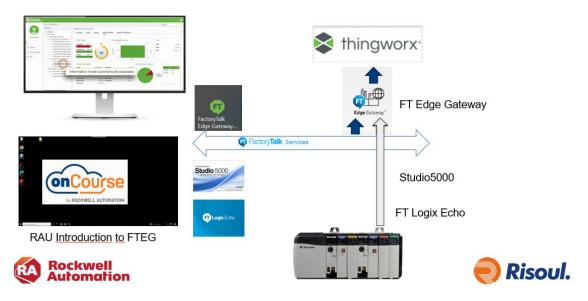
1. Inyección de datos en Thingworx en local en máquina Oncourse



Se pueden usar diferentes máquinas. Hemos hecho la prueba con la máquina RAU: Introduction to FTEG

From IoT to Dashboards

Thingworx credentials

User: Administrator

Password: Rockwell1!Rockwel1!

Seguir los pasos de curso Oncourse "Fromm IIoT to Dashboards" a partir de la página 24

La dirección del PLC físico es 192.168.1.20

Los ajustes de la página 33, punto 13 no funcionan

RAU: Introduction to FTEG

User: Administrator

Password: Rockwell@12345

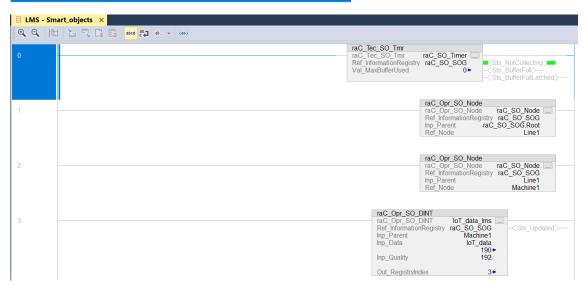
IP addresses 192.168.100.201 slot 1

Cargar programa sine wave con smartobjects y poner en run

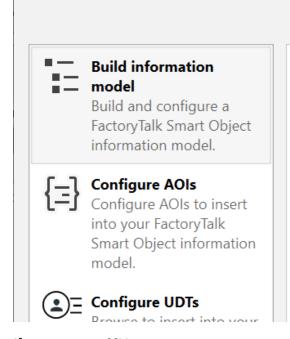
El programa de se puede descargar de aquí

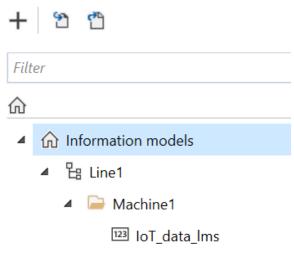
https://github.com/xavierflorensa/Rockwell-sample-programs/blob/main/Sine wave smart objects.ACD

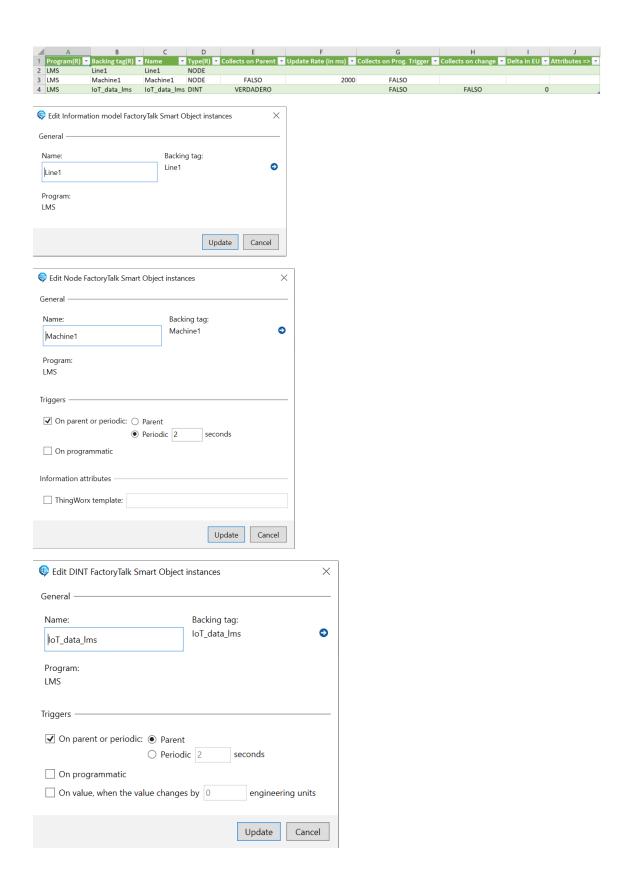
- 🗸 ⊆ Tasks
 - MainTask
 - MainProgram
 - Parameters and Local Tags
 - MainRoutine
 - Smart_objects (25 ms)
 - LMS
 - Parameters and Local Tags
 - Smart_objects

