## Title:Getting Started TutorialAudience:BeginnerPLC/SPS Specific:All

This tutorial will show you how to create your first project in myPROJECT Designer and download it to your device.

1. Open myPROJECT Designer. On the left side is a project window. This window is used for navigation in your project.



2. Click on a Projects and then click on New Project in main toolbar.



3. You are presented with dialog window. Please select a directory where your project will be saved, if necessary, create new folder. Confirm dialog. Now new project is created and you can start working.

4. You need to create connection with PLC first. Expand your project and click on communications. Click on new. Select a PLC type and fill in its *IP address*. Fill in *Alias* to be able to reference this PLC in your project.

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Alias:	Μ	
IP:	192.168.1.1	
Port:	502 🗘	
Device ID:	1	
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5. Now select Views in a project tree. Click on a *New View* icon located in the main toolbar. You are presented with a dialog. Here fill in a view name and select orientation of your view.

000		Add New View	
Name:	Demo		Parametric Window
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Confirm by pressing Add button.

6. Now you are in a GUI designer. GUI designer is fully vector based. It has its own toolbar with all common functions such as save, zoom, creating, grouping, and modifying objects, working with layers and finally special functions such as visual scripts and tag usage functions.

Option Bar is located just bellow the GUI toolbar. It allows you to quickly change fill and stroke color, line style and color and also text properties.

7. Lets start with creation of a text element. Click on a text element in a GUI toolbar and than click on the canvas. In the dialog fill in a text "Value is #.#". #.# is formatting pattern and will be replaced for value read from PLC.

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8. Now its time to link text element with PLC tag. Click on a text element and in properties on a right side select *ANIM* (animations). Here you can see a list of all available animations for this element. Select show value and fill in a tag (address) in a form *tag@PLC*. First part is an address and after @ is alias of PLC.



9. Now we will use component from GUI library to show some value. Select library window, locate gauges and drag gouge to the canvas. Now click on the gauge and in properties fill in a tag as in previous part.



10. Now create a button, which will on click write tag to PLC.

• Select rectangle tool from GUI toolbar and draw rectangle on canvas.



• Now select text element in GUI toolbar and click into the rectangle. Fill in text value "Press me!".





• Using mouse select created rectangle and text and click on Group in a GUI toolbar.



• Now go to the properties window and select *set\open* tab. Now select on click action. In a dialog select value tab and fill in tag value.



11. In last step download project to your device. In a project tree select devices and click add new. Select device type and fill in alias (any name will do) and IP address.

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Now click on your project in projects tree and click on download in a main toolbar. In download dialog select your device and click download.



12. Test your project. Open your web browser and fill in the IP address of your device.

