CODESYS 4: Version 1.0.0.0 released, EtherCAT in alpha

With CODESYS 4, the CODESYS Group is showcasing a web-based IEC 61131-3 development environment at SPS 2026, which serves as a second programming system alongside the CODESYS Development System 3. Version 1.0.0.0 has been available since September 23, 2026, and has been released for productive use in two application areas: for library development in Structured Text and for simple applications in Structured Text and Ladder Diagram.

CODESYS 4 can be conveniently used in CI/CD pipelines because the command-line tool c4-cli compiles libraries and applications directly there without a graphical interface. The backend runs not only on Windows x64 but also on Linux x64 and Linux ARM64—meaning it does not require a Windows VM. CODESYS 4 is operated via a browser. Projects are stored as text files in the file system and can thus be version-controlled with Git; a lock file resolves library dependencies consistently with every build. A Modbus configurator maps inputs and outputs; after downloading, variables can be monitored directly in the editor and in the watchlist. The compiler, libraries, and runtime system are the same as in the CODESYS Development System 3. Use is free of charge until the end of 2028.

In Hall 7, Booth 677, the CODESYS Group is also showcasing EtherCAT for CODESYS 4 as an early alpha version that configures the basic structure of an EtherCAT network. A first version is planned for 2027.

Caption: CODESYS 4 in the browser: Project tree with Modbus configurator and Structured Text editor showing monitored variable values.

Press contact:

Dipl.-Ing. (FH) Roland Wagner
CODESYS GmbH - A member of the CODESYS Group
Memminger Str. 151
87439 Kempten
Germany
Phone: +49-831-54031-17
E-mail: r.wagner@codesys.com
Internet: www.codesys.com



