Enable email based on user status

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Version 1.0

Created on: 4/27/2020

Last Updated: 4/28/2020

Contents

[Step 1: eWON Basic Setup 2](#_Toc6492035)

[Step 2: Bolt Basic Setup 3](#_Toc6492036)

[Step 3: PC settings 4](#_Toc6492037)

Abstract:

This guide will be useful if you want to make the Flexy only send emails to employees that are currently working. The code looks at the tags created for each user and will add their email or phone number to the send list depending on the boolean value of their user.

# Step 1: Creating a user list

1. Go to your values page and create a page for your users.

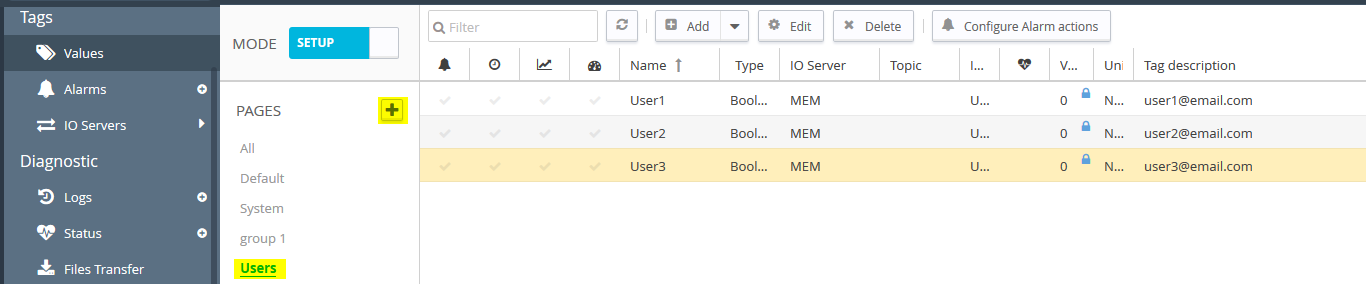


Figure 1: Shows the user page as well as the user tags

1. Create a tag for each one of your users, make sure that you **set the tag description** to be the **email** for that user. Make the tag be a **Boolean MEM** tag. Make sure to set the **Topic Name** to **RET.** This will make it so the value will stay the same even if the device powers down.

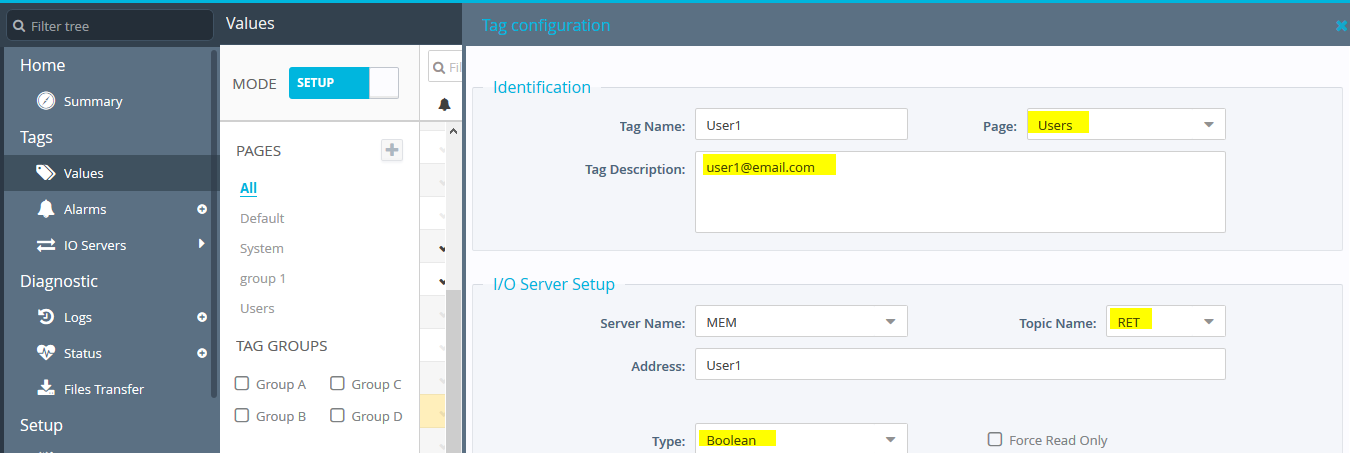
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Figure 2: Shows the tag setup for each of the users

1. Copy the code in the section below and paste it in your **Init** section of the **Basic IDE**.

Note- For the **EmailTo** section there is a **character limit** of **248** including commas and spaces. This code can be modified to use **EmailCC** (ECC) or **SMS** (STO) instead of the **EmailTo** (ETO) tag parameter in the code.

# Used code:

Tset 1, 30 //every 30 seconds it will update the sendlist

Ontimer 1, "goto renew\_sendlist"

renew\_sendlist:

sendlist$ = "" // resets the sendlist back to empty

Goto Active\_users:

End

Active\_users:

n% = GETSYS PRG,"NBTAGS"

i% = 0

//Browse all Tags

For i%=0 To n%-1

SETSYS TAG, "LOAD", -i%

PageId% = VAL GETSYS TAG, "PageId" //looks at your list of user tags

value$ = GETSYS TAG, "TagValue" //grabs the value of the user (0 to remove, 1 to add)

//Print value$

SETSYS TAG, "ETO", sendlist$

SETSYS TAG, "SAVE"

If PageId% = 4 AND value$ = "1" Then // looks only at the tags in that group and checks their value

email$ = Getsys TAG, "Description" // grabs the desription that includes the email

sendlist$ = sendlist$ + email$ + "," // will keep adding onto the for users that have a value of 1

//Print sendlist$

ENDIF

Next i%

If i% = n% Then //once it's gone through every user it will then go onto the next step

Goto setmail:

Endif

End

setmail:

n% = GETSYS PRG,"NBTAGS"

i% = 0

//Browse all Tags

For i%=0 To n%-1

SETSYS TAG, "LOAD", -i% //loads all of the tags info

SETSYS TAG, "ETO", sendlist$ // sets every tag's emailto section to be the emails defined by the user list

SETSYS TAG, "SAVE" // saves the tags

Next i%

End