Importing a library from the PLCnext store

Contents

Introduction

This article will go over importing a library into PLCnext Engineer for the AXC F 2152.

Objectives

- Navigate to the PLCnext store
- Downloading and installing the library
- Adding the library to a project

Procedure

1 – PLCnext Store

This section will show navigating to the PLCnext store and creating an account.

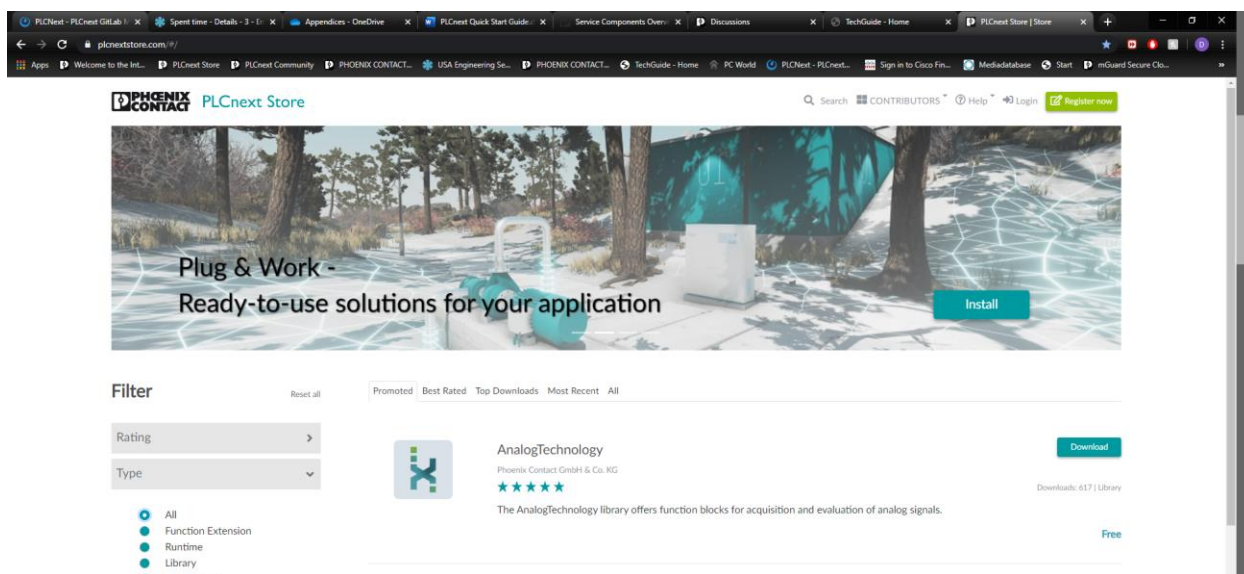## 1.1 – Navigate to the website:

Go to https://www.plcnextstore.com/

Here there will be a list of libraries and example applications that can be used with the AXC F 2152.
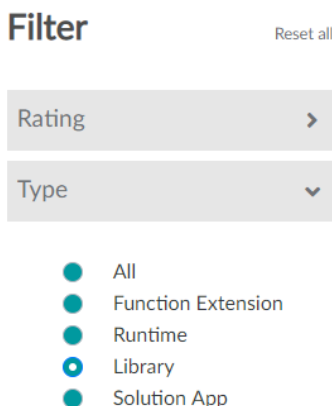
2 – Downloading a library

