SIEMENS

ANSI-C in the SIMATIC World, Introduction (ST-SIMACE)

Målsætninger

This course shows you the possible applications of C scripts in the SIMATIC WinCC and SIMATIC PCS 7 automation systems and familiarizes you with the fundamentals of the C programming language in the SIMATIC environment.
During the course, you will have plenty time for exercises, providing you with the opportunity of amassing significant practical experience and putting your theoretical knowledge to immediate use.
On completion of the course, you will be able to write and understand simple C scripts.
You can expand and reinforce the knowledge acquired here in the ST-SIMACA course. On completion of this course, you will be able to handle character strings in C scripts as used in automation engineering in, for example, WinCC.
For subsequent expansion and reinforcement of your knowledge, we offer the ST-SIMACA course, on completion of which your skills will include the ability to handle character strings in C scripts as used in automation engineering in, for example, WinCC.

Målgruppe

Programmers
Commissioning engineers, configuring engineers
Service personnel
Maintenance personnel

Indhold

Using basic data types
Formulating expressions
Calling fundamental input/output functions
Statements
Setting/resetting individual bits in a WORD variable - Toggling information displays
Defining and calling simple functions
Defining and using arrays
Elementary applications of pointer types
Typedefs (for WinCC-specific designators)
Global and local actions in WINCC / PCS7
Functions in a C script
Selected WinCC demo examples

Deltagerkrav

SIMATIC WinCC knowledge according to ST-BWINCCS.

Type

Face-to-face-uddannelse

Varighed

5 dage

Sprog

en

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