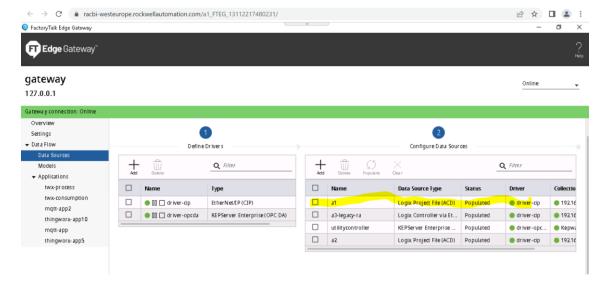


Studio 5000 Smart Object Configurator [C:\Users\Risoul\Downloads\Sine_wave_sm







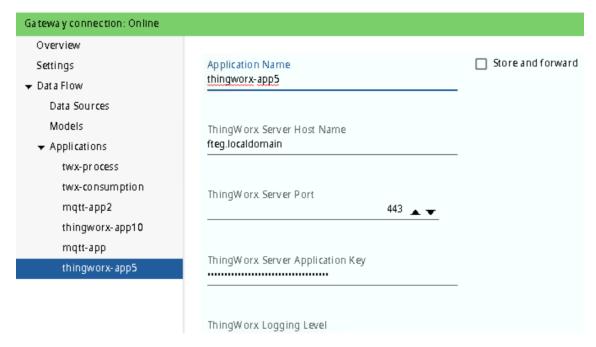


Crear nueva aplicación thingworx

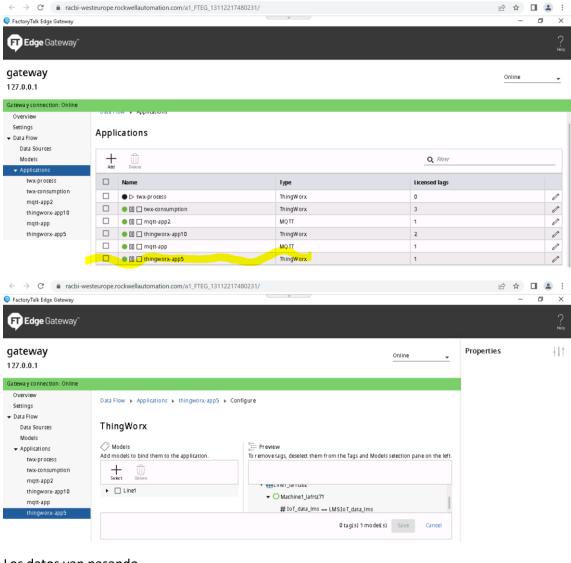


gateway

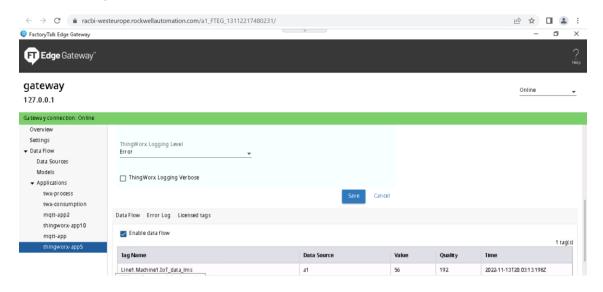
127.0.0.1



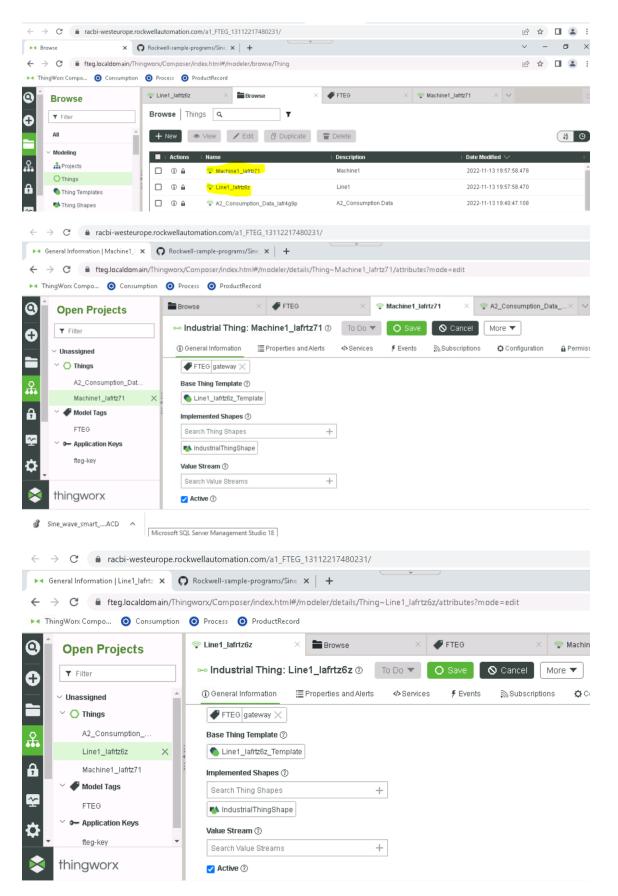
Configurarla



