Relay Controller Adding Relays and Rules

In this guide we will focus on adding relays and alarm rules to the McTech Relay Controller software that you setup in the previous guide. This guide assumes that you have already deployed the Relay Controller software and have it setup to listen on http port 5001

Adding Relays:

The first step in setting up the Relay Controller is to add relays to the software, currently the Relay Control software supports most of the Control By Web brand relays, with the 4-port relay being the most common / recommended relay. Follow these steps.

1. Open a web browser and browse to http://<server ip or hostname>:5001
2. Once the dashboard loads (See example 1) click "Add new Record"
3. Insert all of the required information
    1. Note: the Name column is a supposed to be a unique name for the relay device itself, for example "Nurses Station 1"
4. After filling out the required fields, save the entry and you should see the new entry listed (See example 2)

Your .NET Core Application

Home Rules Builder About Contact

+ Add new record

Drag a column header and drop it here to group by that column

Name	Ip Address	Port	R

0

Copyright © 2024 Progress Soft

Your .NET Core Application

Home Rules Builder About Contact

+ Add new record

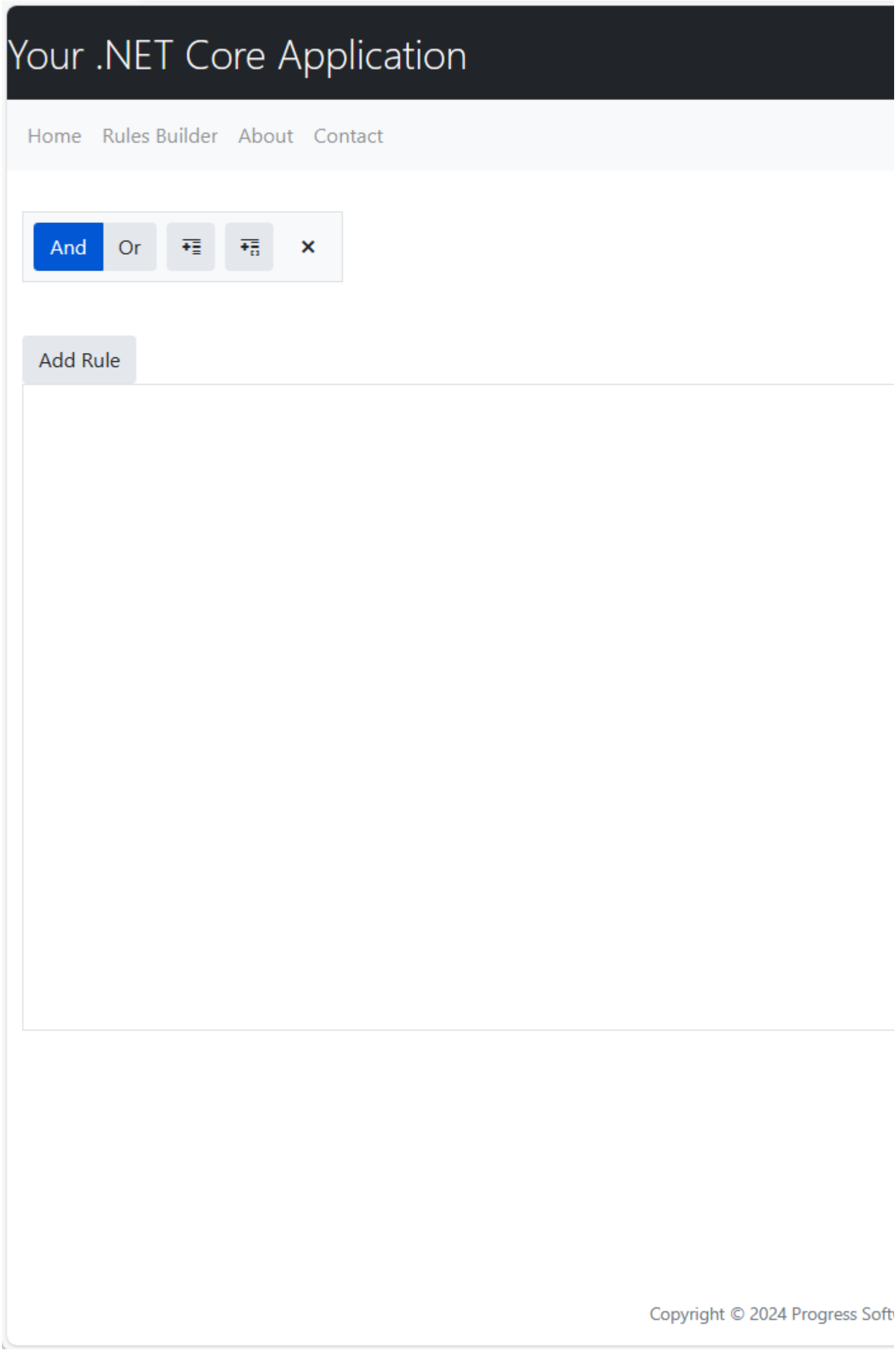
Drag a column header and drop it here to group by that column

