PERFORMANCE DATAHUB

datahub_alltocs schema

service_header

Schema: datahub_alltocs

One record per train service, containing numerous header columns describing the service

bg_service
bg_train_id,
bg_headcode,
bg_toc,
bg_train_class,
bg_jdate,
bg_time_origin,
bg_time_dest,
bg_profctr_tsdb,
bg_stanme_origin,
bg_stanme_dest,
bg_punct_origin,
bg_punct_term,
bg_applicable,
bg_righttime,
dh_righttime,
dh_punct_working_mins,
dh_punct_working_secs,
dh_counter,
bg_canx_full,
bg_canx_part,
bg_activity_fts,
bg_activity_pine,
bg_activity_cape,
bg_activity_calv,
bg_direction,
bg_peak,
dh_ppm5,
dh_ppm10,
dh_casl,
dh_part_canx_text,
dh_canx_status

timings

Schema: datahub_alltocs

One record per timing point, columns describe locations and times

bg_service,
bg_jdate,
bg_stanme_location,
bg_activity_plan,
bg_activity_act,
bg_time_public,
bg_time_working,
bg_time_actual,
bg_public_var,
bg_working_var,
bg_recov_time,
bg_direction,
bg_peak,
bg_location_seq,
bg_hour_actual,
bg_hour_working,
bg_hour_public,
bg_sequence,
bg_canx_full,
bg_canx_part,
bg_timestamp_working,
bg_timestamp_actual,
bg_timestamp_public,
bg_righttime,
bg_toc,
td_timestamp,
td_timestamp_inc_offset,
td_time,
td_time_inc_offset,
td_area_id,
td_berth_from,
td_berth_to,
td_msg_type,
tm_stanox_location,
tm_stanox_next,
sm_berth_offset,
tm_headcode10,
tm_serv_code,
tm_event_type,
tm_timestamp_working,
tm_timestamp_actual,
tm_punct,
tm_mon_point,
tm_platform,
tm_line_ind,
tm_punct_summary,
tm_direction,
tm_route,
tm_activty_plan,
tm_sched_source,
tm_tspeed,
tm_timestamp_activation,
tm_uid,
tm_sched_type,
tm_stanox_origin,
fr_train_service_key,
fr_stp_indicator,
fr_train_category,
fr_portion_number,
fr_assembly_type,
fr_fleet_class,
fr_assemblies,
fr_diagrams,
fr_assembly_count,
fr_vehicle_count,
fr_portion_start_location,
fr_portion_end_location,
fr_portion_start_time,
fr_portion_end_time,
fr_consist_length,
gp_stock_id,
gp_timestamp,
gp_lat,
gp_lon,
gp_notification_type,
gp_message,
gp_distance_from_location,
gp_loc_tiploc,
gp_loc_stanme,
gp_loc_stanox,
dh_timestamp_best_source,
dh_timestamp_best,
dh_time_best,
dh_punct_working_mins,
dh_punct_working_secs,
dh_punct_public_mins,
dh_punct_public_secs,
dh_punct_working_summary,
dh_punct_public_summary,
dh_righttime,
dh_timepoint_counter,
gp_gps_source,
gp_gps_device,
gp_assembly,
gp_vehicle,
gp_stopstart,
dh_timestamp_working

vintervals

Schema: datahub_alltocs

One record per timing point, but each interval describes the section or dwell from the previous timing point into the next timing point. Named vintervals, as the table also contains virtual intervals, which can span many intervals, where the actual times of the interim intervals are unknown

bg_service,
bg_toc,
bg_jdate,
fr_train_service_key,
fr_stp_indicator,
fr_train_category,
fr_portion_number,
fr_assembly_type,
fr_fleet_class,
fr_assemblies,
fr_diagrams,
fr_assembly_count,
fr_vehicle_count,
fr_portion_start_location,
fr_portion_end_location,
fr_portion_start_time,
fr_portion_end_time,
fr_consist_length,
i_start_bg_location_seq,
i_end_bg_location_seq,
i_start_bg_stanme_location,
i_end_bg_stanme_location,
i_start_tm_platform,
i_end_tm_platform,
i_start_dh_timestamp_best,
i_end_dh_timestamp_best,
i_start_delay_secs,
i_end_delay_secs,
i_start_bg_timestamp_working,
i_end_bg_timestamp_working,
i_start_bg_activity_act,
i_end_bg_activity_act,
i_start_bg_activity_plan,
i_end_bg_activity_plan,
i_start_dh_timestamp_working,
i_end_dh_timestamp_working,
i_start_bg_timestamp_public,
i_end_bg_timestamp_public,
i_start_dh_timestamp_best_source,
i_end_dh_timestamp_best_source,
i_start_dh_timestamp_gps_source,
i_end_dh_timestamp_gps_source,
i_dh_elapsed_actual_seconds_delta,
i_dh_elapsed_working_seconds_delta,
i_start_dh_punct_working_secs,
i_end_dh_punct_working_secs,
i_interval_type,
i_dh_elapsed_actual_secs_excl_early,
i_dh_elapsed_plan_secs_pub_dep,
i_dh_dwell_overtime,
i_delay_delta,
i_interval_short_description,
i_interval_description,
i_actual_flag,
vi_start_bg_location_seq,
vi_end_bg_location_seq,
vi_start_bg_stanme_location,
vi_end_bg_stanme_location,
vi_start_tm_platform,
vi_end_tm_platform,
vi_start_bg_activity_act,
vi_end_bg_activity_act,
vi_start_bg_activity_plan,
vi_end_bg_activity_plan,
vi_start_dh_timestamp_best,
vi_end_dh_timestamp_best,
vi_start_dh_timestamp_best_source,
vi_end_dh_timestamp_best_source,
vi_start_dh_timestamp_gps_source,
vi_end_dh_timestamp_gps_source,
vi_start_delay_secs,
vi_end_delay_secs,
vi_delay_delta,
vi_dh_elapsed_actual_seconds_delta,
vi_stock_valid,
vi_interval_type,
vi_interval_short_description,
vi_interval_unique_record

vintervals_gps

Schema: datahub_alltocs

GPS records mapped to vintervals. Each record describes GPS coordinates and times, with interval columns to match to the relevant interval of the service

service_header - bg_service
intervals - bg_service, bg_location_seq

bg_service,
vi_end_bg_location_seq,
bg_toc,
gps_source,
gps_device,
gps_assembly,
gps_vehicle,
gps_date_local,
gps_timestamp_local,
speedmph,
lat,
lon,
dh_seconds_into_vinterval,
dh_seconds_from_end_of_vinterval

intervals_otmr

Schema: datahub_alltocs

OTMR times mapped to intervals. Table is at same granularity as intervals, but has additional times populated by OTMR data. Always mapped to an actual interval, as OTMR is mapped to dwell events

service_header - bg_service
intervals - bg_service, bg_location_seq

bg_service,
bg_jdate,
bg_toc,
i_end_bg_location_seq,
wheel_stop,
doors_released,
doors_closing,
doors_all_closed,
wheel_start,
wheel_stop_vehicle,
doors_released_vehicle,
doors_closing_vehicle,
doors_all_closed_vehicle,
wheel_start_vehicle