TripPrep - Quick Reference

Version 5.0.2

Usage

TripPrep [-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

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
NUMBER_OF_THREADS	Int.	1	1..24
TRIPPREP_REPORT_*	Text		program report name

System File Keys

REQ?	KEY	TYPE	DEFAULT	VALUE RANGES
☑	TRIP_FILE	File		[project_directory]filename.*
	SELECTION_FILE	File		[project_directory]filename.*
	VEHICLE_FILE	File		[project_directory]filename.*
	NEW_VEHICLE_FILE	File		[project_directory]filename.*
	NEW_TRIP_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

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
	SELECTION_PERCENTAGE	Dec.	100.0 percent	0.01..100.0 percent
	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_TRIP_FILE	File		[project_directory]filename.*
MERGE_VEHICLE_FILE	File		[project_directory]filename.*
MAXIMUM_SORT_SIZE	Int.	0	0, >=100000 trips
UPDATE_TRIP_PARTITIONS	Bool	FALSE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N
UPDATE_TRAVELER_TYPE	Bool	FALSE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N
TRIP_PROCESSING_SCRIPT	File		[project_directory]filename

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