

Introduction

Target of this exercise is to realize an HMI system able to control your fly shear RDE project. Fly shear is a programming exercise that you must do. You can find the text of the exercise on OneDrive RSM shared space.

1. Robox Display Tool (RDT)

Open RDT and make a project to speak with your controller. You must make all the pages to simulate a customer machine, so don't forget to put password level, protected parameters, settings page, oscilloscope and at least 2 languages (English is compulsory). All the HMI project is up to you, in terms of structure, tool used, topology and graphics.

2. Debug

Load your Flying shear project into your controller, connect it to your HMI and reboot. If you don't have an HMI device, you can use RTM directly on your PC. Try to use your HMI to control the system and see if everything is working correctly.