# SAS Enterprise Guide for Programmers

Going deep



# If you're writing code in SAS Enterprise Guide, you're doing it wrong.





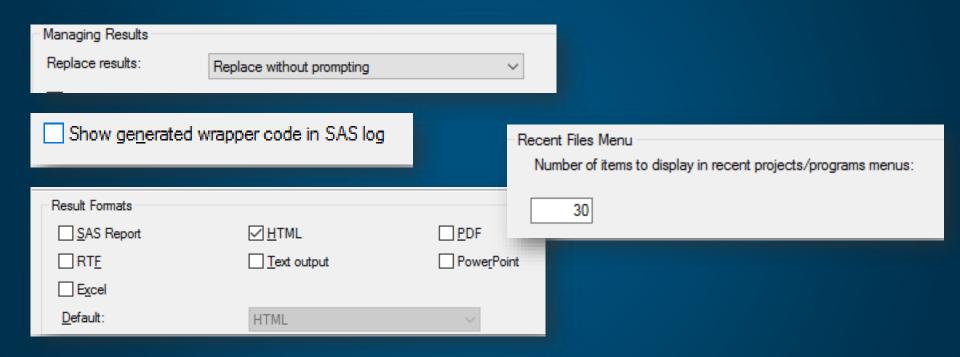


#### Topics for programmers

- Make yourself at home (customize)
- Program editor tips
- Creating an all-code project
- Building a production-ready SAS program
- Using built-in version control
- Using external version control
- The debugger is your friend
- Checking on your macro vars



# Customize your options

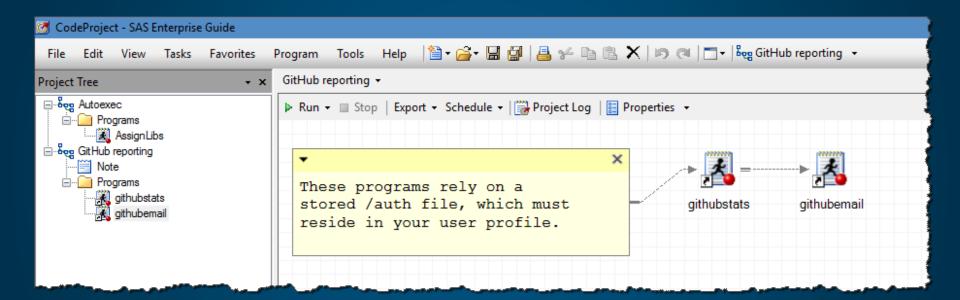




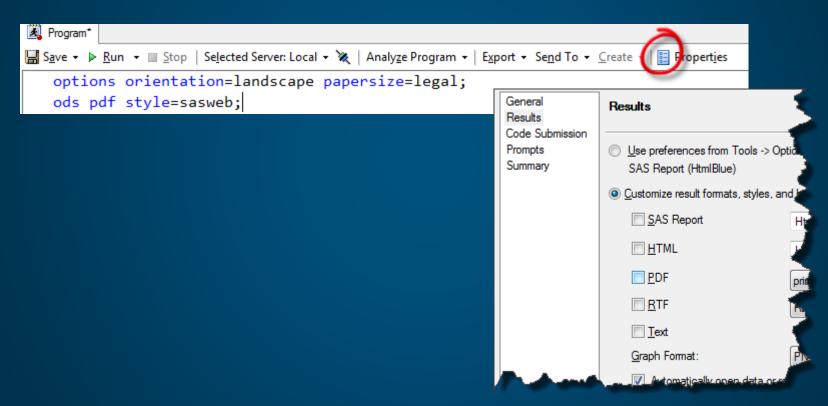
### Program editor tricks

- Turn on line numbers
- Get the tabs out
- Use abbreviations
- Let the editor format your code
- Zoom in and out
- Change the program editor font
- Column select with block select feature
- Use regex for find/replace
- Split pane viewing
- Break out to another editor

# Organize a Code-only Project

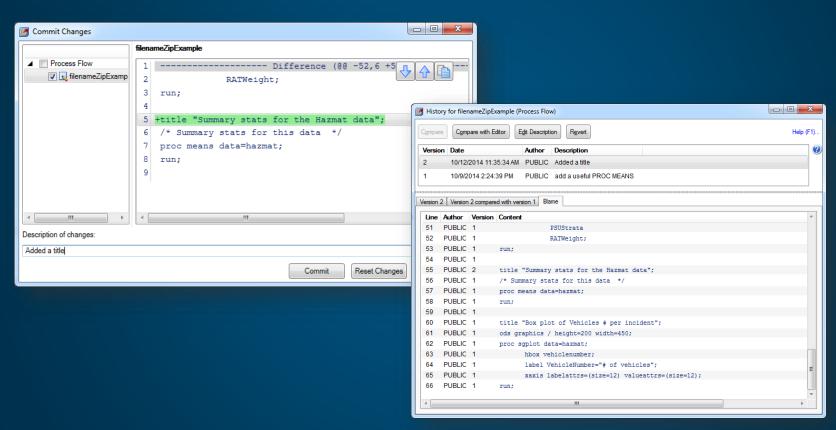


# Run your code like it will run in prod





# Program history: version control built in



# DATA step debugger

```
DATA Step Debugger
      data results1 / ldebug;
          set sashelp.class;
                                                                Variable
                                                                       Value
                                                                              Watch
                                                               Name
          /* WHERE applied at compile time
                                                               Sex
                                                               Age
          /* Processes ONLY matching obs
                                                               Height
          where sex='M';
                                                               Weight
                                                               ERROR
       run;
                                                               _N_
Debug Console
>
```





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