PlanTrips Quick Reference

Version 4.0.11

Revision History
1/8/2010   Edited by AECOM Consult, Inc.
4/15/2010   Edited by RSG, Inc.

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]*filename*
PLAN_FILE	[project_directory]*filename*[.partition]
NEW_TRIP_FILE (1)	[project_directory]*filename*
NEW_ACTIVITY_FILE (1)	[project_directory]*filename*

Optional Keys

TITLE	text
REPORT_FILE	*filename*
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	*pathname*
DEFAULT_FILE_FORMAT	VERSION3 {(2)}
TRAVELER_SCALING_FACTOR	100 {2..100}
NET_DIRECTORY	*Pathname*
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]*filename*[.partition]

TRIP_FILE	[project_directory]*filename*
ACTIVITY_FILE	[project_directory]*filename*
CREATE_INDEPENDENT_TRIPS	FALSE {true/false/yes/no/1/0} (4)
VEHICLE_FILE	[project_directory]*filename*
NEW_PLAN_FILE	[project_directory]*filename*[.partition]
NEW_PLAN_FORMAT	VERSION3 {VERSION3/BINARY}
NEW_HOUSEHOLD_LIST	[project_directory]*filename*[.partition]
NEW_VEHICLE_FILE	[project_directory]*filename*
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

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}
4	Enables the program to convert each trip encountered in an input Plan File to a separate household and vehicle. Input and output vehicle files must be specified.

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