EtherCAT Axis Config URCap Example

Description

The EtherCAT Axis Config URCap provides a working example for configuring an axis via user input presented in the installation node.
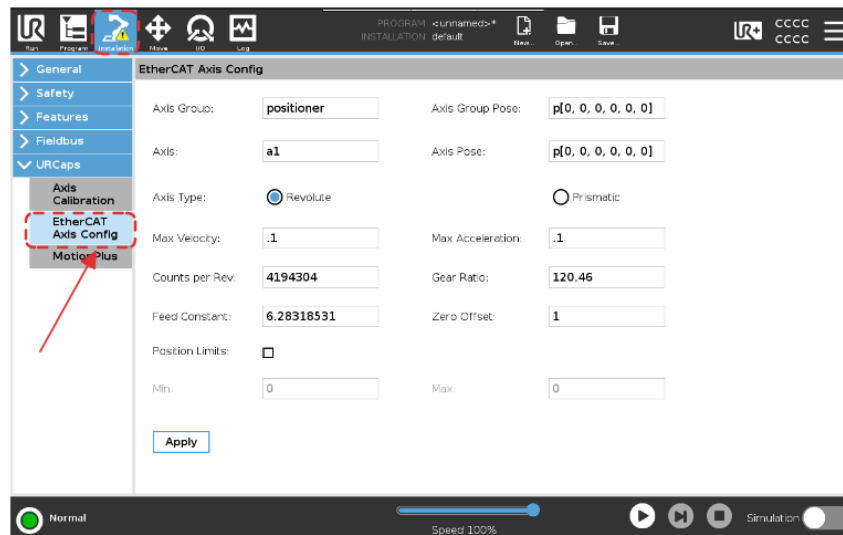
Build

- The URCap SDK must be installed and available in the build environment
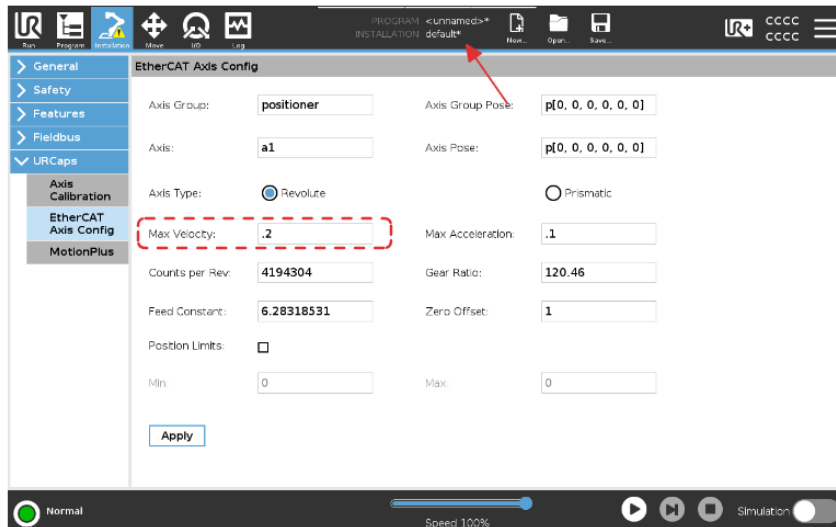
1. `cd ethercat-axis-config`

2. `./build.sh`

   Note: By default the build script will attempt to build the URCap then deploy to a local simulator (if available).

Usage

- Note: The EtherCAT Axis Config URCap does not manage the lifecycle of any world-model or axis-group entities.

1. Go into the Installation tab in Polyscope and click on the EtherCAT Axis Config URCap.

2. Changes made to the axis configuration will persist in the DataModel. Notice how a change in the Max Velocity adds an asterisk to the installation indicating that changes have been made.

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3. Remember to save your changes when exiting Polyscope to ensure the persistence of your axis configuration.