

CAN YOU RUN THE SAS DEBUGGER IN EG ?

EG 7.1 introduced a DATA step debugger similar to the one that has been available for many years with Display Manager. The EG debugger is however much more visual and does support all the commands available in Display Manager. As its name implies, it can only be used to debug DATA step code and cannot be used with the Macro language nor any other SAS languages such as IML or AF.

Here are some the highlights:

- You can use the Toolbar or issue command from the console.
- You can easily step one line at a time.
- The watch window is updated with the latest values of the variables found in Program Data Vector.
- The watch window allows you to break when a specific variable changes. You can also change the value of a variable manually.

Debugger commands can also be issued via the debugger console. These commands are fully documented in the SAS reference manual:

```
BREAK
CALCULATE
DELETE
DESCRIBE
ENTER
EXAMINE
GO
HELP
JUMP
LIST
QUIT
SET
STEP
SWAP
TRACE
WATCH
```

Of particular interest, is the use of the BREAK command to set conditional breakpoint (for example: b 8 when (running\_price > 10000)) or the LIST \_all\_ to display details about open data sets and files.

#### REFERENCES

Riba, S. David, How to Use the Data Step Debugger, ,SUGI 25  
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