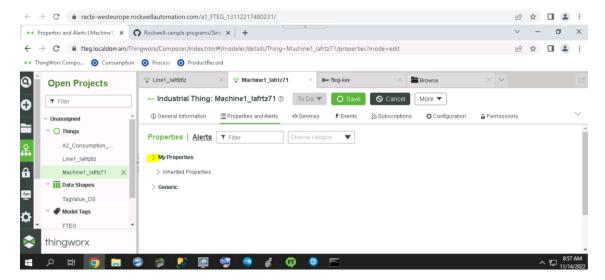
Los datos van pasando



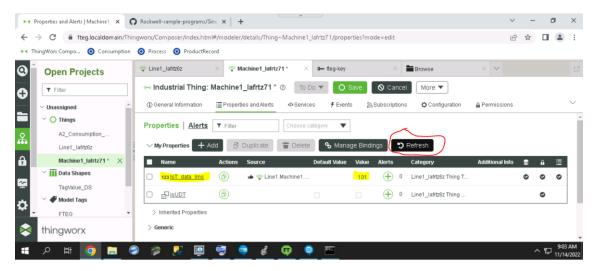
El nuevo modelo se ha insertado pero no vemos el Tag # (aunque así queda en otros ejercicios Oncourse)



Click en Thing / properties and alerts / My properties



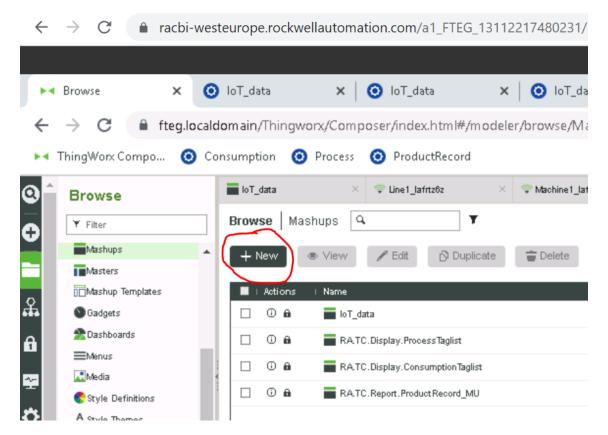
Si le damos a refresh veremos cómo va evolucionando la variable



