

Codesys integration



This page describes the **CODESYS integration** of the NLi-EtherCAT motor. The motor is integrated into a CODESYS project using the device description (ESI) file and an example project.

ESI File

The ESI file describes the device for the CODESYS configuration. **Device Description xml for configuration:** [:nli_eth:nli_eth_servo.zip](#)

Codesys example project

The example project shows how to set up a single axis. **Single axis project:** [:nli_eth:codesys-project.zip](#)

How to integrate

- Import the ESI file into the CODESYS device repository. - Add the NLi-EtherCAT motor as an EtherCAT slave to the project. - Use the example project as a reference for the axis configuration. - For the PDO mapping and the mode of operation, refer to the CANopen over EtherCAT page.

From:
<https://www.nilab.at/dokuwiki/> - **NiLAB GmbH**
Knowledgebase

Permanent link:
https://www.nilab.at/dokuwiki/doku.php?id=en:nli_eth:codesys

Last update: **2026/09/11 07:59**

