

TransitAnalyst flows

Release 1.0

March 2019

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Processing flows for Rev 1.0 products

	Setup processing doc	Setup product ion doc	Process flow script	config file init	Service date	Python processing	TTM graph processing	Web client hosted on	TTM server on
Monthly auto update on AWS EC2 and S3	aws	aws	auto_aws	auto_aws	auto	AWS EC2	AWS EC2	AWS S3	AWS EC2
Monthly auto update on local pc	local	local	auto_local	auto_local	auto	Local PC	Local PC	Local PC	Local PC
On demand date on AWS EC2 and S3	aws	aws	demand_aws	demand_aws	On demand	AWS EC2	AWS EC2	AWS S3	AWS EC2
On demand date on S3 only (no TTM)	local	aws_s3	demand_local	demand_local_nottm_awshost	On demand	Local PC	none	AWS S3	none
On demand date on local pc	local	local	demand_local	demand_local	On demand	Local PC	Local PC	Local PC	Local PC
On demand date on local pc no TTM	local	local	demand_local	demand_local_nottm_localhost	On demand	Local PC	none	Local PC	none

products

- Monthly auto update on AWS EC2 and S3
- Monthly auto update on local pc
- On demand date on AWS EC2 and S3
- On demand date on S3 only (no TTM)
- On demand date on local pc
- On demand date on local pc no TTM

Monthly auto update on AWS EC2 and S3

Monthly auto update on local pc

On demand date on AWS EC2 and S3

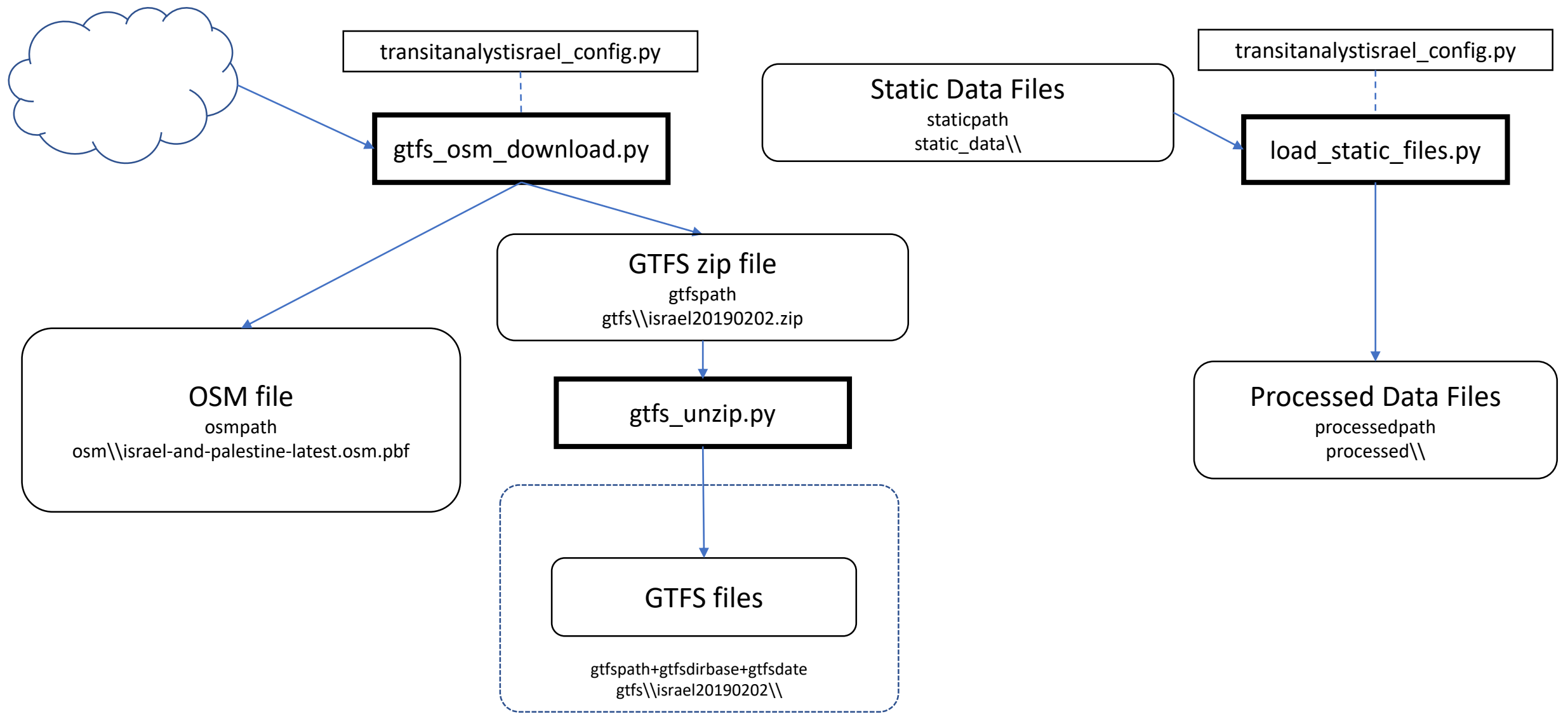
On demand date on S3 only (no TTM)