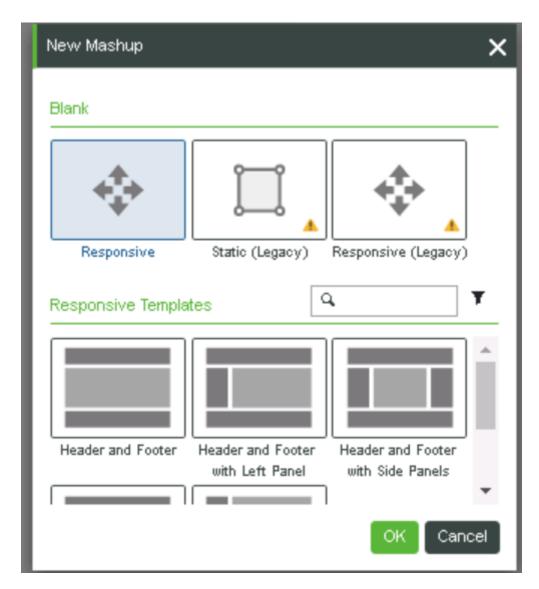
Diseñar un mashup

Seguimos estos pasos

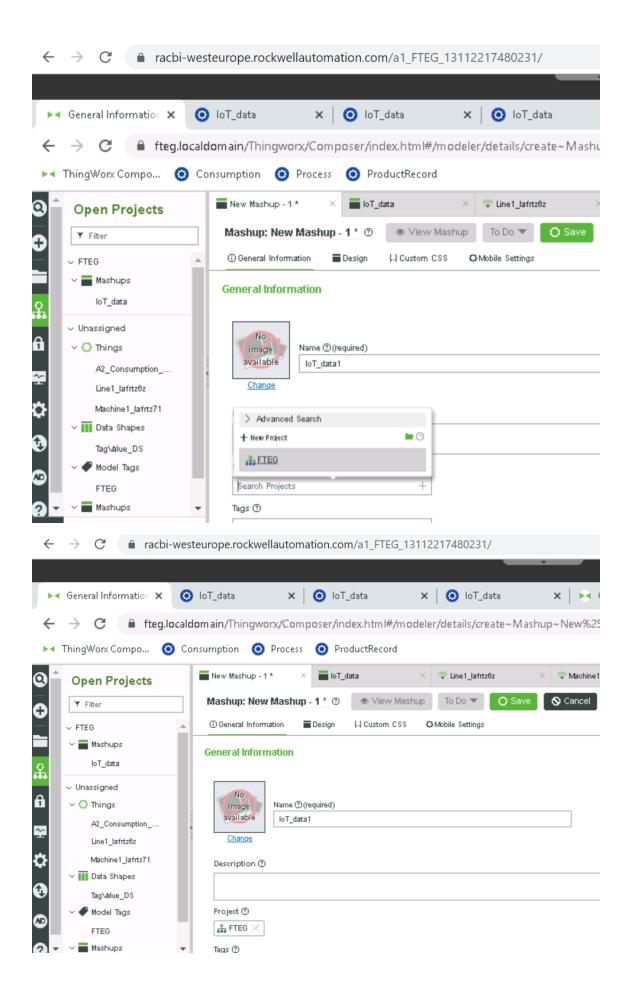
https://developer.thingworx.com/resources/learning-paths/getting-started-on-thingworx-platform/thingworx-foundation-quickstart



