

PlanTrips Quick Reference

Version 4.0.10

Syntax:

PlanTrips [-flag] [control_file] [partition]

Purpose:

1. Generate a trip and/or activity file from a plan file.
2. Use the time constraints from the original trip and/or activity files and the trip duration from the plan files to update the trip/activity start and end times in the new trip and/or activity files and optionally the new plan file.
3. Adjust the plan start and end times for each leg of a given traveler to remove overlapping travel legs and compress schedule gaps.
4. Generate a report documenting the plan time shifts in 5 minute increments.
5. Processes transit trips and multi-leg travel plans.

Required Keys

NET_PROCESS_LINK_TABLE	[net_directory] <i>filename</i>
PLAN_FILE	[project_directory] <i>filename</i> [.partition]
NEW_TRIP_FILE (1)	[project_directory] <i>filename</i>
NEW_ACTIVITY_FILE (1)	[project_directory] <i>filename</i>

Optional Keys

TITLE	text
REPORT_FILE	<i>filename</i>
REPORT_FLAG	FALSE {true/false/yes/no/1/0}
MAX_WARNING_MESSAGES	100,000
MAX_WARNING_EXIT_FLAG	TRUE {true/false/yes/no/1/0}
PROJECT_DIRECTORY	<i>pathname</i>
DEFAULT_FILE_FORMAT	VERSION3 {(2)}
TRAVELER_SCALING_FACTOR	100 {2..100}
NET_DIRECTORY	<i>Pathname</i>
TIME_OF_DAY_FORMAT	SECONDS {(3)}
PLAN_FORMAT	VERSION3 {VERSION3/BINARY}
NODE_LIST_PATHS	TRUE {true/false/yes/no/1/0}
HOUSEHOLD_LIST	[project_directory] <i>filename</i> [.partition]
TRIP_FILE	[project_directory] <i>filename</i>
ACTIVITY_FILE	[project_directory] <i>filename</i>
NEW_PLAN_FILE	[project_directory] <i>filename</i> [.partition]
NEW_PLAN_FORMAT	VERSION3 {VERSION3/BINARY}

NEW_HOUSEHOLD_LIST	[project_directory]/filename[.partition]
NET_DEFAULT_FORMAT	[default_file_format] {(2)}
NET_PROCESS_LINK_FORMAT	[net_default_format] {(2)}
DEMAND_FILE_FORMAT	[default_file_format] {(2)}
TRIP_FORMAT	[demand_file_format] {(2)}
ACTIVITY_FORMAT	[demand_file_format] {(2)}
NEW_TRIP_FORMAT	[demand_file_format] {(2)}
NEW_ACTIVITY_FORMAT	[demand_file_format] {(2)}

Reports

PLANTRIPS_REPORT_#	TIME_SHIFT_SUMMARY
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Notes

1	A new trip, activity, plan or household list file must be specified.
2	{VERSION3, BINARY, FIXED_COLUMN, COMMA_DELIMITED, SPACE_DELIMITED, TAB_DELIMITED, CSV_DELIMITED, DBASE, LANL, SQLITE3}
3	{HOURS, SECONDS, 24_HOUR_CLOCK, 12_HOUR_CLOCK}