On demand date on local pc

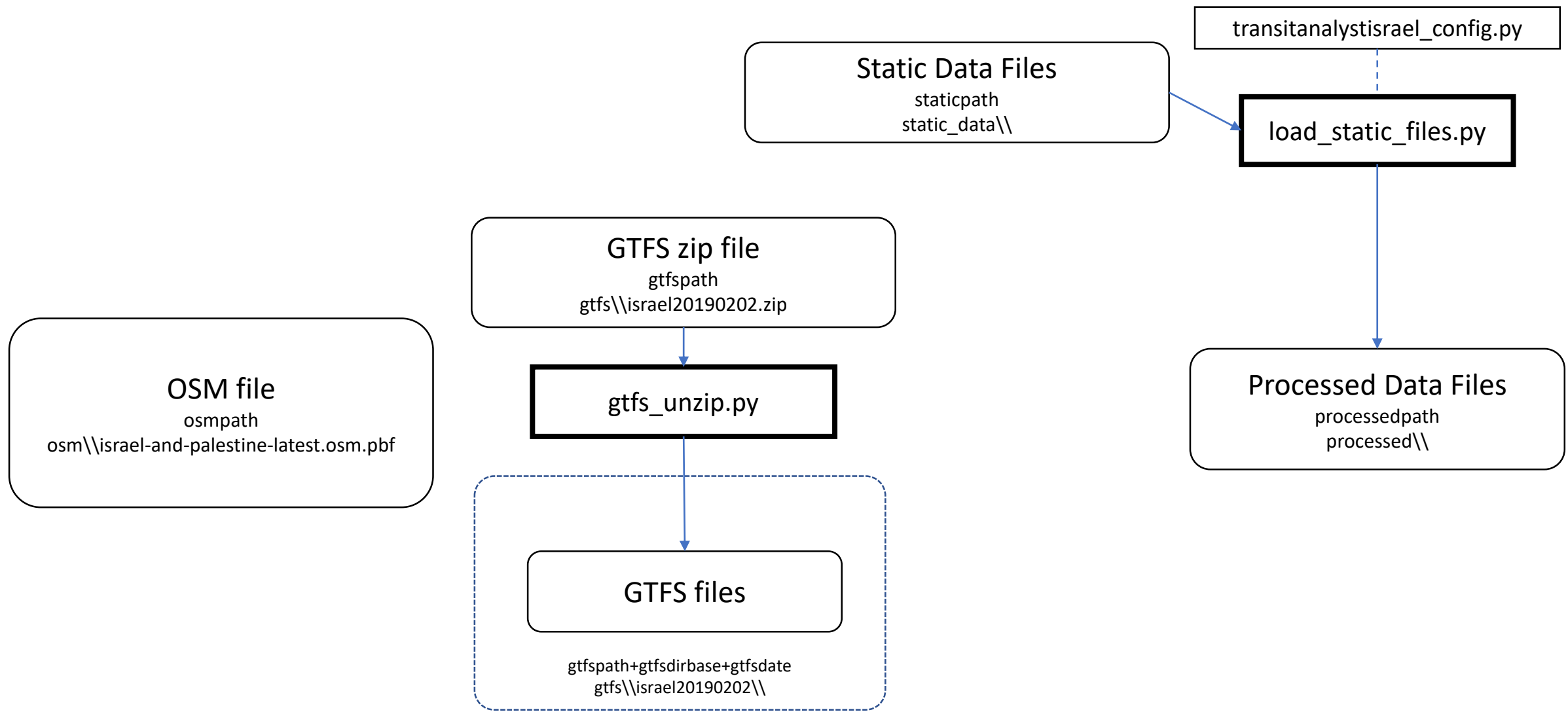
On demand date on local pc no TTM

Monthly auto update on AWS EC2 and S3

Monthly auto update on local pc

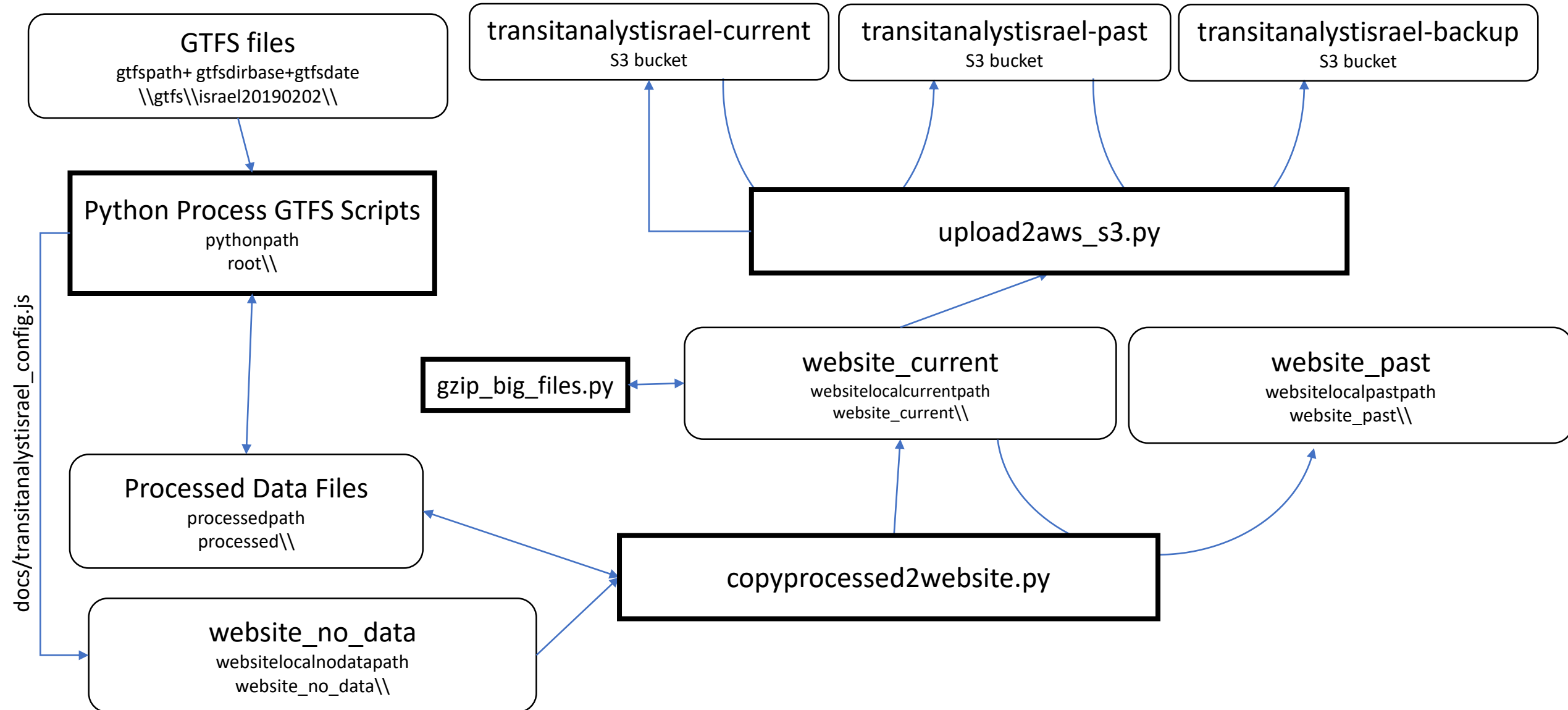


On demand date on AWS EC2 and S3
On demand date on S3 only (no TTM)
On demand date on local pc
On demand date on local pc no TTM



Flow between directories

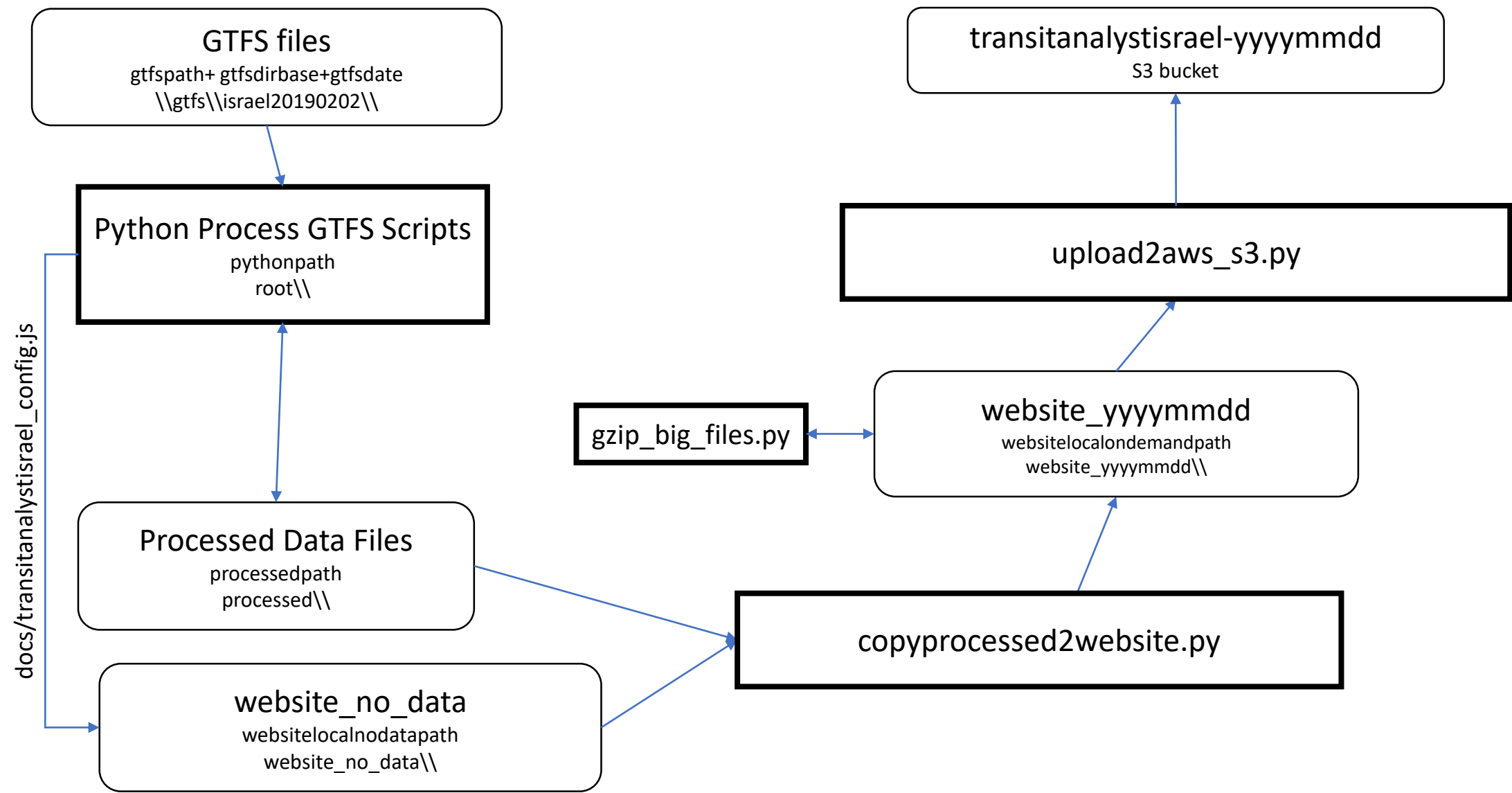
Monthly auto update on AWS EC2 and S3



Flow between directories

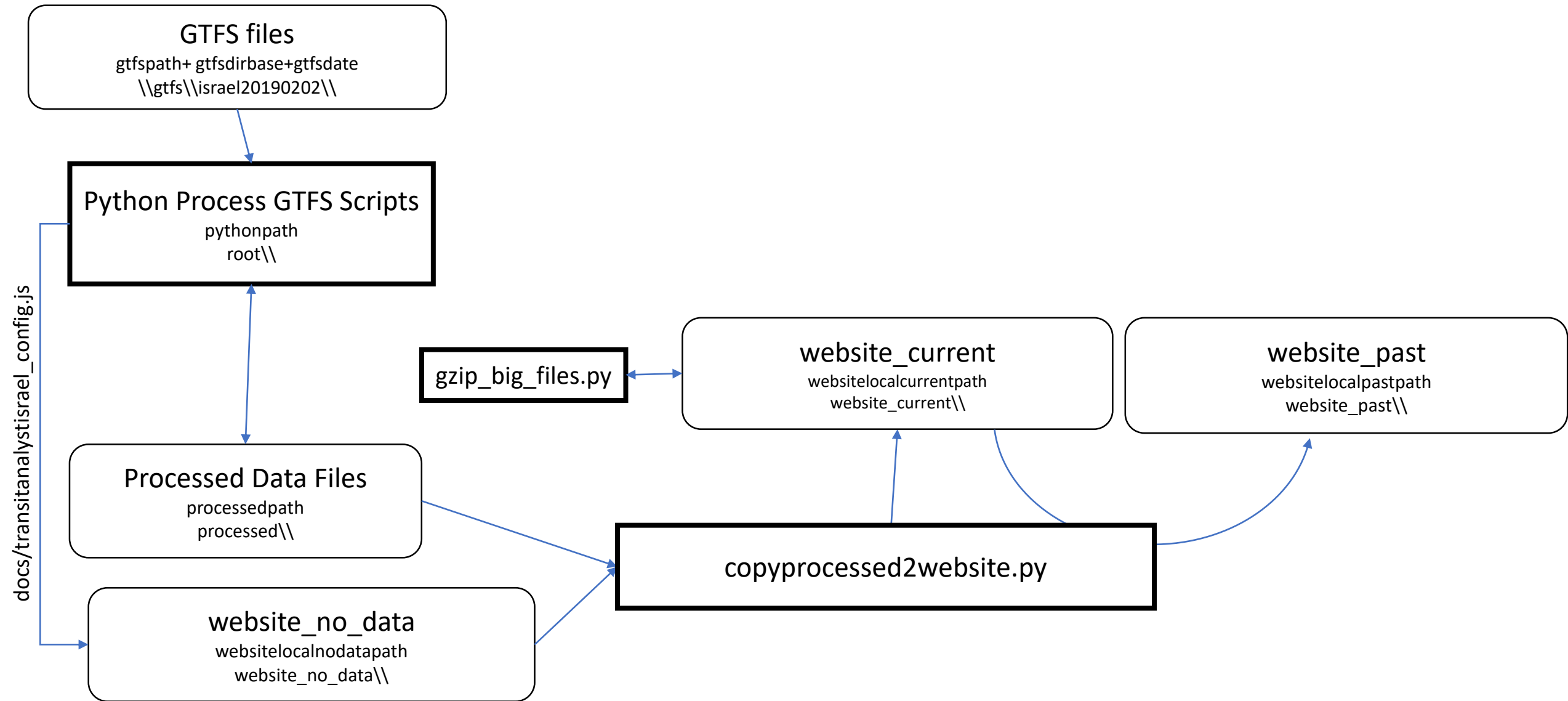
On demand date on AWS EC2 and S3

On demand date on S3 only (no TTM)



