307, USA.
"""

from string import *
import re

tva_regexp = {
    'DE' : r'\d{9}$',
    'AT' : r'U\d{8}$',
    'BE' : r'0\d{9,10}$',
    'BG' : r'\d{9}$',
    'CY' : r'\d{8}[A-Za-z]$',
    'DK' : r'\d{8}$',
```

```
'ES' : r'\w{9}$',
'EE' : r'\d{9}$',
'FI' : r'\d{8}$',
'FR' : r'\d{11}$',
'EL' : r'\d{9}$',
'HU' : r'\d{8}$',
'IE' : r'\w{8}$',
'IT' : r'\d{11}$',
'LV' : r'\d{11}$',
'LT' : r'\d{9}$|\d{12}$',
'LU' : r'\d{8}$',
'MT' : r'\d{8}$',
'NL' : r'\w{12}$',
'PL' : r'\d{10}$',
'PT' : r'\d{9}$',
'SK' : r'\d{10}$',
'CZ' : r'\d{8,10}$',
'RO' : r'\d{2,10}$',
'GB' : r'\w{5}$|\w{9}$|\w{12}$',
'SI' : r'\d{8}$',
'SE' : r'\d{12}$'
}

tva_compiled_regexps = {}
for (country, regexp) in tva_regexps.items():
    tva_compiled_regexps[country] = re.compile(regexp)

def is_valid_tva(tva):
    try:
        country = upper(tva[:2])
        return tva_compiled_regexps[country].match(tva[2:])
    except:
        return False
```