

### *What the Pre Processor Does*

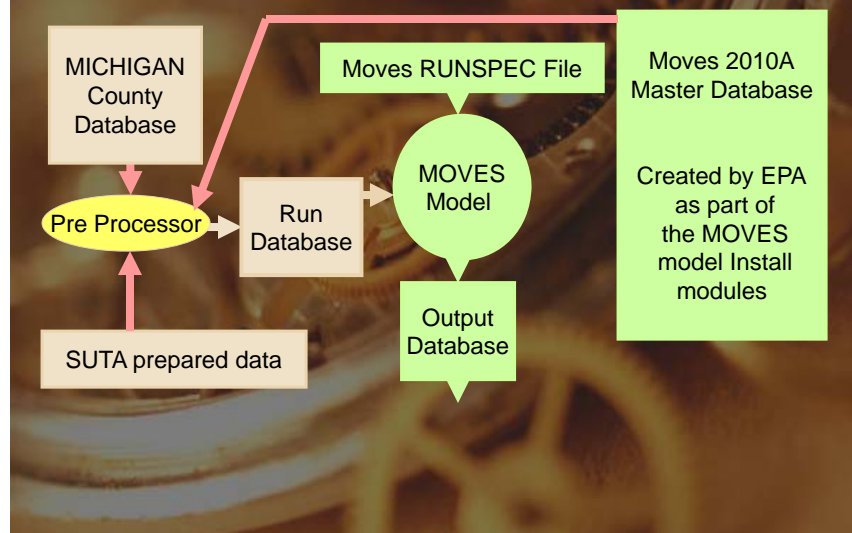
- Automates creation of database records needed to run MOVES
- Allows bypass of MYSQL County Data Manager for conformity runs.
- Limits the amount of data handling
- Prevents typical runspec errors
- Saves time when preparing runs

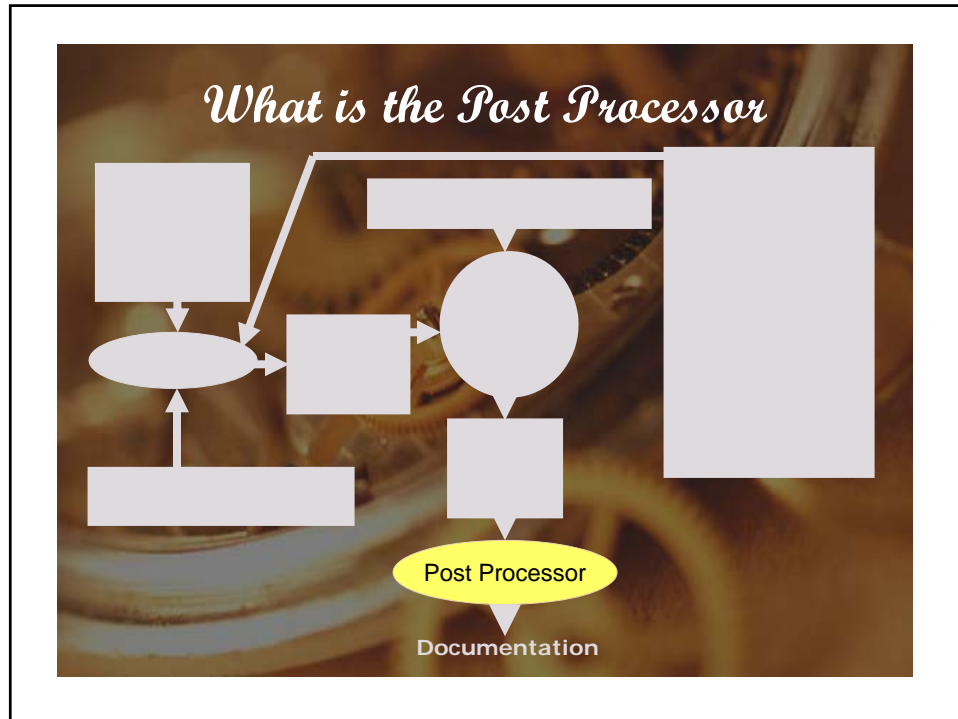
## *What would I have to do without the pre processor?*

- learn and apply MYSQL database scripting language
- Create .xls data files to import using the MOVES County Data Manager
- Manage the syntax and references for the database records
- Update database records for each run or runspec
- Create all files with non-default information



## And it LOOKS Like This....





### *What the Post Processor does?*

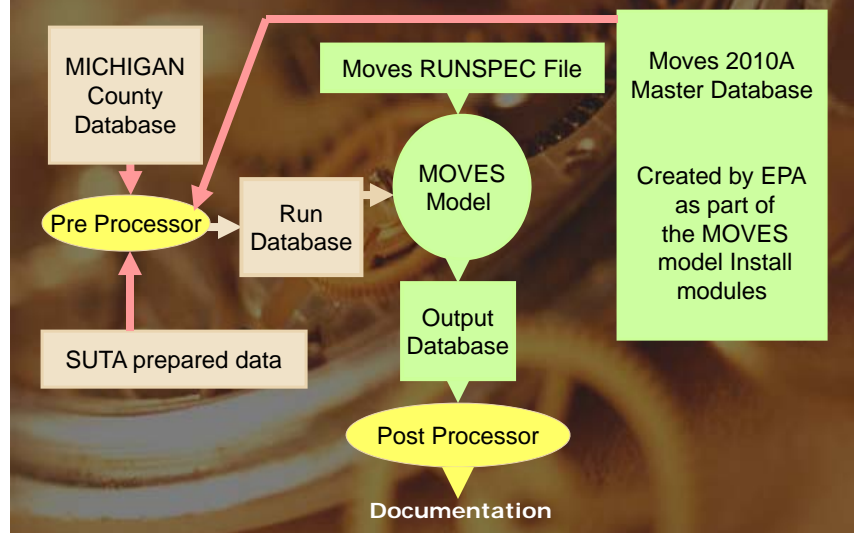
- Aggregates MOVES runs according to agreements with EPA and FHWA and MDEQ for regulatory documents
- Organizes information for reporting in TIPS, LRPs and the STIP, and for inventories and redesignation requests
- Writes a DVD or CD Rom with needed documentation for transmittals (eliminating paper copy)
- Places all compiled tools needed to replicate the run on the DVD
- Prints required summaries needed for conformity demonstrations
- Eliminates errors and reduces staff time

## *What would I have to do without the post processor?*

- Organize raw data manually or with MYSQL script language
- Create post processing tools to aggregate information
- Create output in text and/or data formats for documents
- Seek and maintain federal approval of post processing tools you create yourself
- Create reports and documentation of runs



## And it LOOKS Like This....



*Documentation.....?*  
*What documentation.....?*

- Runspec file
- Michigan County Database File
- Run Database File
- Emissions aggregates in Kg/Day for pollutants
- Output Database
- Methodology Chapter  
(not MOVES generated)



*And what if I make a mistake?*

- Automating the run process will eliminate most errors
- MDOT will have support staff to provide assistance to users of our interface.



## MDOT *has you covered!*

- EPA, FHWA, and DEQ have already met with MDOT to discuss MDOTs interface and its uses.
- A record of the run information on DVD is sufficient for the purposes of documentation along with a copy of the runspec file used and any non-default database files needed for each run



## *Handling the documentation...*



*The post processor creates a **DVD**.*



*Who can use the **MDOT** interface?*



*You can!*



*What if I need help?*



**MDOT will conduct training and offer support for Michigan users and FHWA partners?**



**MDOTs got your back!**