Flow between directories

Monthly auto update on local pc
On demand date on local pc
On demand date on local pc no TTM



all Python Scripts in transitanalystisrael_v1.py

transitanalystisrael_config.py

gtfs_osm_download.py
gtfs_unzip.py
load_static_files.py

gtfs_preprocessing.py

transitscore_israel.py
muni_scores.py
high_freq_lines_israel.py
lines_on_street.py
tpd_at_stops_israel.py
stops_in_muni_pre_edit.py
stops_in_muni_pre2post_edit
tpd_in_muni_per_line.py
stops_near_trainstops_pre_edit.py
trainstopautoeditpre2post_v1
tpd_near_trainstops_per_line.py

config_py2js
copyprocessed2website.py
gzip_big_files.py
upload2aws_s3.py

navitia_update.py

“Static Files”

Initial State of Processed Data Dir

rgb_color.txt

israel_city_boarders.geojson
israel_town_boarders.geojson

auto_dates_to_process.json

muni_names.txt

muni_pop2016_built-area2013.csv

stopsneartrainstop_pre_edit_20181021.txt

stopsneartrainstop_post_edit_20181021.txt

website_no_data

- <DIR> css
- <DIR> dist
- <DIR> docs
- <DIR> lines_on_street
- <DIR> line_freq
- <DIR> muni_fairsharescore
- <DIR> muni_score_lists_and_charts
- <DIR> muni_tpd_per_line
- <DIR> muni_transitscore
- <DIR> stops_near_trainstops_editor
- <DIR> tpd_at_stops_per_line
- <DIR> tpd_near_trainstops_per_line
- <DIR> transitscore
- <DIR> transit_time_map
- index.html
- indexe.html
- indexh.html