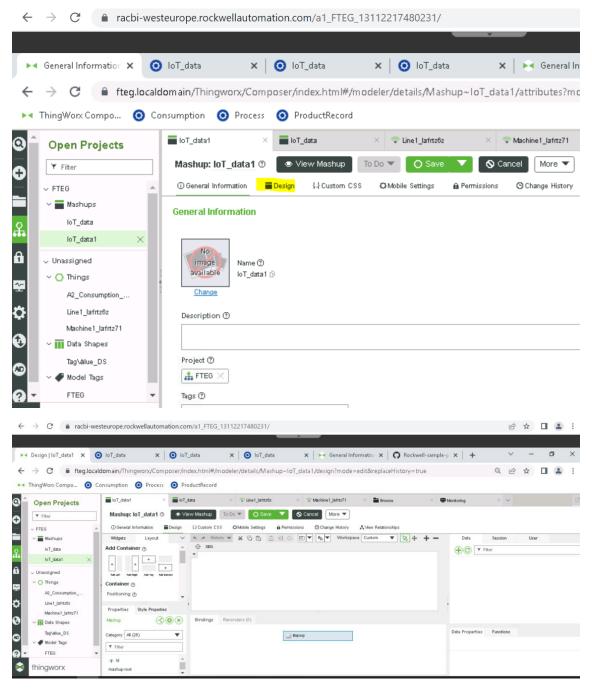
Responsive y OK



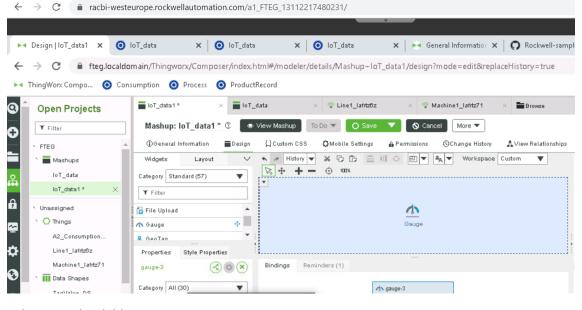
Dar un nombre y seleccionar un proyecto de los que tengamos creados



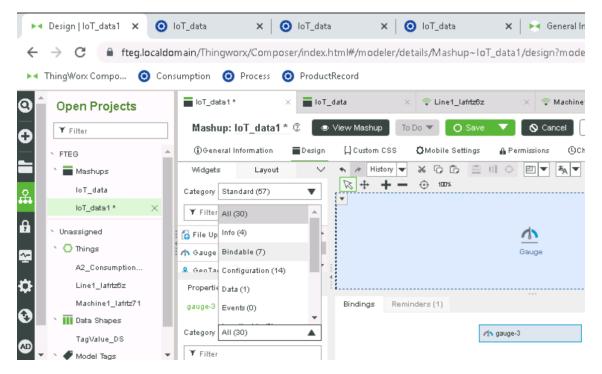
Click en Save e ir a Design



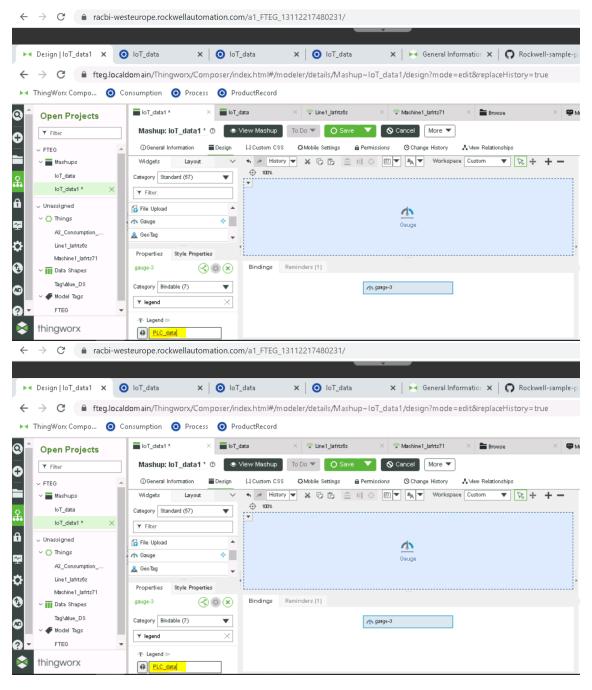
Ir a widgets seleccionar gauge y arrastrar sobre el lienzo en la parte central



