```
from extractors.direct_downloads import extract_with_request
from models.registry import Registry
from utils.helpers import clean_str, date to iso, hexadecimal_to decimal
class IRL(Registry):
      def __init__(self, **kwargs):
              Child container for extracting, transforming, and loading registry data for Ireland
              :param kwargs: see models.registry for details
              report 1 .__trot__tr_beautyo
              # assign constant values for final registry
              mort amount, and in finding
              most in afficiency in from
              mid-anico, nam + "trial branco behaving"
              ment requesting rods a figure
              # assign registry input data filename
              # assign http headers used in all requests made to remote source
                   J. Amerikan a. I.
                     Name of the Park Control of the Cont
                     Nonectical's flaggrations,
                     "Cache Control": Next-agent".
                     "Spacede Sommon Repeator": ";",
                    magery myr.
                    .
                    CONTRACTOR MANAGEMENT OF A STATE OF THE PROPERTY OF THE PARTY OF THE P
                     "brought": "rest free, against on stretching, against on
                    and the
                     Place Betote Schaffs, Forces actor,
                    "but both body": "surrigina",
                    "Sec - Petroli- Sept."; "Son,
                     "Sec - Beloit- Seed": "No common".
                    "Scoope Scooling": "prop. delivers, 1s",
                     Noneth Company 1: No. 10, accord. P.
              # assign registry input data extraction method
              # assign updated-date scraping method for registry input data
              # assign registry input data reading method
              ----
              # assign registry data wrangling method
              military and a military at the
              # extract, transform, and load registry data
       def extract registry(self):
              Extracts registry input data from remote source
              :return: effect - creates [DATA DIR|TEST DIR]/[REGISTRY INPUT DIR]/[self.country code]/[self.registry filename] file
             # extract registry input data
              pri + mor.__free_freeDate_look
              Economic + Biolineligonist, Economic
              regionisy = entraint_acit_fequentiscl, filenage, beadermentf.headers, regionis_redementf.negionis_rede,
                                                                      Lin, Sandrinaci S., Lin, Sandri
              # scrape updated-date for registry input data
              # read registry input data
       def scrape_registry_updated(self, url=None):
              Scrapes and formats updated-date for registry input data from remote source
              :param (str) url: download url for registry input data extracted from remote source
              :return: effect - modifies self.updated
                     # handle when registry input data has been extracted but not in current session
              # assign dynamically created filename for registry input data
              # capture updated-date for registry input data
              delta il 7 7, boto di basa
              dates in dates, to, participates, first till 10%
              # assign updated-date for registry input data
       def read_registry(self, registry=None):
              Reads registry input data
              :param (bytes) registry: stream of extracted registry input data
              :return: effect - modifies self.registry
                               _ _ _
                     # handle when registry input data has been extracted but not in current session
                         powers in most gen, reporting part
              # read registry input data
              # prep registry input data
              responsive a sect. "Transa" telephonological del
              regionary extreme " treath", from a reformation for set in regionary extremes
              # assign registry input data
       def wrangle_registry(self):
              Transforms registry data
              :return: effect - modifies self.wrangled_records
              # loop through raw registrations
                     # initialize storage for wrangled representation of registration in focus
                            "Annet, Anne": Anne, to, territore Angeles sector, Anne, "Helinerist"s,
                            "back": cox. hegistication, facts,
                            "copy": becade one; to discount con distant, it.,
                            "baseductures": see Accordit produces,
                            "Months": 1 year Account of the Body
                           "sected, so": you have last, feeted, feeten,
                           "peac": year fear, of Associations,
                           "case": Ross,
                           "ca_nesse": Bone,
                           "self-ress": None
                     # update list of transformed values to record registrant and accommodate multiple registrants
               __find_download_link(self):
              Fetches the remote source html and finds the appropriate url to use when extracting registry input data
              :return: html href attribute representing the download url for registry input data
             THE T RECORD, NOTE, DESCRIPTION OF PROPERTY AND THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS.
              sog + beschiftstog trist, "tret-parent":
             sci + sop. fost/"bod/". fost/"o". fost/test/" boscost/' person/"ost/"
              ---
                add registrant copies (self, row, record):
              Adds copies of a wrangled registration with updated registrant information to reflect all registrants
              :param (namedtuple) row: raw observation of a registration to extract registrants from
              :param (dict) record: wrangled representation of 'row' argument to duplicate
               :return: effect - modifies self.wrangled records
              11 11 11
             names * you Registered bear aging "or";
              # add copies of wrangled registration with updated registrant info to reflect all registrants
                     # avoid modifying original wrangled representation of registration
                     # update registrant-related values
                     mercediche miser"; a film
                     percent "address"; + class, stringtonesser(c)
                     # update list of transformed values to populate final registry
       @staticmethod
       def __format_registry(registry):
              Cleans styled table from Excel sheet
              :param (pandas.DataFrame) registry: registry input data to clean
              :return: cleaned copy of 'registry' argument
             magnetics, exchanged 4 magnetics, bench, 1
              regions) and to proper the con-
              regions) degree how "40", increasions
              regions) deglingons; lacingons; lice), i) = "total", loke, lighter-from
              regionis) meint tribucilospelicas, regionnelicas
              ----
       @staticmethod
       def format colname(colname):
              Formats column name for namedtuple compatibility
              :param (str) colname: column name from registry input data to format
              :return: formatted copy of 'colname' argument suitable for namedtuple indexing
```

colored in class, physiological continues to 1, 1, 5, continues 575, 15, continues 575, 15, continues 5.5, 15,

from bs4 import BeautifulSoup

import pandas as pd