CODESYS *go!*

CODESYS Feature Briefing, March 2024

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WHAT WE HAVE ACHIEVED SO FAR

- **Internal architecture to be able to deploy CODESYS *go!* on the following platforms:**
  - As client-server application in a public cloud
  - As client-server application on-prem in a private cloud
  - On the controller
  - Integrated into the CODESYS Automation Server
  - As conventional desktop application
- **Library concepts**
  - Support for existing V3 compiled libraries
  - Refinements regarding the calculation of the library dependency tree (placeholders, star-references, etc.)
  - Full support for command line
- **Good foundations for the best ST editor of all time**

WHAT WE ARE CURRENTLY WORKING ON

- **Device configuration**
  - Configuration by bus-specific JSON text files
  - IO mapping by generic JSON text files
  - Support for existing V3 device descriptions
  - First prototypes for GPIOs on a Raspberry Pi
- **Generic way to describe preferences and settings**
- **Improvements in the web-based frontend**
  - Editor and view host
  - Generic editor for preferences and settings
  - Ongoing development regarding the text editor
- **Definition of the Extension Platform**

WHAT WE WANT TO ACHIEVE BY THE END OF THE YEAR

- **Serious projects can be developed when they are using**
  - Structured Text
  - EtherCAT

- **CODESYS *go!* can be used in our build pipelines to release a CODESYS V3 library (part of one of this year's company goals).**

Thank you for your attention!

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