

# ProModel & MedModel Lesser-Known Powerful Items

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# Items to be covered

- Techniques
- Tools
- Simulation Options
- Commands
- Support
- Functions
- Features

# Caveats

- We encourage using the Help system and the User Guide for further description and clarification of these items

C:\Program Files (x86)\ProModel Corporation\ProModel\10.4\Docs\User\ProModel User Guide.pdf  
Ref...

- This will be rapid...  
Encourage revisiting the Recorded MP4 of this session in the ProModel website **Solutions Café** Webinars section
- Level of detail in discussion of each item will vary

# Techniques

- You can have multiple models open and/or running at the same time
  - e.g. While the model is running (maybe being DEBUGged), make a .MOD COPY... Open & examine
- Import Background Graphic to Scale
  - BMP, WMF, JPG, GIF, PNG, TIF, ICO, PCX
  - ACAD DWG
- Array Import Worksheet name by Macro
- Array Database Import - Connection String & Query
  - <https://www.connectionstrings.com/>
- Merge (but Model Collaborator may be better!!)
  - Model
  - Submodel
- Model instructions - RTF
- Model Notes
- Customize Quick Access Toolbar
- Streams (1-100)
- Comment portions of a logic line
  - e.g. IF OBJECTID() = 17 THEN { /\***DEBUG\***/ TRACE STEP }

Example

# Tools

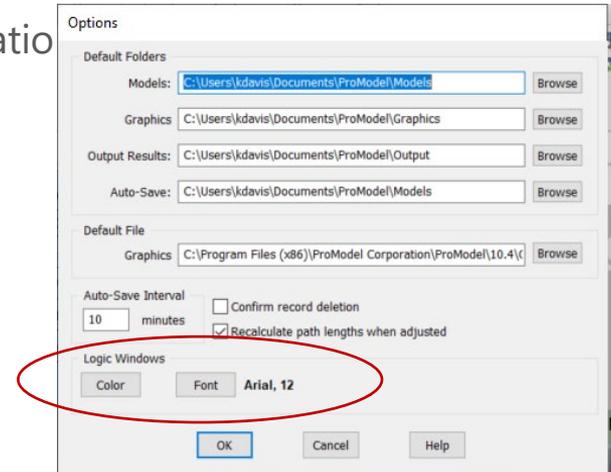
- Multiview Runner
- Dynamic plot
- Model Collaborator
- 3D Animator

# Sim Options

- Output Reporting
  - Standard reporting
  - Batch Mean reporting
    - No Reps, Warm-up only once; Good for models with really long run times (e.g. years)
    - [Ref...](#) p 52 , 375
  - Periodic reporting
    - ... Throughout the day, week, etc.
    - [Ref...](#) p376
- Clock Precision - Runtime speed & duration
  - [Ref...](#) p66
- Generate Animation Script for 3D Animator
- Common Random Numbers
  - [Ref...](#) p374

# File-Options

- Logic Window Font specification – PROMOD.INI
  - <C:\Users\kdavis\AppData\Local\ProModel\ProModel\10.4\PROMOD.INI>
    - DigitFont – On-screen numbers ... Variables, LOC Contents
    - LogicFont – Logic window text... Operations, Move Logic, Subroutines
    - TableFont – e.g. Entities & Locations specification
    - TextFont – e.g. LOC Aa text, Text boxes
- Autosave Interval
- Confirm Record Deletion



# Commands

- Break – Jump out of Loop
  - (While Do, Do While, Do Until)
    - Exits the innermost logic
    - [Ref...](#) p445
- Breakblk – Abandon remainder of logic
  - Exits from the innermost statement block
  - [Ref...](#) p446

# Support

- Solutions Café Webinars
  - <https://promodel.com/solutionscafe/webinars/>
- Solutions Café Knowledge Base
  - <https://promodel.com/solutionscafe/resourcelibrary/knowledgebase.asp>
- What's New Release Notes
  - <https://promodel.com/products/ProModel#Whats-New>

# Functions

- SysClock
- ScenarioName
- ObjectId
- GetReplicationNum
- PercentOp
- PercentUtil
- LocState
  - [Ref...](#) p507
- DistanceTraveled
- DownQty
- FreeCap
- Units
- FreeUnits
- TimeEntered
- TimesUsed
- ResQty
- OwnedResourceUnit

# Features

- Entity Spot resized regardless of zoom factor
- Highlight Logic text item... F12



Thank You!

Questions ??

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