In this section we will be downloading the AnalogTechnology library for the AXC F 2152, as shown in Figure 2.1-1.
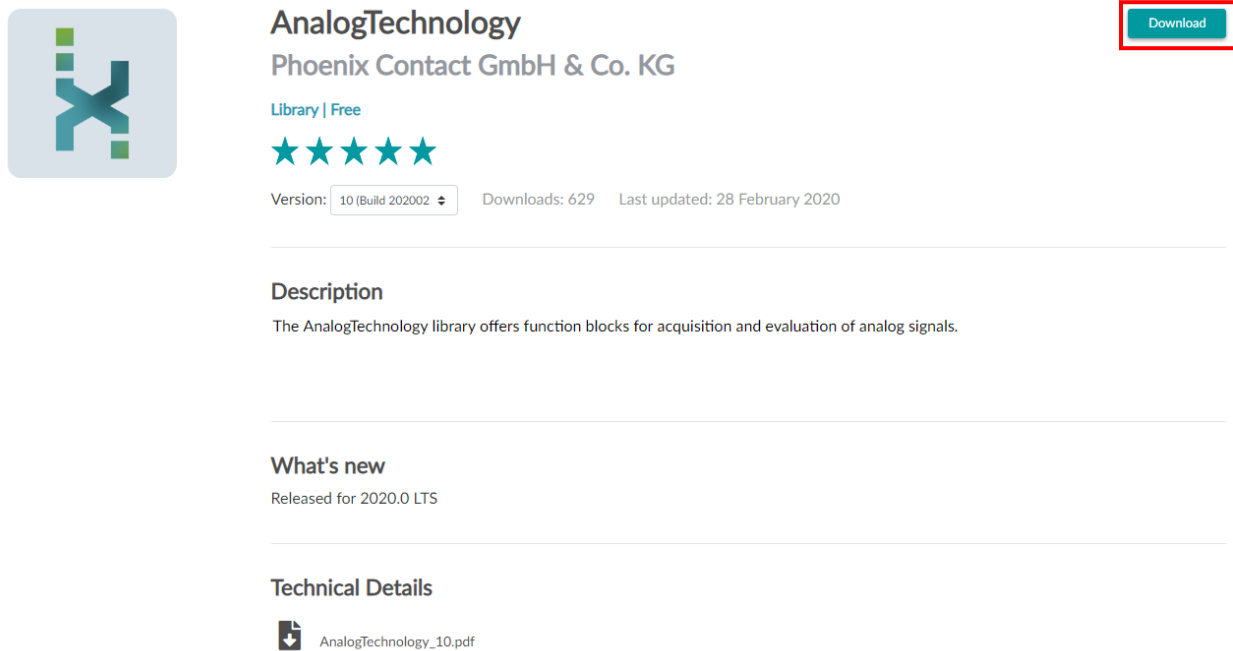
Figure 2.1-1 PLCnext store homepage

1. Use Filter > Type and select "Library" to search for all available libraries for PLCnext Engineer.

2. Select a library, in this example "Analog Technology" was choses. This will navigate you to a new page.
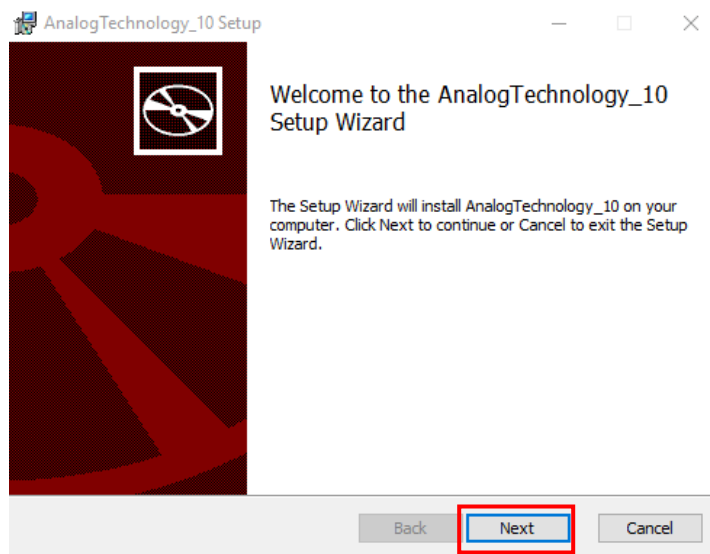
3. Select the download button.

