

*FANS*

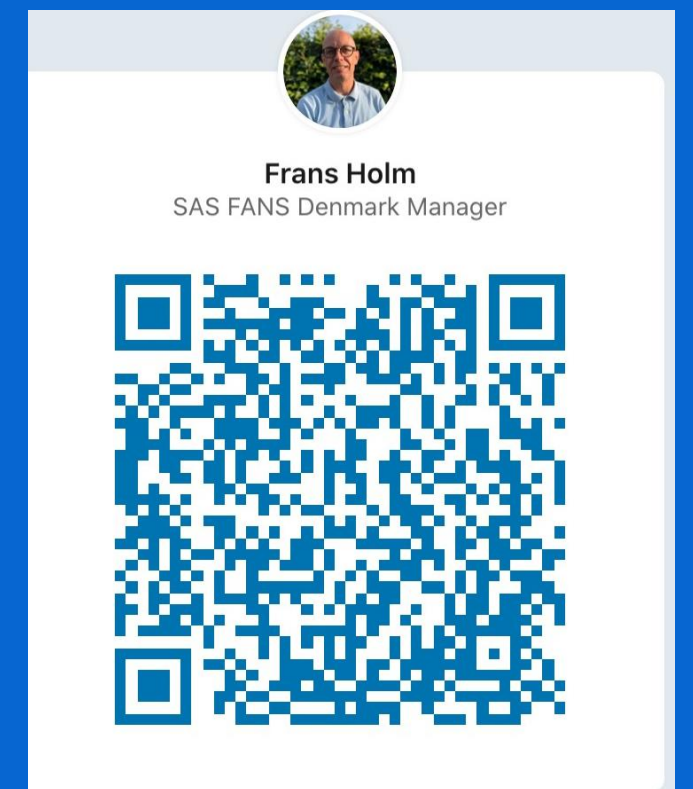
# Macros

## – Overview and recommendations

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Thanks to Ole Steen!



# Agenda

## Macro's

- Do we need documentation?
  - My Own macros vs. Shared macros!
- Setup: SASAUTOS
- Documentation of Macros
- Validation & Error handling
- Demos

# Do we need documentation?

- What is a macro?
- My Own macros vs. Shared macros!

# Setup: SASAUTOS

- Focus: SAS Autocall Facility
  - Alternatives: Stored Compiled Macro, Macro included in the program
- SASAUTOS lists where to look for macro programs.
  - Prerequisites:
    - Name on Macro = Name on the program (.sas file)
    - Only one Macro per program
    - Option MAUTOSOURCE
    - Option MRECALL
- Remember – To include the “default” SASAUTOS
  - Option SASAUTOS=(SASAUTOS "C:\Temp\Macros");
  - Option APPEND=SASAUTOS=("C:\Temp\Macros");

DEMO

# Documentation of Macros

- Make a good description of your Macro from the start
- Make a standard for descriptions of Macros
  - Description
  - Variables
  - Example
  - Enable “Help”
- Have a colleague to validate your description...
- Make a Snippet in Enterprise Guide:
  - Ctrl + shift + A (Program -> New snippet)

DEMO

# Validation & Error handling

- How should Macros handel errors?
- List errors or stop or ....

## Using macros in other code

- Don't need ";"

DEMO

# LINKS

- [Macro Language](#)
- [SAS Autocall Facility](#)
- [Storing and Reusing Macros](#)

# Questions?

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