

Documentation

Documentation

Fulfillment App Documentation

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This document contains information about the use of the Good Bank's "Fulfillment App". The app is designed to process raw input from Recharge and generate files compatible with Optimoroute route planner (Daily planning) and DPD shipping system (National orders).

Additionally, the system generates overview of extra items ordered (incl. "printable" version), duplicate entries, processed orders on previous days as well as a graphical breakdown of box types and their amounts.

Important: The scripts are tailored to the specific naming conventions of the Recharge system on Shopify. Changes to naming of columns and content will likely result in incorrect behaviour. Any such changes should be flagged to the current maintainer of the system.

App is currently (temporarily) hosted here:

https://share.streamlit.io/ozika/good_bank/streamlit_dev/fulfillment_app.py

a. Daily Planning

Interface

Select

☒ Regular (daily)
☐ National orders (weekly)

Select week, year and day

Week number (e.g.: 16):

28 - +

Year (e.g.: 2021):

2021 - +

Select a day

WED ▾

Which box type to not consider this week

Choose an option ▾

Select "upcoming_WED_CW28.csv" file

Drag and drop file here
 Limit 200MB per file

Browse files

upcoming_WED_CW28.csv X
 57.0KB

Select "processed_WED_CW28.csv" file

Drag and drop file here
 Limit 200MB per file

Browse files

processed_WED_CW28.c... X
 53.7KB

* The **collected_processed_until** file needs to be the one you downloaded yesterday

Select "collected_processed_untilTUE_CW28.csv" file

Drag and drop file here

Warning: NumberInput value below has type int so is displayed as int despite format string %.0f.

VEGAN boxes: 4

VG boxes: 13

OMNI boxes: 11

Box Type (WK 28, WED)	Number
OMNI	10
OMNI GF NP	1
VEGAN	3
VEGAN GF	1
VG	11
VG GF	1
VG LF	1
VEGAN TOTAL	4
VG TOTAL	13
OMNI TOTAL	11
TOTAL	28

Duplicate entries

	index	recharge	customer id	recharge	charge id	charge date	amou
22	37		51377630		413945689	2021-07-14 00:00:00	32.50
23	38		51377630		413945689	2021-07-14 00:00:00	32.50

[Download optimoroute_WED_CW28 file](#)

[Download extra_items_PRINTABLE_WED_CW28 file](#)

[Download collected_processed_untilWED_CW28 file](#)

Overview

Input:

Week Number

Year

Day

Box type exclusion - some weeks don't have pork (NP), glutenfrei (GF) or laktosefrei (LF), this can be indicated so that labels don't include redundant information

Processed - contains new orders

Upcoming - contains recurring orders

for WED-FRI additionally Collected Processed Untill Previous Day - contains all orders (new & recurring) for the current week up till yesterday

Naming convention of files (not strict):

Processed: processed_<DAY>_CW<WEEK NUMBER>.csv

Upcoming: upcoming_<DAY>_CW<WEEK NUMBER>.csv

Collected Processed Untill Previous Day: collected_processed_until<PREVIOUS DAY>_CW<WEEK NUMBER>.csv

Output

- count of box types, broken down by box type
- duplicates (just for a quick check, if the same order occurs in both processed and upcoming then the system **keeps both** and one needs to be removed manually, this can be easily adjusted to only keep one by changing the input parameter **policy** to "keep_processed" - talk to dev if desired)

- `optimoroute_<DAY>_CW<WEEK NUMBER>.csv` file with all orders for current date
- `extra_items_PRINTABLE_<DAY>_CW<WEEK NUMBER>.csv` file which is overview of extra items for today
- `collected_processed_until<DAY>_CW<WEEK NUMBER>.csv` all orders processed for this week until today, necessary for upcoming days

Under the hood

Processed

- identify current date
- load processed file
- filter column `charge type` for `Subscription First Order` only
- check for `LOCAL DELIVERY` in `product title` column, if exists then merge the two lines of the same customer by moving `product title`, `variant title`, `line_item_properties` one up and deleting the remaining duplicate line
- remove orders for later days
- remove national orders
- on Wed-Fri use the `collected_processed_until...` to only keep new orders for today
- generate `collected_processed_until` for upcoming day
- rename box type (VEGGIE -> VG, add extra items count, etc)
- rename the following columns (they differ from the upcoming file):
 "charged date" to "charge date"
 "total amount" to "amount"
 "line_item_properties" to "line item properties"

Upcoming

- load upcoming file
- on TUE take all orders since SAT (in case they show Monday as delivery date), on other days just take orders for today
- exclude national orders
- rename box type (VEGGIE -> VG, add extra items count, etc)
- merge upcoming and processed

After merge

- check for duplicates and produce report
- process extra items and generate report
- remove national extra items
- remove ignored type from label ("variant title")
- rename columns to match Optimoroute template

- if run locally (not streamlit) save all files, otherwise generate links and deploy on the website

b. National Orders

Interface

Select

Regular (daily)

☒ National orders (weekly)

This week number (e.g.: 16):

28

-

+

Year (e.g.: 2021):

2021

-

+

Which box type to not consider this week

Choose an option

Select "upcoming_nationals_" since last Wednesday

Drag and drop file here
Limit 200MB per file

Browse files

upcoming_nationals_CW...

57.9KB

Select "processed_nationals_" since last Wednesday

Drag and drop file here
Limit 200MB per file

Browse files

processed_nationals_C...

66.5KB

Warning: NumberInput value below has type int so is displayed as int despite format string %.0f.

Notice
The weekly script assumes that the processed days are from last Tuesday (Mon/Tue midnight) until Monday of the present week.
Duplicate entries (In the DPD file, only the one from "processed" is kept)

empty

[Download DPD_nationals_CW28 file](#)
[Download nationals_extra_items_PRINTABLE_CW28 file](#)

Made with Streamlit

Overview

Input

Week number

Year

Box type exclusion - on some weeks the box planning does not require to identify no pork (NP), glutenfrei (GF) or laktosefrei (LF) boxes. The exclusion function allows to avoid redundant information

Processed Nationals - contains new orders

Upcoming Nationals - contains recurring orders

Naming convention of files (not strict):

Processed: processed_nationals_CW<WEEK NUMBER>.csv

Upcoming: upcoming_nationals_CW<WEEK NUMBER>.csv

Output

- DPD file with processed and formatted data
- Extra items for Nationals printable version
- duplicates (just for a quick check, if the same order occurs in both processed and upcoming then the system **keeps both** and one needs to be removed manually, this can be easily adjusted to only keep one by changing the input parameter policy to "keep_processed" - talk to dev if desired)

Under the hood

Processed

- load processed file
- filter column `charge type` for `Subscription First Order` only
- rename the following columns (they differ from the upcoming file):
 - "charged date" to "charge date"
 - "total amount" to "amount"
 - "line_item_properties" to "line item properties"

Upcoming

- load file

After merge

- rename box type (e.g VEGGIE -> VG; add extra items count, etc)
- process extra items and generate report
- remove extra items for local orders
- check for duplicates and report
- extract address and house number (the DPD master file requires house numbers in a separate column)
- create DPD file based on template
- rename box types for DPD labels (only VEGGIE/VEGAN/OMNIVORE)