Process GTFS Python Scripts in transitanalystisrael_v1.py

transitanalystisrael_config.py

gtfs_preprocessing.py

transitscore_israel.py

muni_scores.py

high_freq_lines_israel.py

lines_on_street.py

tpd_at_stops_israel.py

stops_in_muni_pre_edit.py

stops_in_muni_pre2post_edit

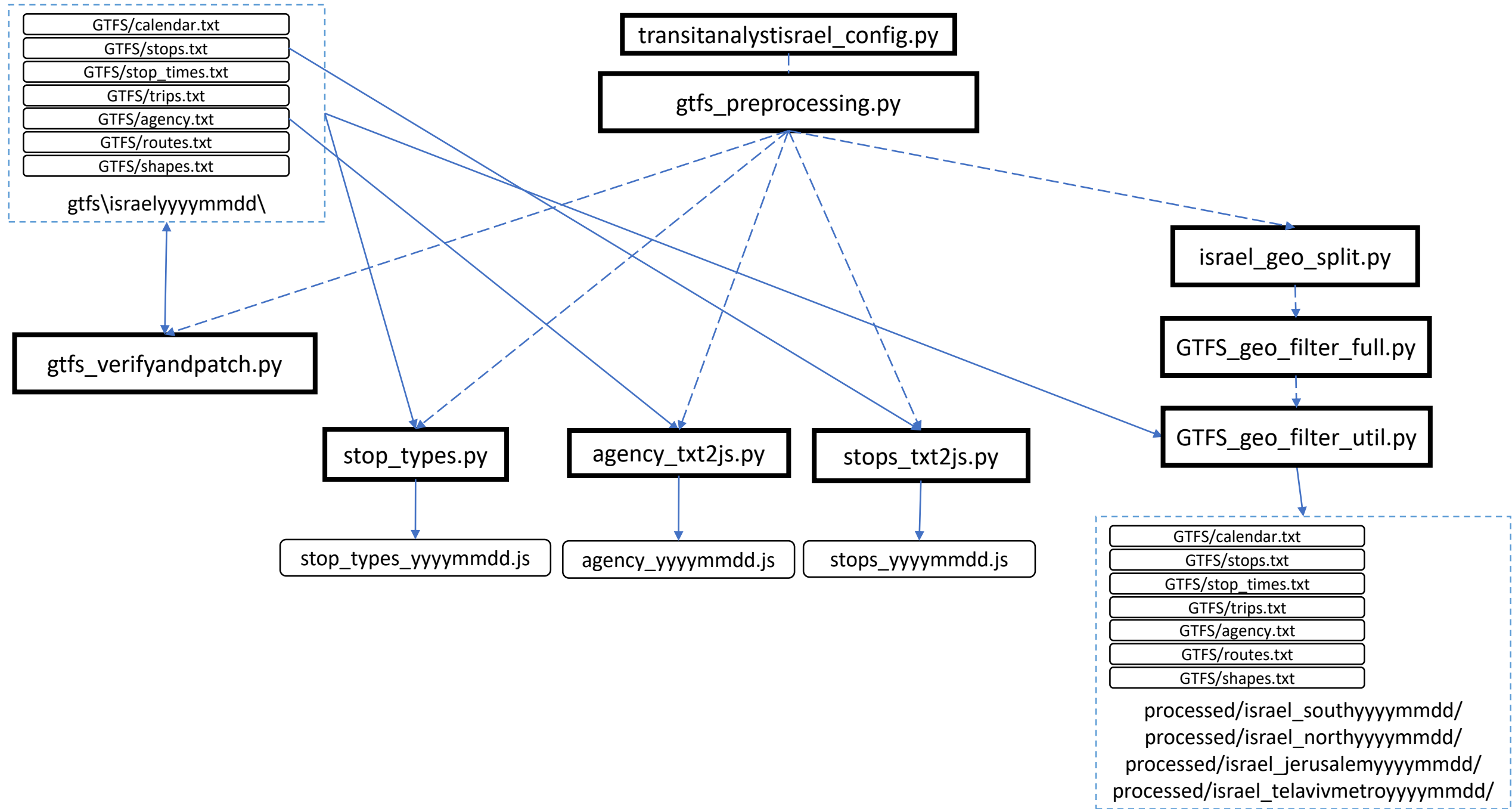
tpd_in_muni_per_line.py

