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GTFS entities

GTFS entities.

These are the entities returned by the various `pygtfs.schedule` lists. Most of the attributes come directly from the gtfs reference. Also, when possible relations are taken into account, e.g. a `Route` class has a *trips* attribute, with a list of trips for the specific route.

class `pygtfs.gtfs_entities.Agency`(***kwargs*)

   `agency_fare_url`

   `agency_id`

   `agency_lang`

   `agency_name`

   `agency_phone`

   `agency_timezone`

   `agency_url`

   `feed_id`

id

routes

---

class `pygtfs.gtfs_entities.Fare`(***kwargs*)

currency_type

fare_id

feed_id

id

payment_method

price

transfer_duration

transfers

---

class `pygtfs.gtfs_entities.FareRule`(***kwargs*)

contains_id

destination_id

fare_id

feed_id

origin_id

route_id

---

class **pygtfs.gtfs_entities.Feed**(***kwargs*)

agencies

fare_rules

fares

feed_append_date

feed_id

feed_name

feedinfo

frequencies

id

routes

service_exceptions

services

shape_points

stop_times

stops

transfers

trips

class `pygtfs.gtfs_entities.FeedInfo`(***kwargs*)

feed_end_date

feed_id

feed_lang

feed_publisher_name

feed_publisher_url

feed_start_date

feed_version

class `pygtfs.gtfs_entities.Frequency`(***kwargs*)

end_time

exact_times

feed_id

headway_secs

start_time

trip_id

class **pygtfs.gtfs_entities.Route**(***kwargs*)

agency_id

fare_rules

feed_id

id

route_color

route_desc

route_id

route_long_name

route_short_name

route_text_color

route_type

route_url

trips

---

class **pygtfs.gtfs_entities.Service**(***kwargs*)

end_date

feed_id

friday

id

monday

saturday

service_id

start_date

sunday

thursday

trips

tuesday

wednesday

---

class **pygtfs.gtfs_entities.ServiceException**(***kwargs*)

date

exception_type

feed_id

id

service_id

---

class **pygtfs.gtfs_entities.ShapePoint**(***kwargs*)

feed_id

shape_dist_traveled

shape_id

shape_pt_lat

shape_pt_lon

shape_pt_sequence

trips

---

class **pygtfs.gtfs_entities.Stop**(***kwargs*)

feed_id

id

location_type

parent_station

stop_code

stop_desc

stop_id

stop_lat

stop_lon

stop_name

stop_times

stop_timezone

stop_url

transfers_from

transfers_to

wheelchair_boarding

zone_id

---

class **pygtfs.gtfs_entities.StopTime**(***kwargs*)

arrival_time

departure_time

drop_off_type

feed_id

pickup_type

shape_dist_traveled

stop_headsign

stop_id

> **stop_sequence**

> **trip_id**

---

class **pygtfs.gtfs_entities.Transfer**(***kwargs*)

> **feed_id**

> **from_stop_id**

> **min_transfer_time**

> **to_stop_id**

> **transfer_type**

---

class **pygtfs.gtfs_entities.Trip**(***kwargs*)

> **block_id**

> **direction_id**

> **feed_id**

> **frequencies**

> **id**

> **route_id**

service_id

shape_id

stop_times

trip_headsign

trip_id

trip_short_name

wheelchair_accessible

`pygtfs.gtfs_entities.create_foreign_keys`(*key_names*)

Create foreign key constraints, always including feed_id, and relying on convention that key name is the same