PlanPrep - Quick Reference

Version 5.0.9

Usage

PlanPrep [-flag] [control_file] [partition]

```
Optional Flags:
  -Q[uiet]   = execute without screen messages
  -H[elp]    = show program syntax and control keys
  -C[ontrol] = create/update a default control file
  -K[eyCheck] = list unrecognized control file keys
  -P[ause]   = pause before exiting
  -N[oPause] = never pause before exiting
  -D[etail]  = execute with detailed status messages
  -X[ML]     = write an XML file with control keys
```

Purpose

1. Merge, sort, select, and combine plan files.
2. Reintegrate subarea plans with regional plan files.
3. Create and check plan partitions.
4. Generate distribution reports of path and travel time changes.

Configuration Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
TITLE	Text		
REPORT_FILE	File		filename[_partition][.prn]
REPORT_FLAG	Bool	FALSE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N
PROJECT_DIRECTORY	Path		
MODEL_START_TIME	Time	0:00	>= 0 [seconds], 0.0 [hours], 0:00
MODEL_END_TIME	Time	24:00	> [model_start_time]
UNITS_OF_MEASURE	Text	METRIC	METRIC, ENGLISH
RANDOM_NUMBER_SEED	Int.	0	0 = computer clock, > 0 = fixed
MAX_WARNING_MESSAGES	Int.	100000	>= 0
MAX_WARNING_EXIT_FLAG	Bool	TRUE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N
MAX_PROBLEM_COUNT	Int.	0	>= 0

Configuration Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
NUMBER_OF_THREADS	Int.	1	1..24

System File Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
☑ PLAN_FILE	File		[project_directory]filename.*
SELECTION_FILE	File		[project_directory]filename.*
NEW_PLAN_FILE	File		[project_directory]filename.*

Data Service Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
TRIP_SORT_TYPE	Text	DO_NOT_SORT	DO_NOT_SORT, TRAVELER_SORT, TIME_SORT
PLAN_SORT_TYPE	Text	DO_NOT_SORT	DO_NOT_SORT, TRAVELER_SORT, TIME_SORT

Select Service Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
SELECT_HOUSEHOLDS	List	ALL	e.g., 1, 2, 4..10, 100..200, 300
SELECT_MODES	List	ALL	e.g., ALL or 1, 12..14 or WALK, HOV2..HOV4
SELECT_PURPOSES	List	ALL	e.g., 1, 2, 4..10, 100..200, 300
SELECT_START_TIMES	List	ALL	e.g., ALL, 0..97200 seconds, 0.0..27.0 hours, 0:00..27:00
SELECT_END_TIMES	List	ALL	e.g., ALL, 0..97200 seconds, 0.0..27.0 hours, 0:00..27:00
SELECT_ORIGINS	List	ALL	e.g., 1, 2, 4..10, 100..200, 300
SELECT_DESTINATIONS	List	ALL	e.g., 1, 2, 4..10, 100..200, 300
SELECT_TRAVELER_TYPES	List	ALL	e.g., 1, 2, 4..10, 100..200, 300
SELECT_LINKS_*	List	ALL	e.g., 1, 2, 4..10, 100..200, 300
SELECT_NODES_*	List	ALL	e.g., 1, 2, 4..10, 100..200, 300
SELECT_SUBAREA_POLYGON	File		[project_directory]filename
SELECTION_PERCENTAGE	Dec.	100.0 percent	0.01..100.0 percent

Select Service Keys

REQ?	KEY	TYPE	DEFAULT	VALUE RANGES
	DELETION_FILE	File		[project_directory]filename
	DELETE_HOUSEHOLDS	List	NONE	e.g., 1, 2, 4..10, 100..200, 300
	DELETE_MODES	List	NONE	e.g., ALL or 1, 12..14 or WALK, HOV2..HOV4
	DELETE_TRAVELER_TYPES	List	NONE	e.g., 1, 2, 4..10, 100..200, 300

Control Keys

REQ?	KEY	TYPE	DEFAULT	VALUE RANGES
	MERGE_PLAN_FILE	File		[project_directory]filename.*
	MAXIMUM_SORT_SIZE	Int.	0	0, >=100000 trips

Notes

Each '_FILE' key has a corresponding '_FORMAT' key. The following file formats can be used for input and ouput files.
TEXT, BINARY, FIXED_COLUMN, COMMA_DELIMITED, SPACE_DELIMITED, TAB_DELIMITED, CSV_DELIMITED, DBASE, SQLITE3, VERSION3