Make it scale:
Guiding Principles for Low-Code Modeling Excellence

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Low Code Solution Architect, Conclusion

Developing with Mendix since 2011
Involved in 50+ projects
Most Valuable Professional since 2015

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- Developing with Mendix since 2014
- Involved with 53 Mendix clients
- 5.7K App Store Downloads
Agenda: Organization

1. Project
2. Module
3. Logic
Organize your project into modules, each with a clear purpose
“A developer is constantly focused on features and processes.”
Module Categories

- Process or Feature
- Administration
- Transformation
- Integration
- App Store
- App Store Customization
Demo
Group module content by function over type
Folder Structure

By Function
A folder per major function in a module.
Subfolders for smaller functions, each containing potentially many types of application objects.
Requires thought but enables rapid project navigation and refactoring.

By Type
A folder for pages, another for microflows.
Easy to do, but ultimately useless for a fellow developer.
Design high-level microflows that read like a story
I could restructure the program’s flow or use one little ‘goto’ instead.

Eh, screw good practice. How bad can it be?

goto main_sub3;

*compile*

https://www.xkcd.com/292/
“At all times and under all circumstances, the programmer must keep the program within his intellectual grasp.”

- T. Harbron
“...I now suggest that we confine ourselves to the design and implementation of intellectually manageable programs.”

– E. Dijkstra
Demo
Wrap up

1. Project
2. Module
3. Logic