

Data Retrieval Package

Sometimes, changes
should be made on
param_dicts.py

Params (Line 136)

Language: "en"
year: "2018"
Data: "Price"
Time step: "15min"

Start

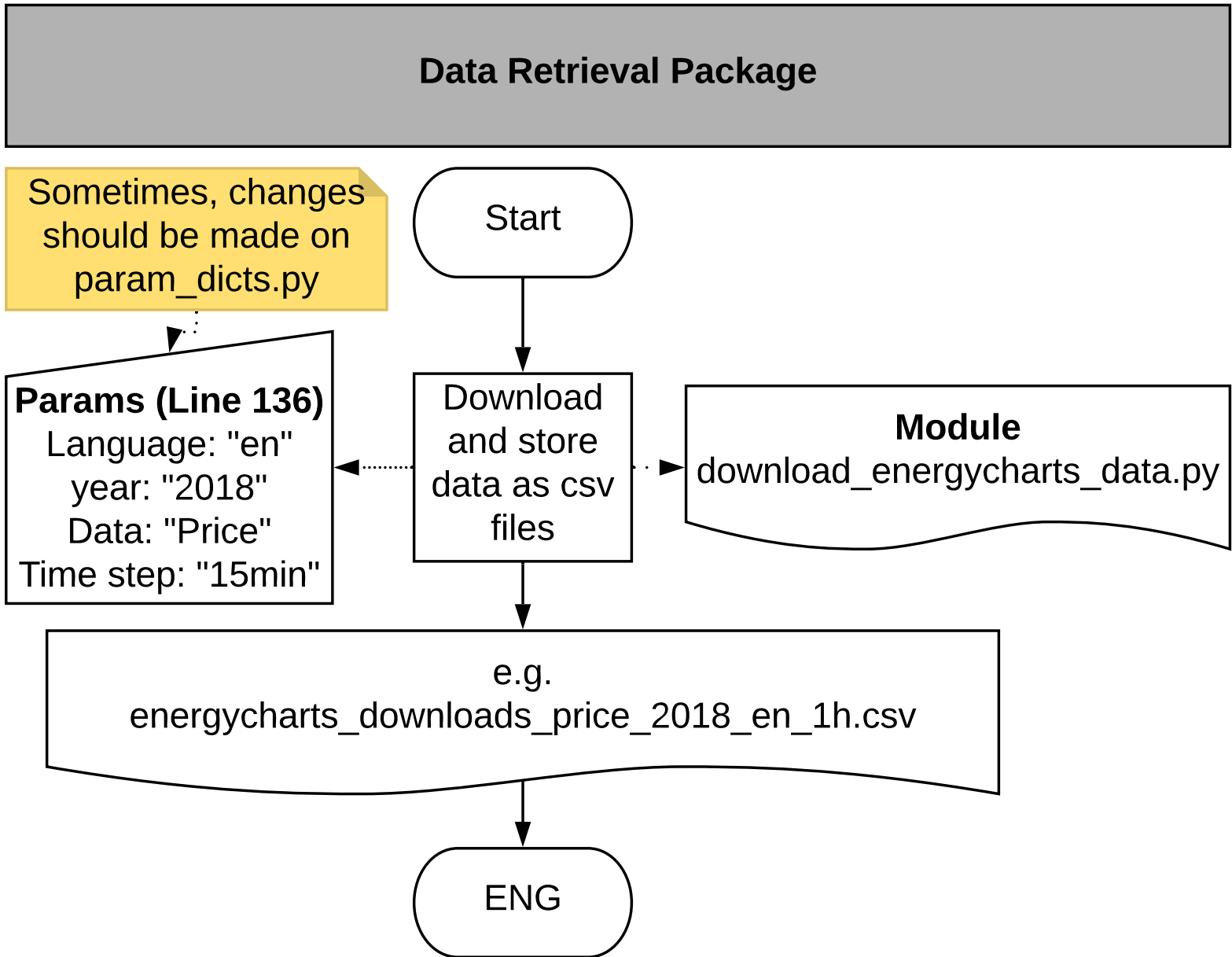
Download
and store
data as csv
files

Module

download_energycharts_data.py

e.g.
energycharts_downloads_price_2018_en_1h.csv

ENG



Battery Scheduling Package

Start

The .csv file can be resampled according to the desired timestep before optimizing

Copy files of interest

Input Path
batteryscheduling/input

Params (Line 170)
input_path:'input/_ .csv'
time_res: None

Convert .csv to .dat file with AMPL input data structure

Module
create_ampl_input.py

Params (Line 95)
file_path:'input/_ .dat'
control_horizon: 24.0
overlap: 12.0
type: 'H'

Divide the input file to sub-files with rolling horizon parameters

Module
build_sub.py

Battery Scheduling Package