stops_near_trainstops_pre_edit.py

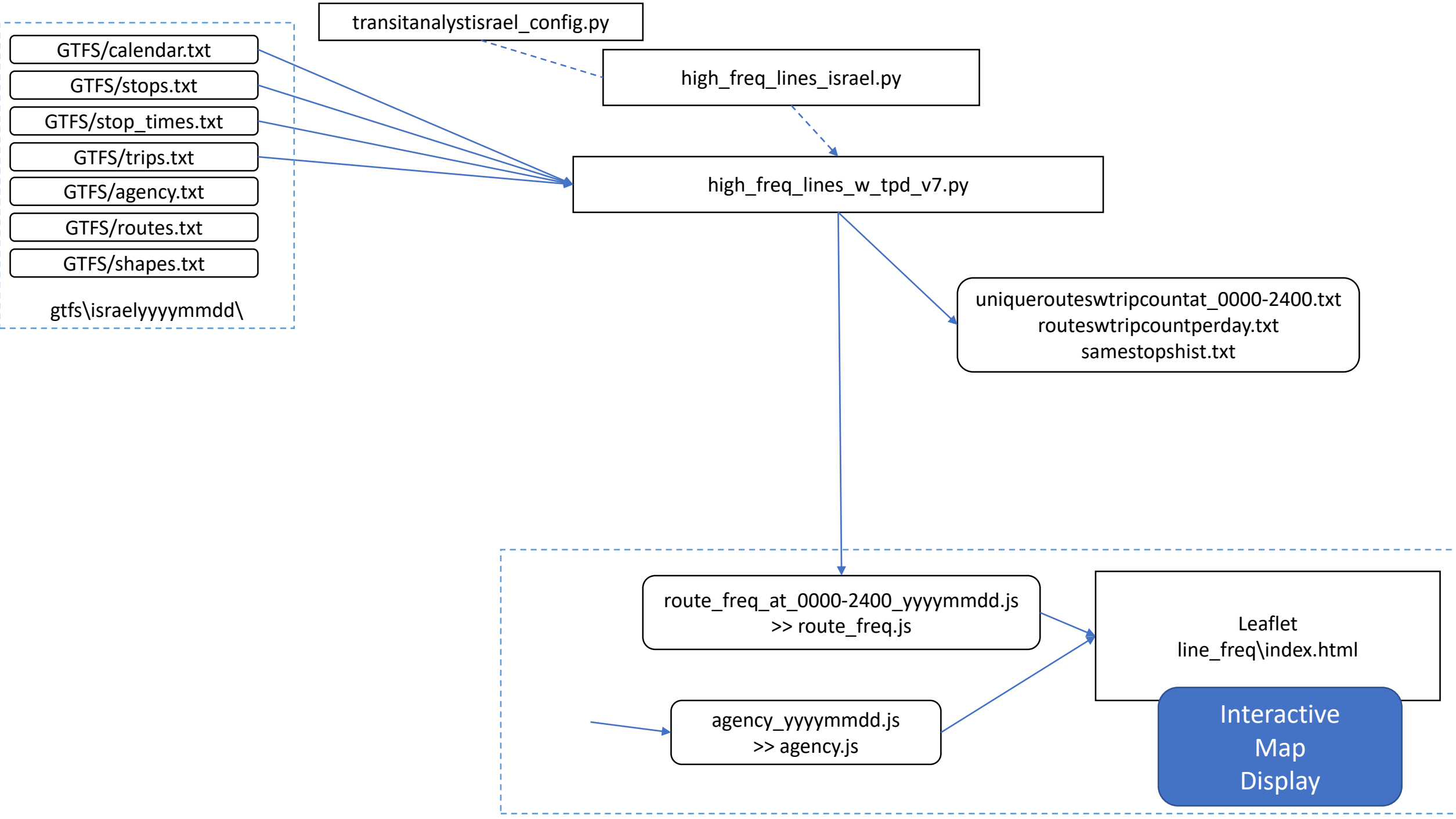
trainstopautoeditpre2post_v1

tpd_near_trainstops_per_line.py

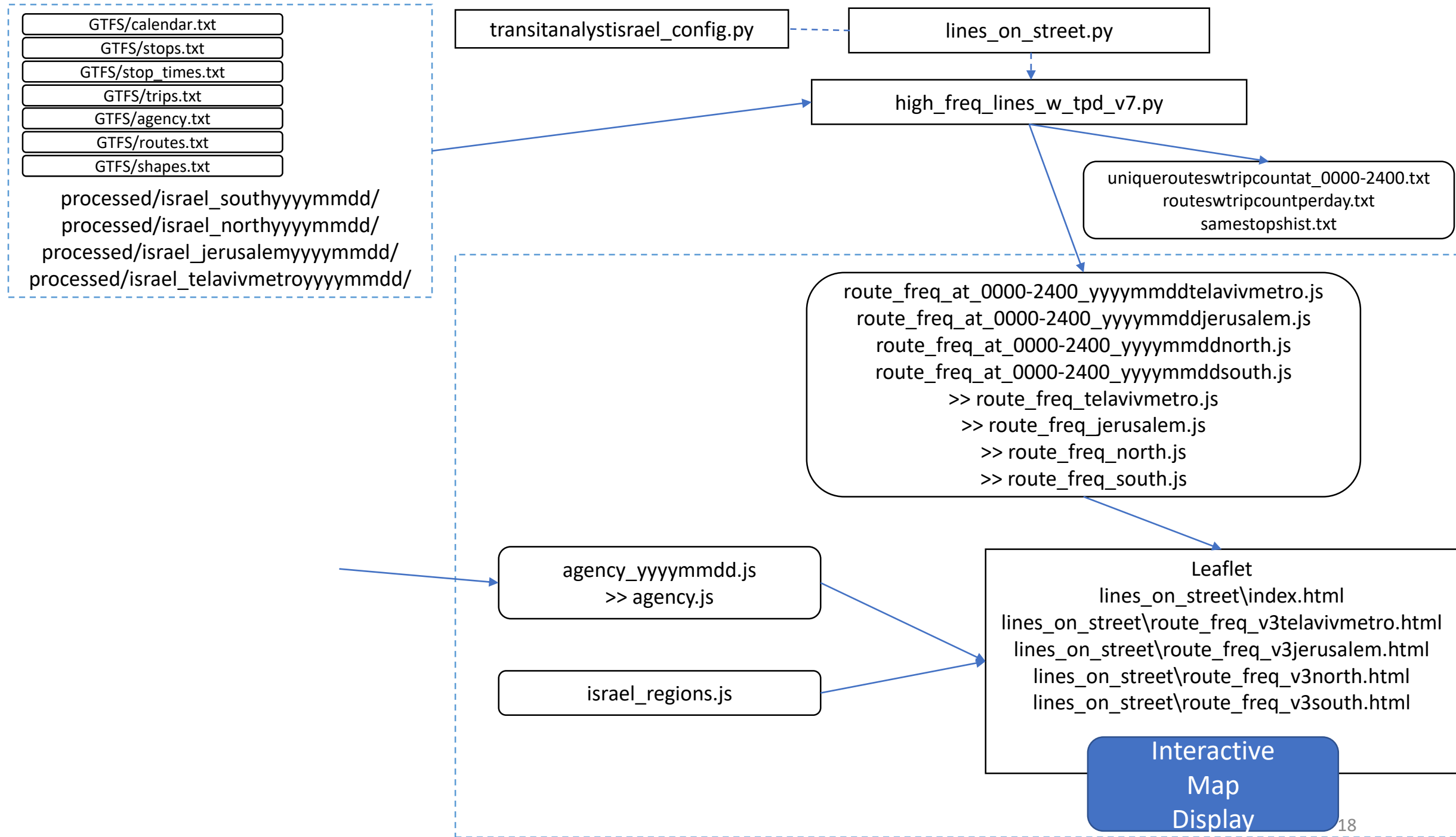
gtfs_preprocessing



line_freq



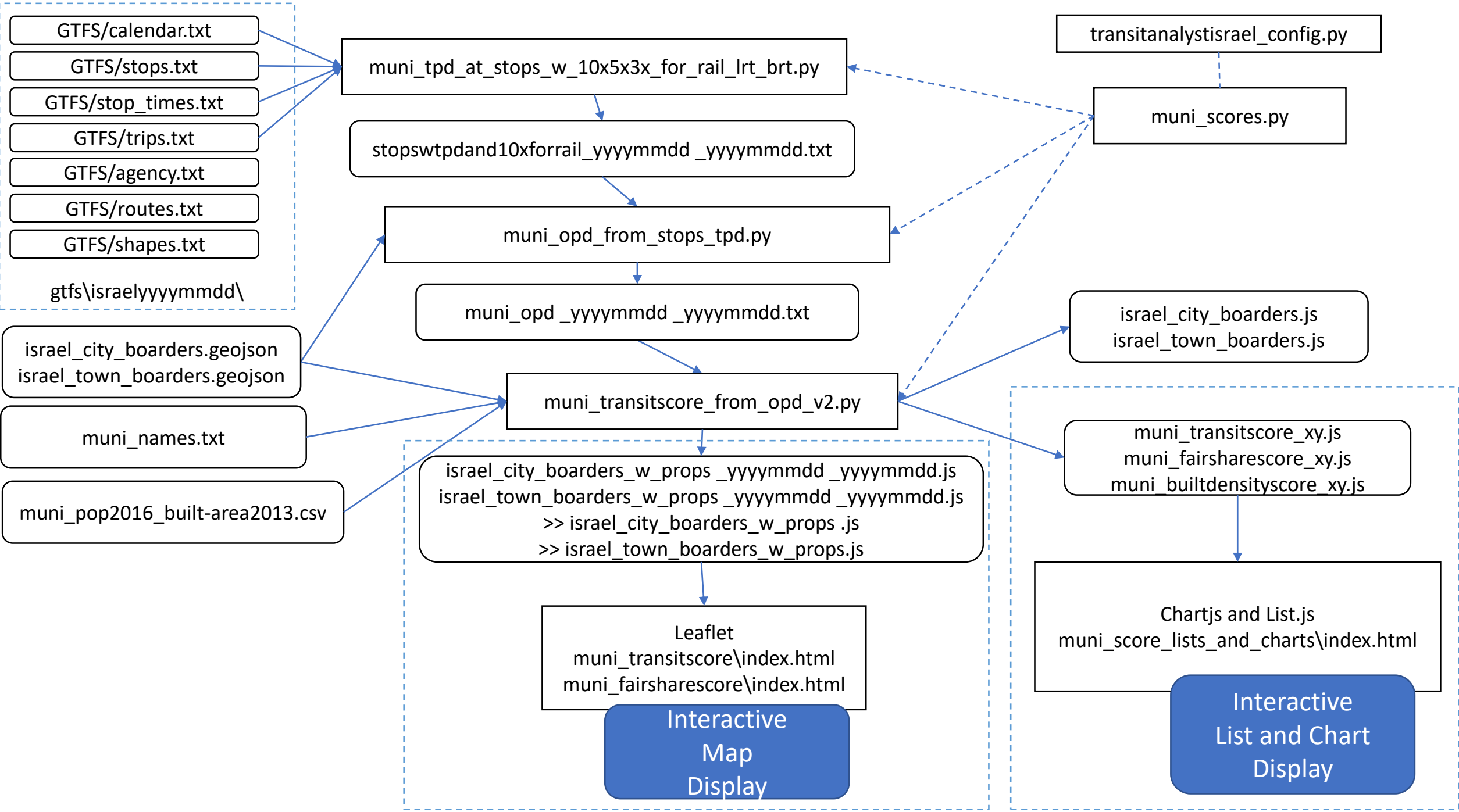
lines_on_street



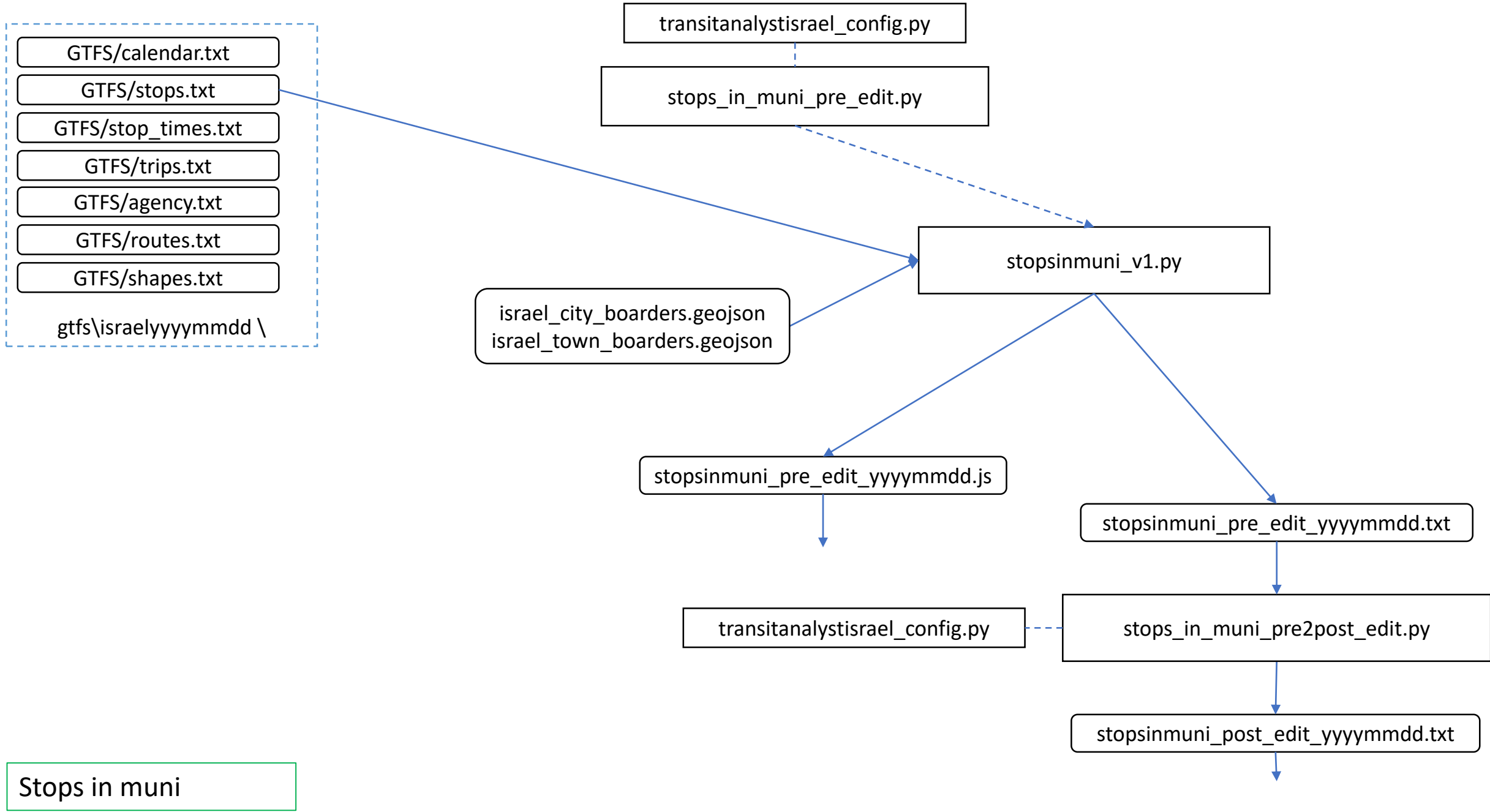
muni_transitscore