Name	Ip Address	Port	R
Nurses Station A	192.168.1.40	80	X

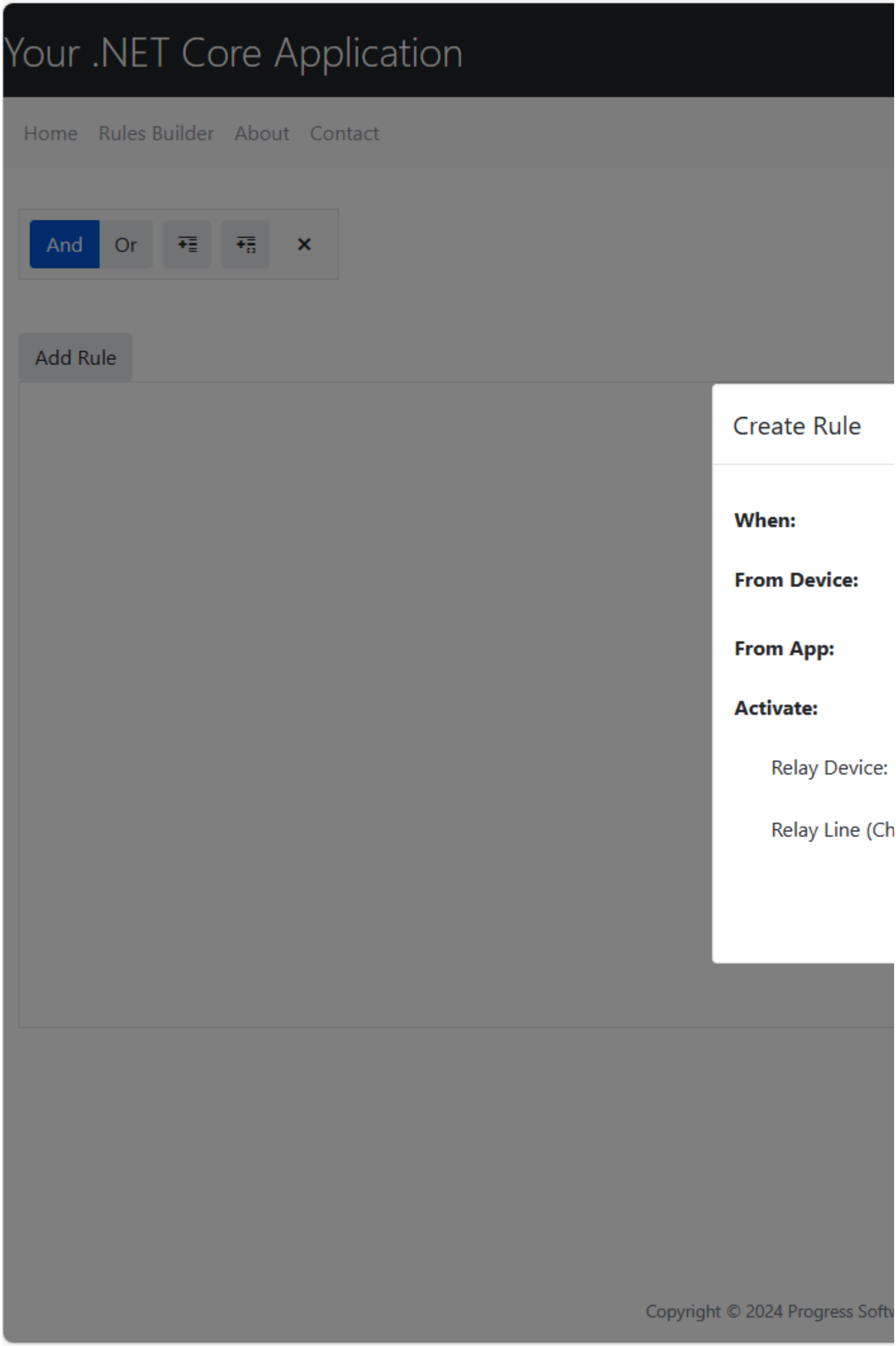
1

Copyright © 2024 Progress Soft

Once you have all of your relay devices added, you can move on to creating rules for when to activate the relays. to do this, click on "Rules Builder" at the top of the page, a page similar to this should be displayed


Your .NET Core Application
Home
Rules Builder
About
Contact
And
Or
Add Rule
Copyright © 2024 Progress Soft

This is the Rules builder page, to create a new rule, simply click the "Add Rule" button, a popup should open asking for more information


Your .NET Core Application
Home
Rules Builder
About
Contact
And
Or
Add Rule
Create Rule
When:
From Device:
From App:
Activate:
Relay Device:
Relay Line (Ch
Copyright © 2024 Progress Softv

When creating a new rule, all fields are required except the "From Device" field, if this field is left blank then the software will activate this rule anytime the selected alarm is received.

If you device to populate the "From Device" textbox, make sure to enter the serial number of the device that should trigger this rule, for example if you have a door at nurses station B with a serial number of 123456, you would simply enter "123456" in the "From Device" text box

Once you have created all of your rules, you can begin testing the integration by raising alarms in any of the supported products (MC6/SW6/AW6/WW6) and your relays should activate based on the rules you have configured.

Revision #2
Created 4 March 2024 15:24:16 by Brad Davis
Updated 4 March 2024 15:43:18 by Sarah Davis