4. Find the downloaded library "NameOfLib.msi" in your downloads folder.

5. Double-click the .msi and file. A window will appear, select "More Info" and select "Run anway".

6. A setup wizard will pop-up, follow the setup wizard until the library is installed.

NOTE: Make sure to make note of the path where the library will be installed.
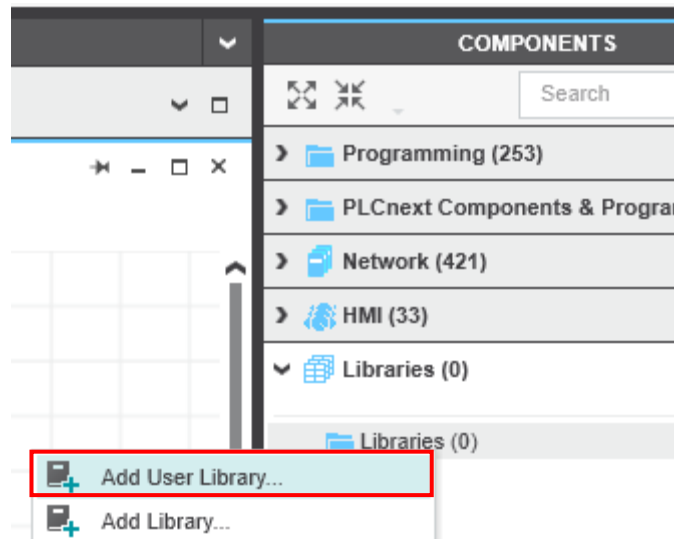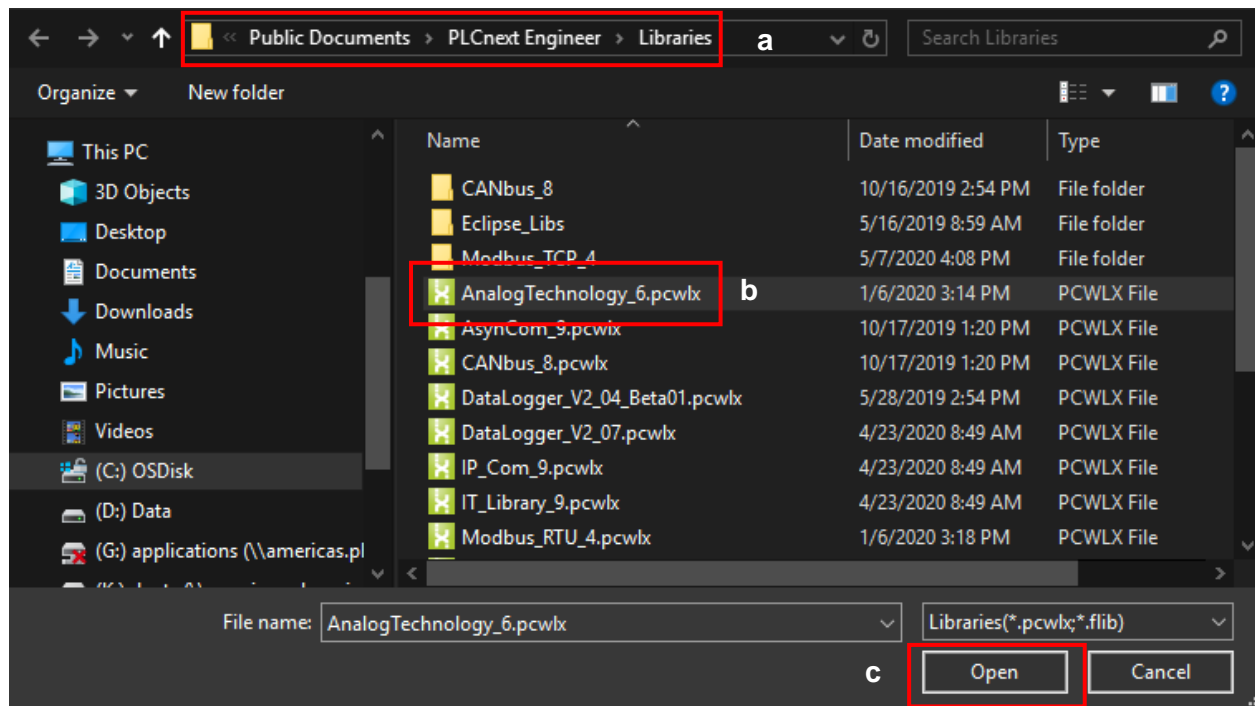

3 – Importing a Library
This section will guide you through the steps of including a library into a PLCnext project.

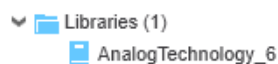1. Open a PLCnext Engineer project. i.e. "MyFirstProject.pcwex"

2. Navigate to Components>Libraries.

3. Right-click on the "Libraries" folder and select "Add User Library.."

4. Navigate to the previously installed library (a), select it (b), and choose "Open"(c).

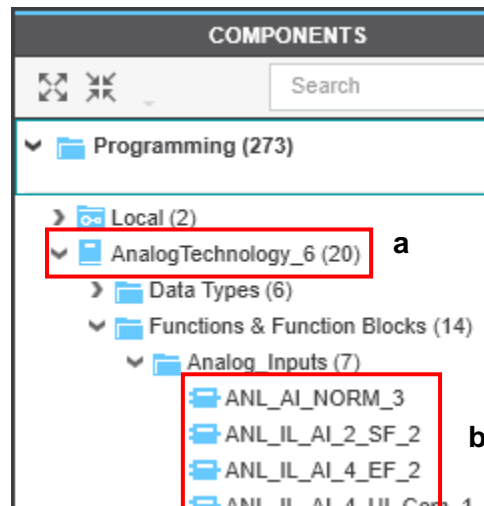5. The library will be imported and appear under the Libraries folder.

4 – Using a Library
This will inform you how to use the imported library in a PLCnext Engineer project.

1. In the project, go to Components > Programming > *Name of Library* (a)

2. Expand the section and a list of functions & function blocks will be made available (b).

3. Now drag'n drop a function or function block into a code sheet to use!

NOTE: Most libraries include help files. To view right-click on a block and select help.