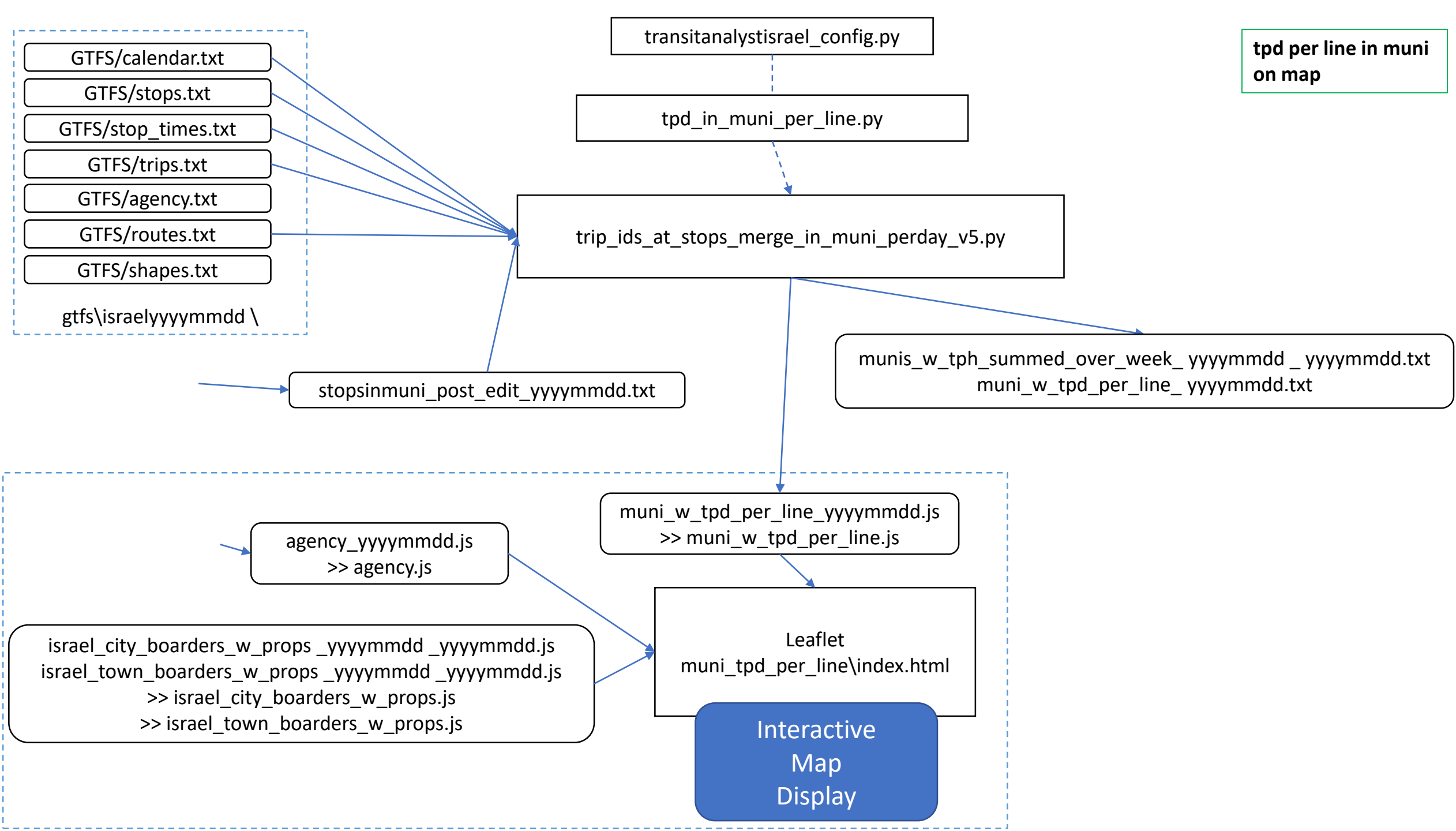
muni_fairsharescore

muni_score_lists_and_charts

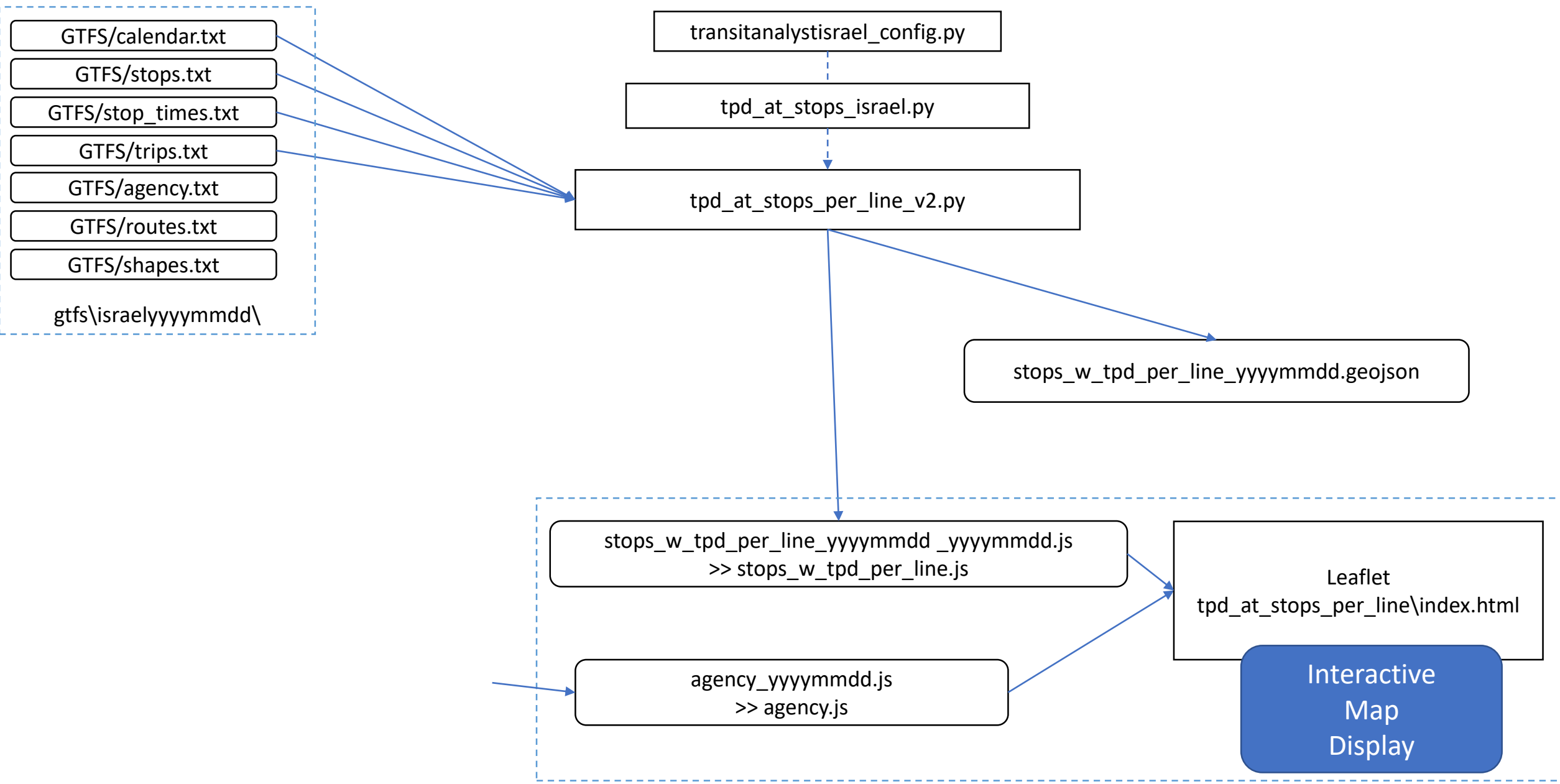


muni_tpd_per_line

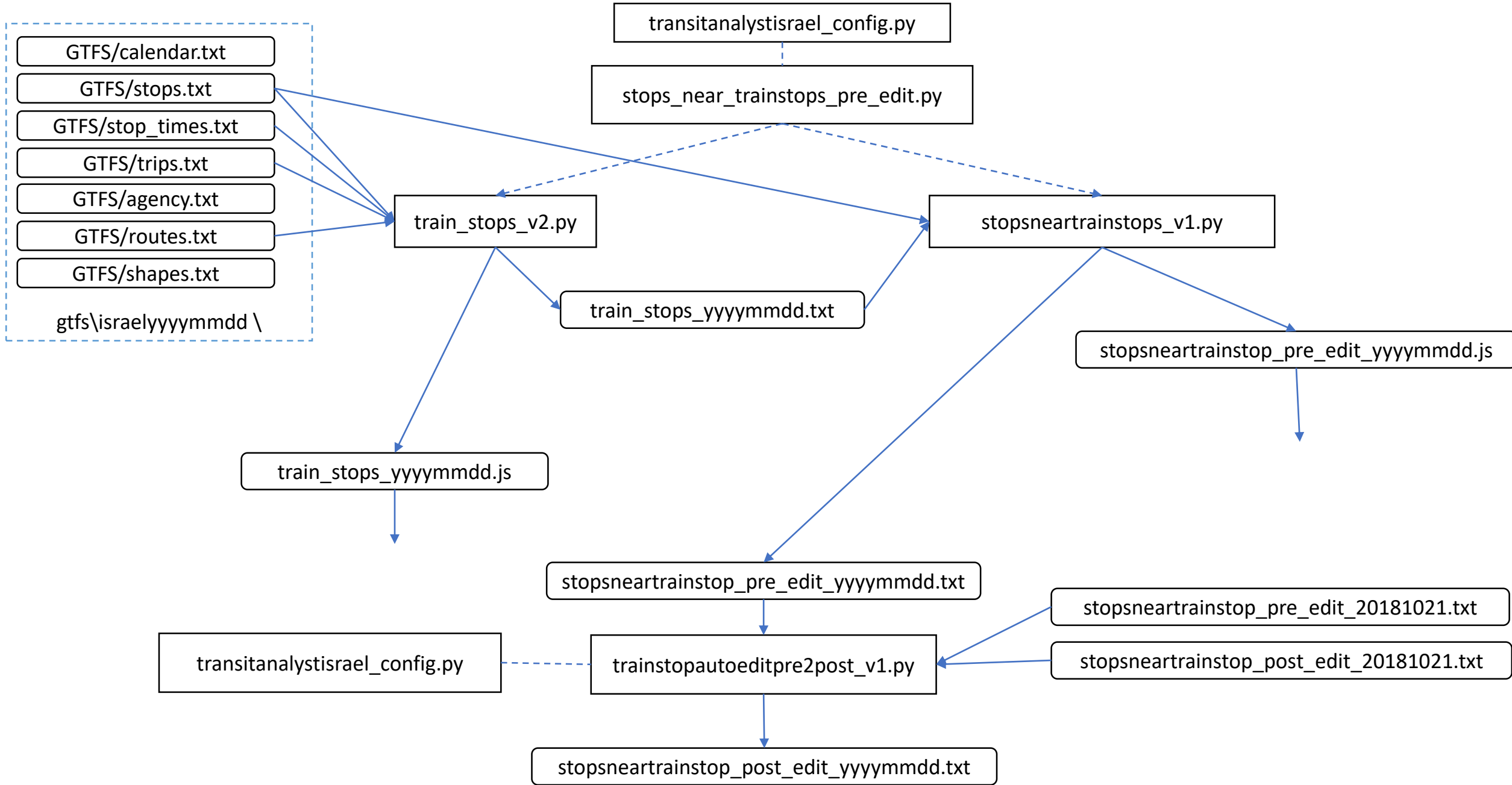


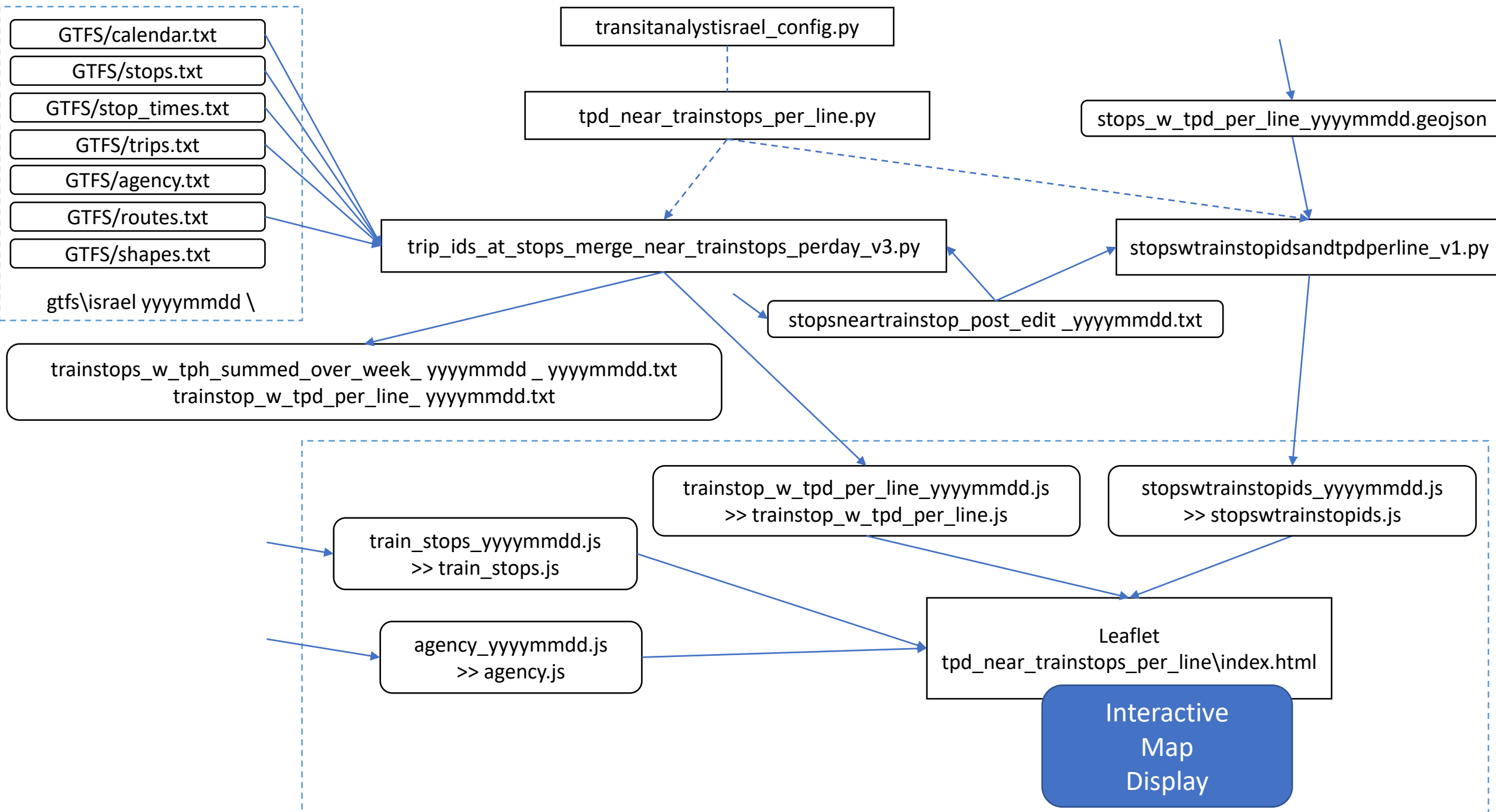


tpd_at_stops_per_line



tpd_near_trainstops_per_line

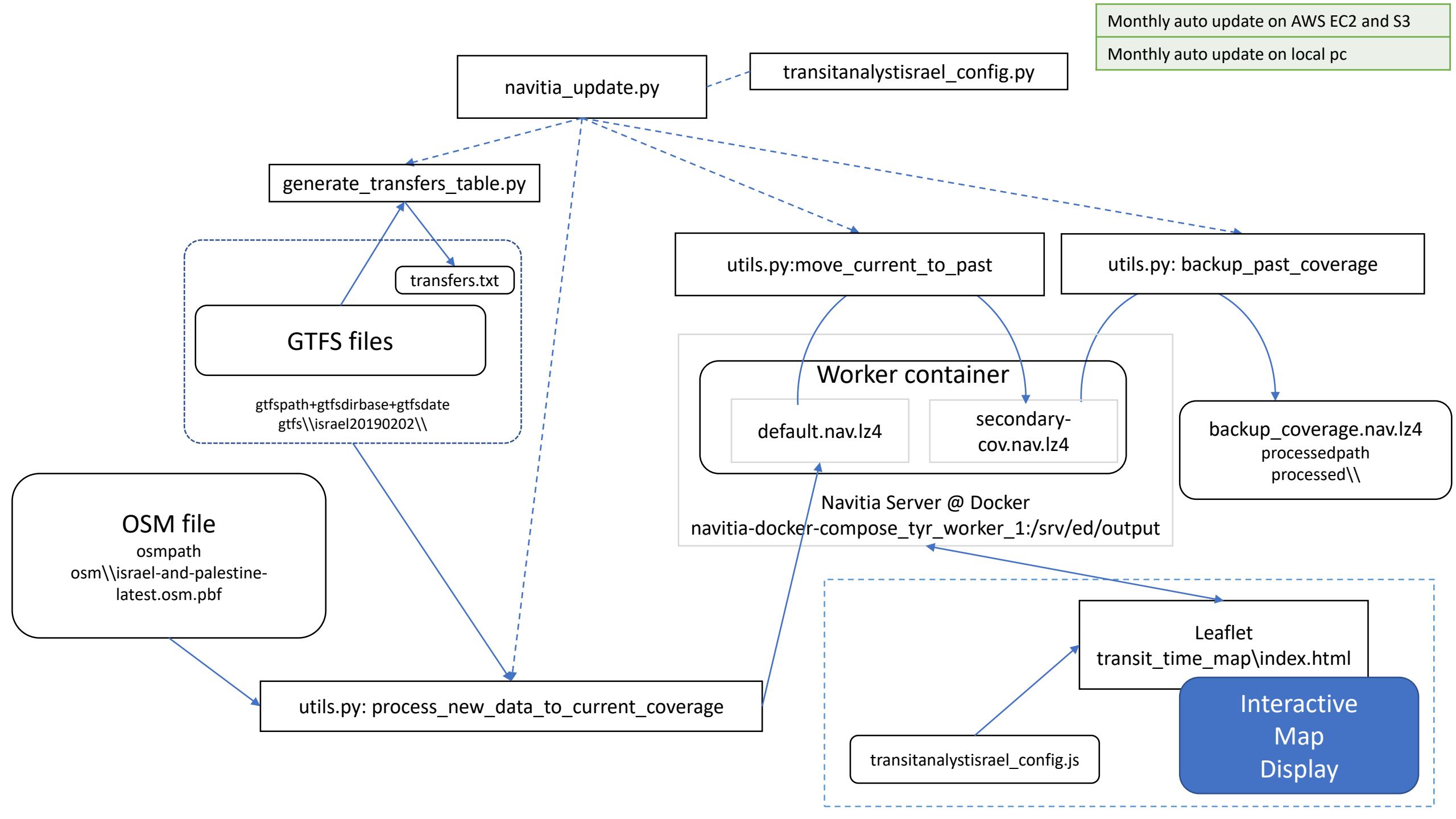




transit_time_map

