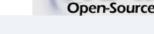
# **NewFormat - Quick Reference**

Version 5.0.17

#### Usage



#### NewFormat [-flag] [control\_file]

#### 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. Converts Version 4 transit driver plans to a Version 5 transit driver file.
- 2. Converts a Version 4 population file to a Version 5 household and population file
- 3. Converts a Version 4 activity file to a Version 5 activity file
- 4. Converts a Version 4 survey activity file to a Version 5 survey activity file
- 5. Convert the X-Y coordinates in a survey activity file to the TRANSIMS coordinate system and then match the location to the nearest activity location.
- 6. Estimates locations for activities without coordinates based on the prior and following activity locations and excluded households located outside the modeling region.

#### 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



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## Configuration Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
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	124

### System File Keys

REQ? KEY	TYPE DEFAULT	VALUE RANGES
NODE_FILE	File	[project_directory]filename
ZONE_FILE	File	[project_directory]filename
SHAPE_FILE	File	[project_directory]filename
LINK_FILE	File	[project_directory]filename
POCKET_FILE	File	[project_directory]filename
LANE_USE_FILE	File	[project_directory]filename
CONNECTION_FILE	File	[project_directory]filename
TURN_PENALTY_FILE	File	[project_directory]filename
PARKING_FILE	File	[project_directory]filename
LOCATION_FILE	File	[project_directory]filename
ACCESS_FILE	File	[project_directory]filename
SIGN_FILE	File	[project_directory]filename
SIGNAL_FILE	File	[project_directory]filename
PHASING_PLAN_FILE	File	[project_directory]filename
TIMING_PLAN_FILE	File	[project_directory]filename
DETECTOR_FILE	File	[project_directory]filename
TRANSIT_STOP_FILE	File	[project_directory]filename
TRANSIT_FARE_FILE	File	[project_directory]filename
TRANSIT_ROUTE_FILE	File	[project_directory]filename
TRANSIT_SCHEDULE_FILE	File	[project_directory]filename
TRANSIT_DRIVER_FILE	File	[project_directory]filename





### System File Keys





### System File Keys

REQ? KEY	TYPE DEFAULT	VALUE RANGES
NEW_TRANSIT_STOP_FILE	File	[project_directory]filename
NEW_TRANSIT_FARE_FILE	File	[project_directory]filename
NEW_TRANSIT_ROUTE_FILE	File	[project_directory]filename
NEW_TRANSIT_SCHEDULE_FILE	File	[project_directory]filename
NEW_TRANSIT_DRIVER_FILE	File	[project_directory]filename
NEW_ROUTE_NODES_FILE	File	[project_directory]filename
NEW_SELECTION_FILE	File	[project_directory]filename.*
NEW_HOUSEHOLD_FILE	File	[project_directory]filename.*
NEW_LINK_DELAY_FILE	File	[project_directory]filename
NEW_PERFORMANCE_FILE	File	[project_directory]filename
NEW_RIDERSHIP_FILE	File	[project_directory]filename
NEW_VEHICLE_TYPE_FILE	File	[project_directory]filename
NEW_VEHICLE_FILE	File	[project_directory]filename.*
NEW_TRIP_FILE	File	[project_directory]filename.*
NEW_PROBLEM_FILE	File	[project_directory]filename.*
NEW_PLAN_FILE	File	[project_directory]filename.*
NEW_SKIM_FILE	File	[project_directory]filename.*

### File Service Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
NOTES_AND_NAME_FIELDS	Bool	FALSE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N
FLOW_UNITS	Text	VEHICLES	VEHICLES, CAR_EQUIV/PCE, PERSONS
SKIM_TOTAL_TIME_FLAG	Bool	FALSE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N

### Data Service Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
DAILY_WRAP_FLAG	Bool	FALSE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N



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#### Data Service Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
SUMMARY_TIME_RANGES	Text	ALL	e.g., ALL, 097200 seconds, 0.027.0 hours, 0:0027:00
SUMMARY_TIME_INCREMENT	Time	15 minutes	0, 2240 minutes
CONGESTED_TIME_RATIO	Dec.	3.0	1.05.0
TRIP_SORT_TYPE	Text	DO_NOT_SORT	DO_NOT_SORT, TRAVELER_SORT, TIME_SORT

### Control Keys

REQ? KEY	TYPE	DEFAULT	VALUE RANGES
FLATTEN_OUTPUT_FLAG	Bool	FALSE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N
TOLL_FILE	File		[project_directory]Version_4_filename
ACTIVITY_FILE	File		[project_directory]Version_4_filename
PERSON_FILE	File		[project_directory]Version_4_filename
SNAPSHOT_FILE	File		[project_directory]filename
NEW_SNAPSHOT_FILE	File		[project_directory]filename
NEW_SNAPSHOT_COMPRESSION	Bool	FALSE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N
VERSION4_PLAN_FILE	File		[project_directory]Version_4_filename.*
NODE_LIST_PATHS	Bool	TRUE	TRUE/FALSE, YES/NO, 1/0, T/F, Y/N
TRAVELER_SCALING_FACTOR	Int.	100	1100
VERSION4_ROUTE_HEADER	File		[project_directory]Version_4_filename
VERSION4_ROUTE_NODES	File		[project_directory]Version_4_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