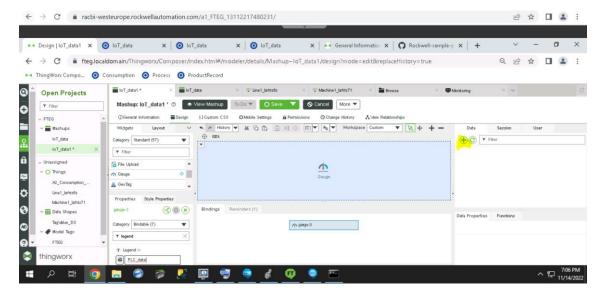
Seleccionar bindable



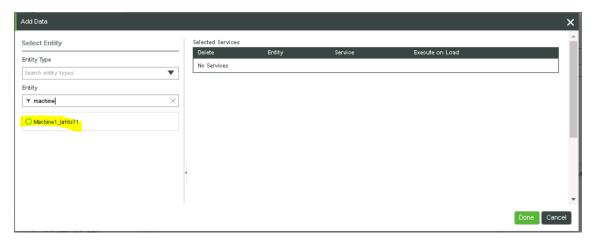
En legend le escribimos el texto que queremos que aparezca



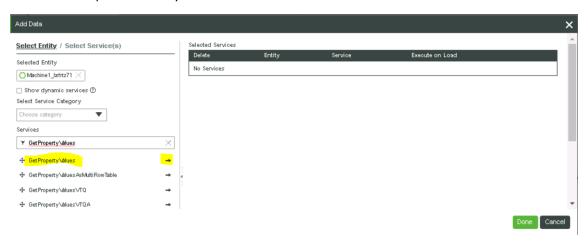
Le damos a + en add data



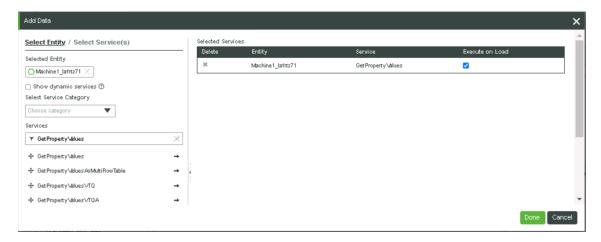
Buscamos el thing machine y hacer click cuando lo encontremos



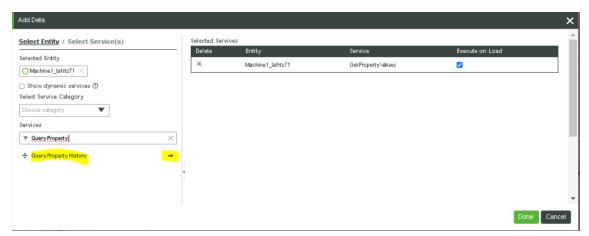
Buscar GetPropertieValues y darle a la flecha