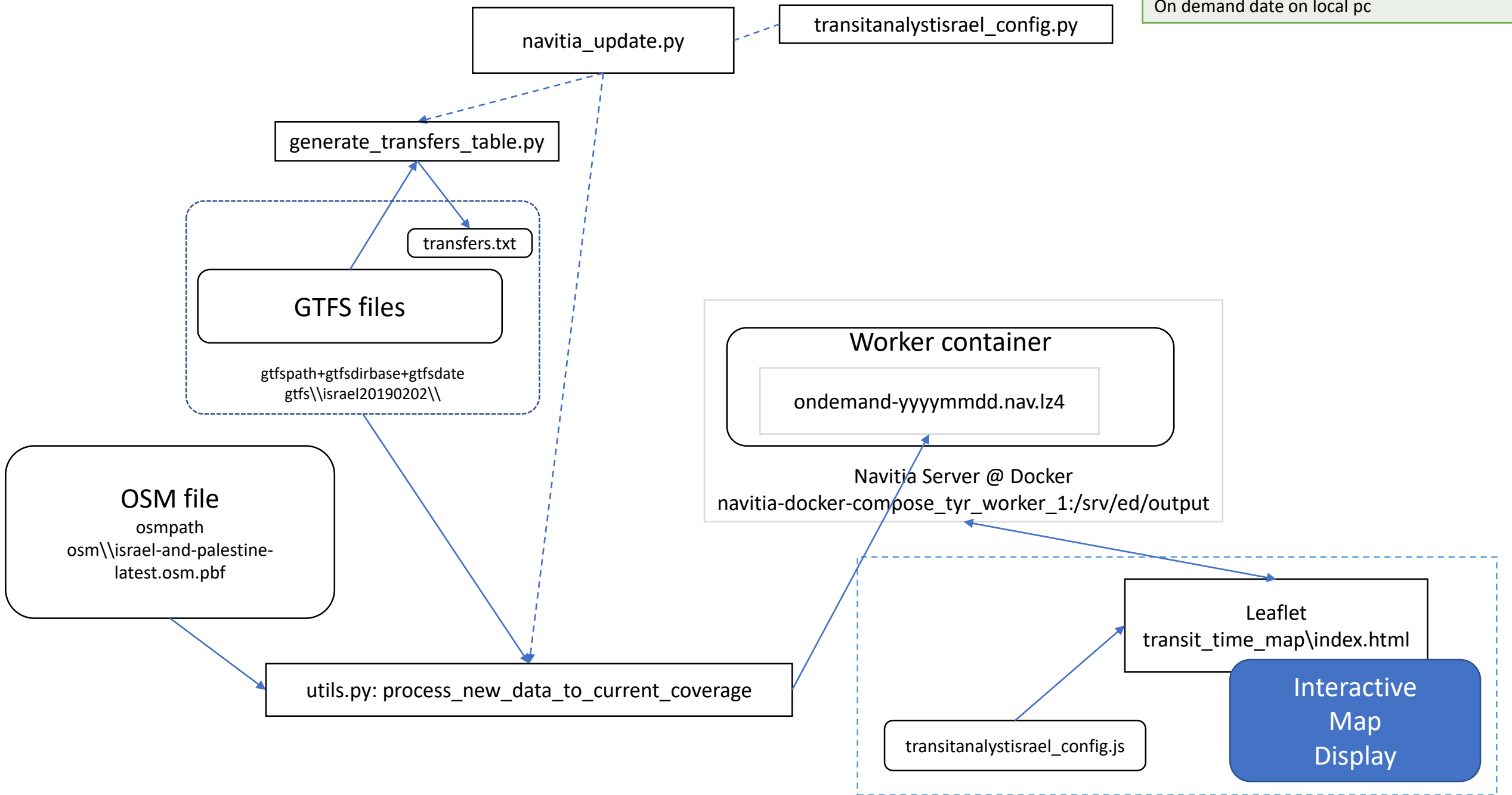
Monthly auto update on AWS EC2 and S3

Monthly auto update on local pc



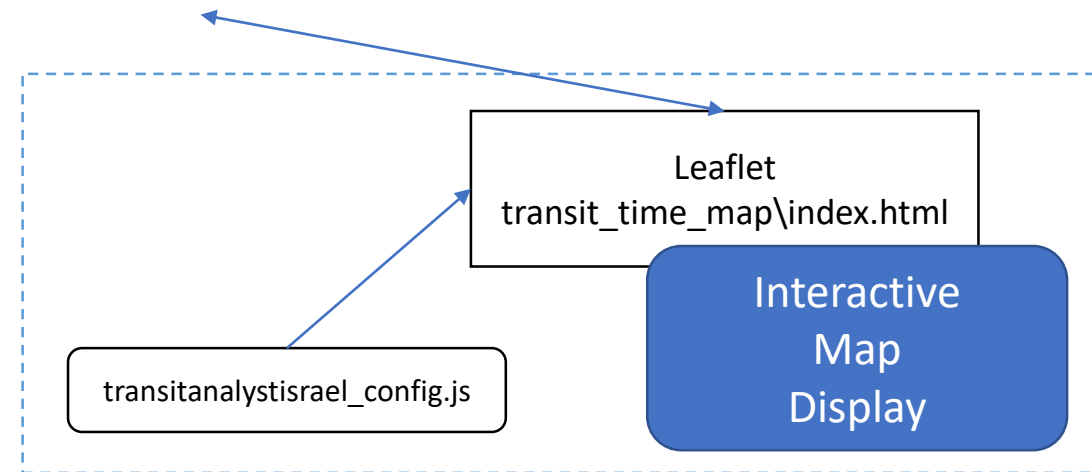
On demand date on AWS EC2 and S3

On demand date on local pc

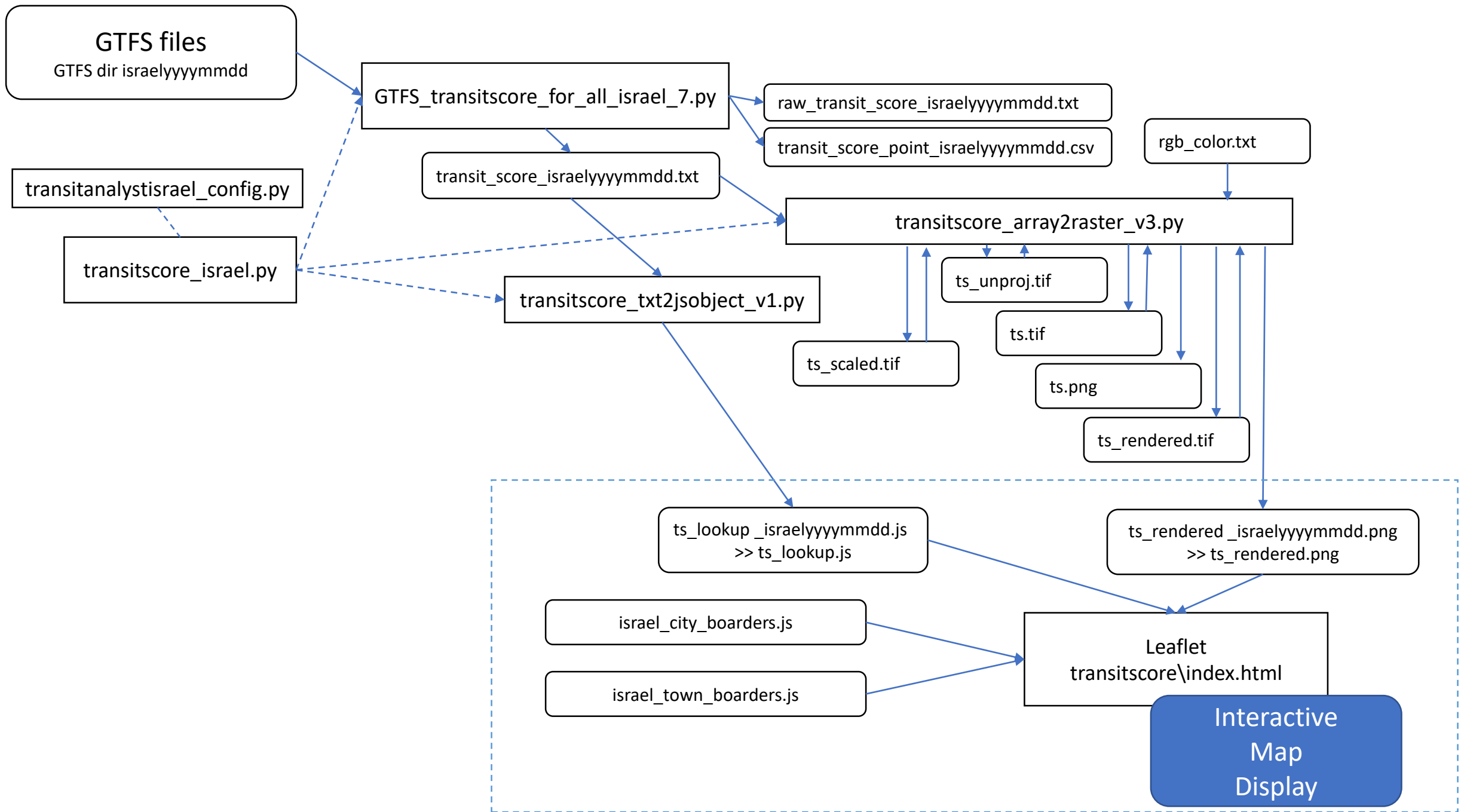


On demand date on S3 only (no TTM)

On demand date on local pc no TTM



transitscore

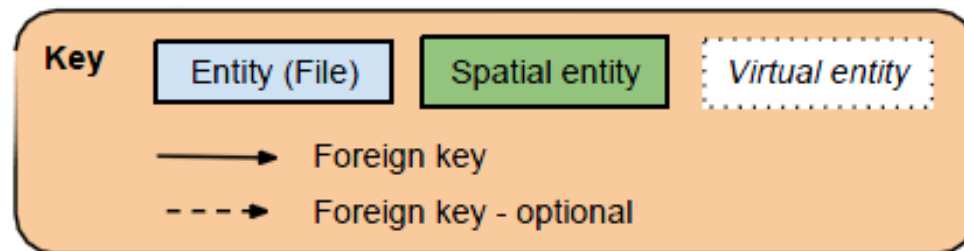
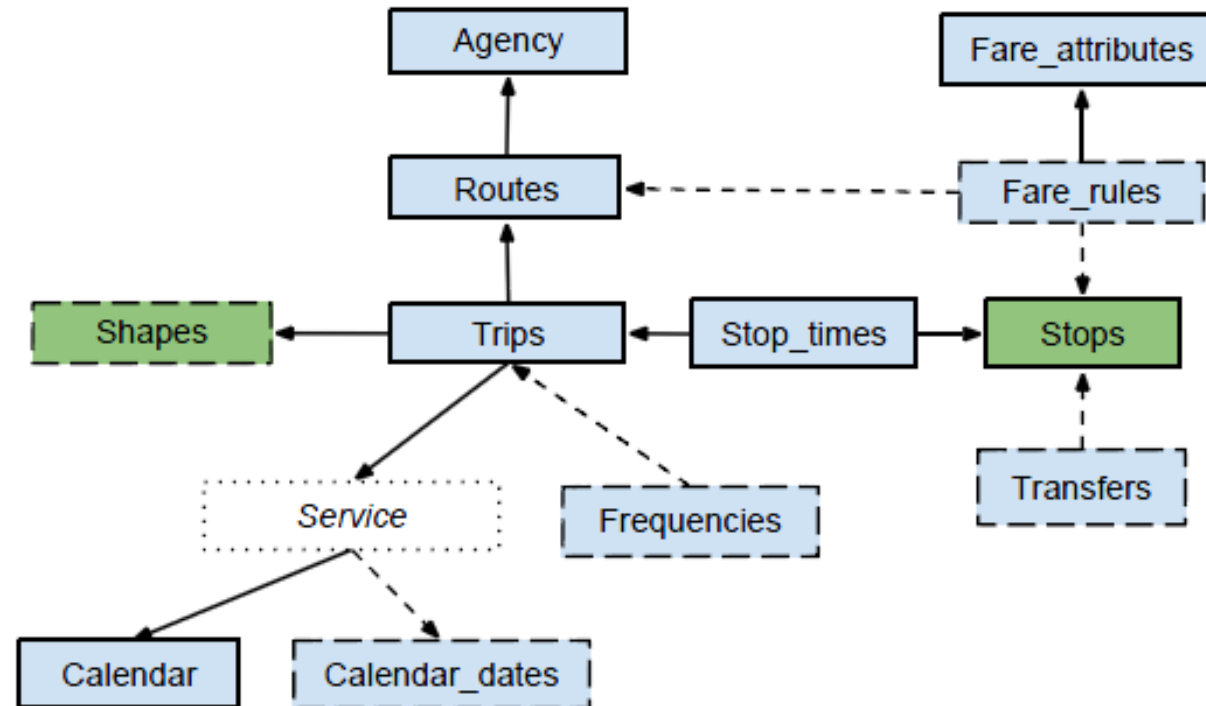


TransitAnalyst flows

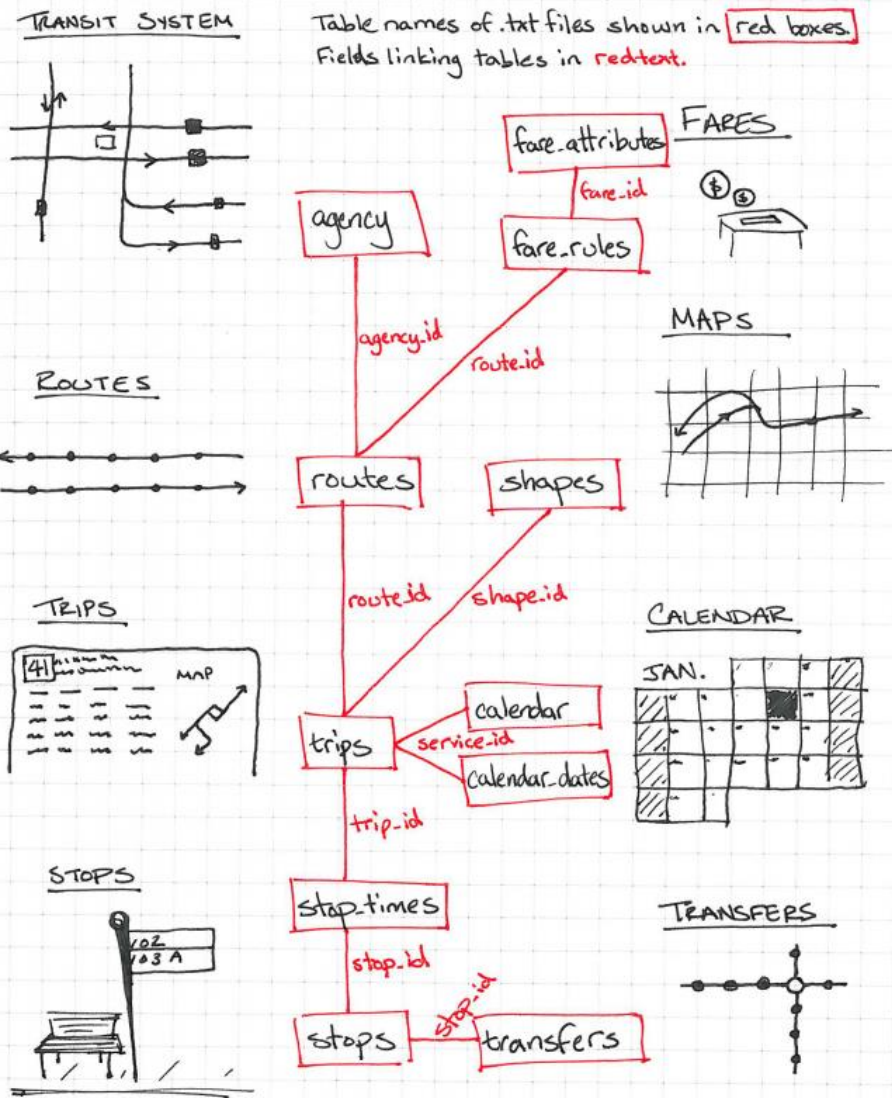
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GTFS Files



A Guide to the GENERAL TRANSIT FEED SPECIFICATION



Not shown: feed.info.txt, frequencies.txt

Fields Linking GTFS Files