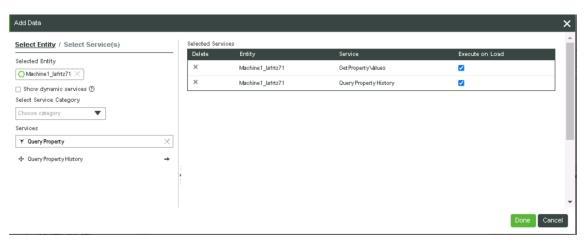
Marcar execute on Load



Buscar QueryPropertyHistory y darle a la flecha

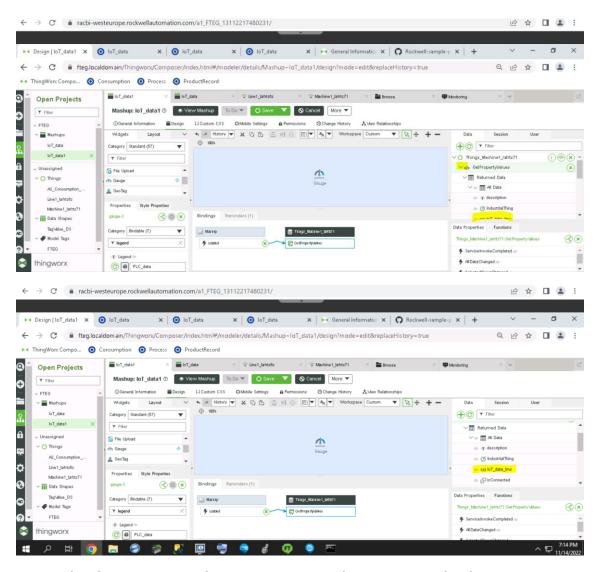


Darle a Done

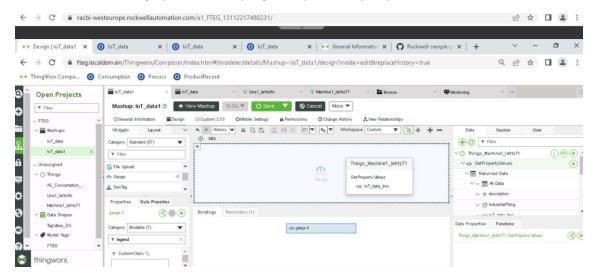


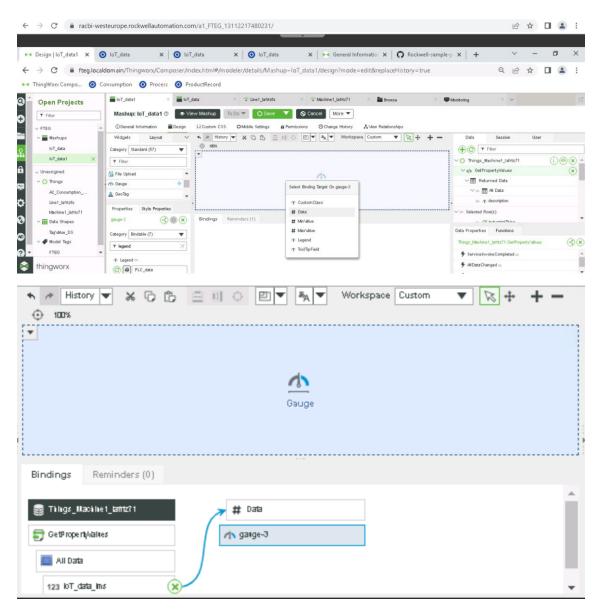
Darle a Save

Desplegar y buscar nuestra variable IoT_data

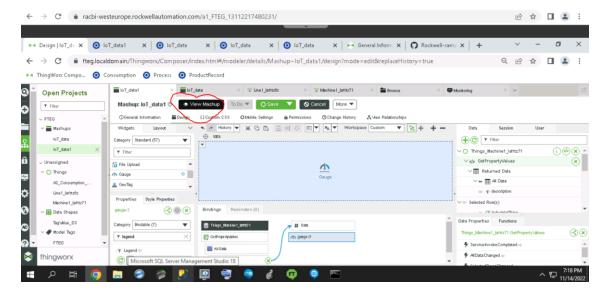


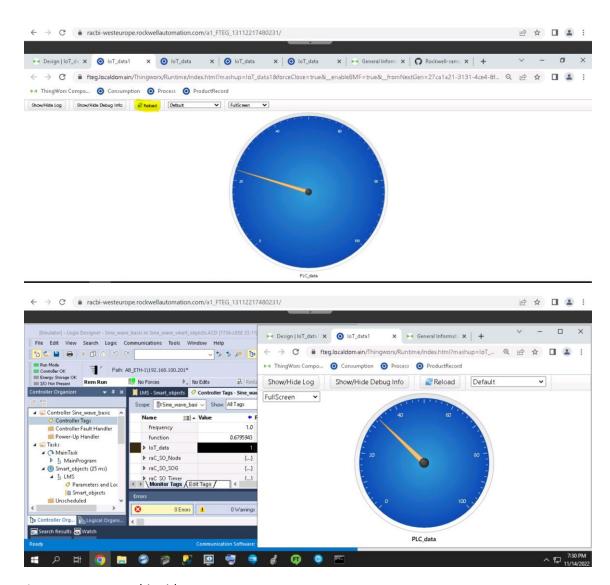
Arrastrarla sobre Gauge y cuando me pregunte que es lo que quiero, indicarle Data





Darle a save y a view mashup





As you can see on this video

https://youtu.be/mnyUrhCx-M4