

Sharky





A large, abstract graphic element in the bottom-left corner consists of two overlapping curved shapes. The inner shape is a darker shade of blue, while the outer shape is a lighter shade of blue. They overlap in a way that suggests depth, with the darker shape appearing to be in front.

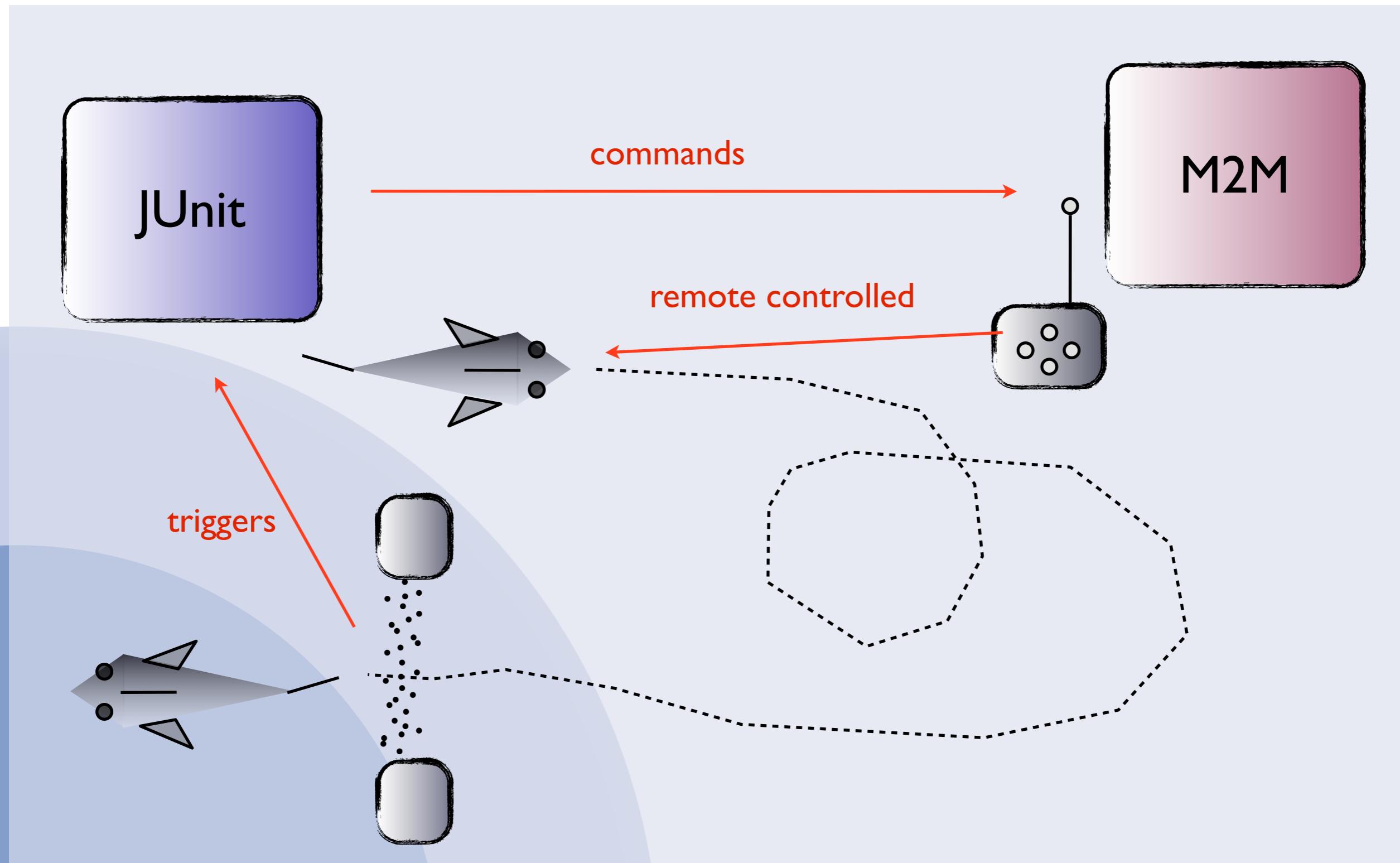
M2M





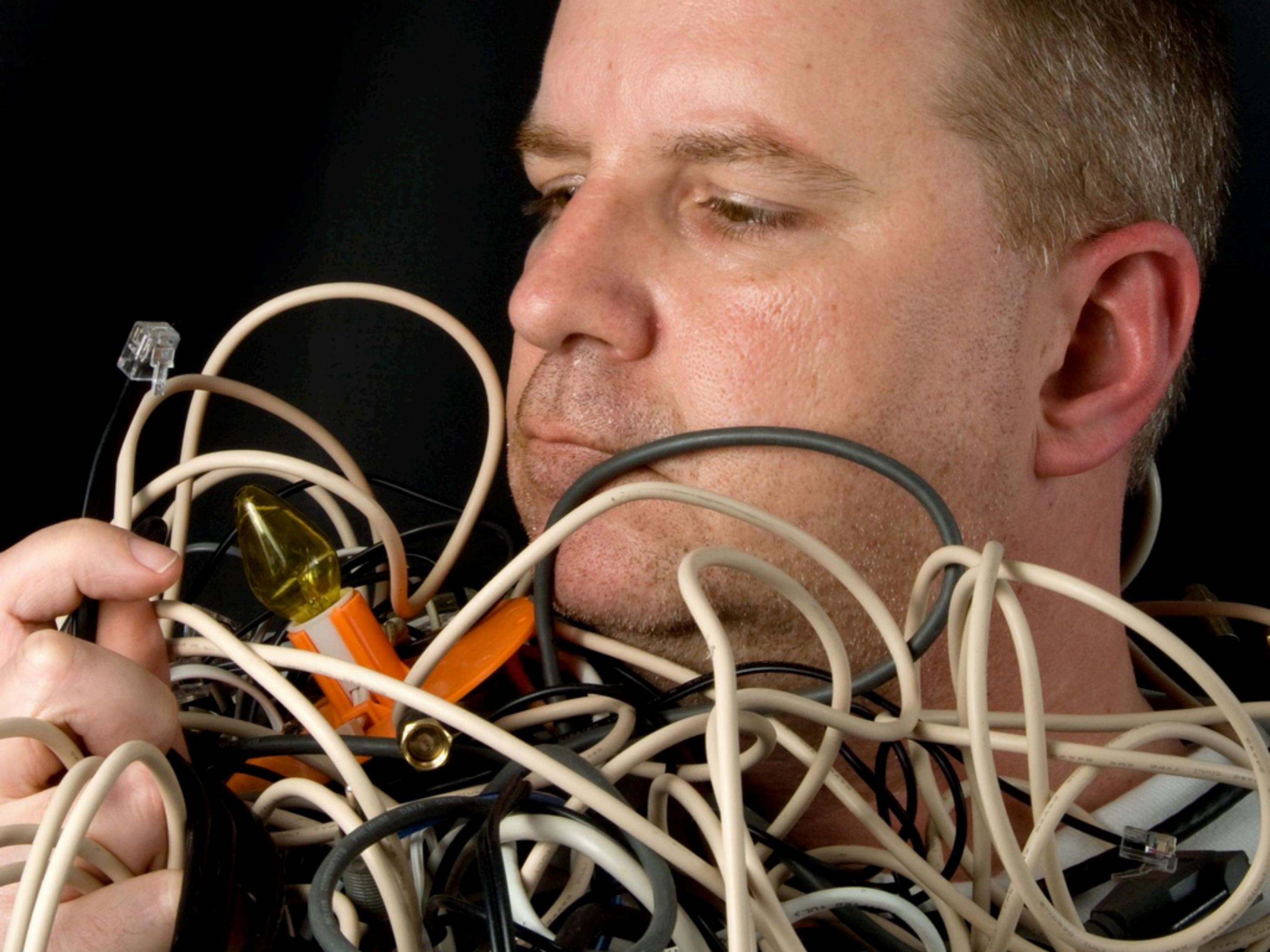
ultra Sonic Sensors

The background features abstract, overlapping curved shapes in shades of blue and white, creating a dynamic and modern feel.

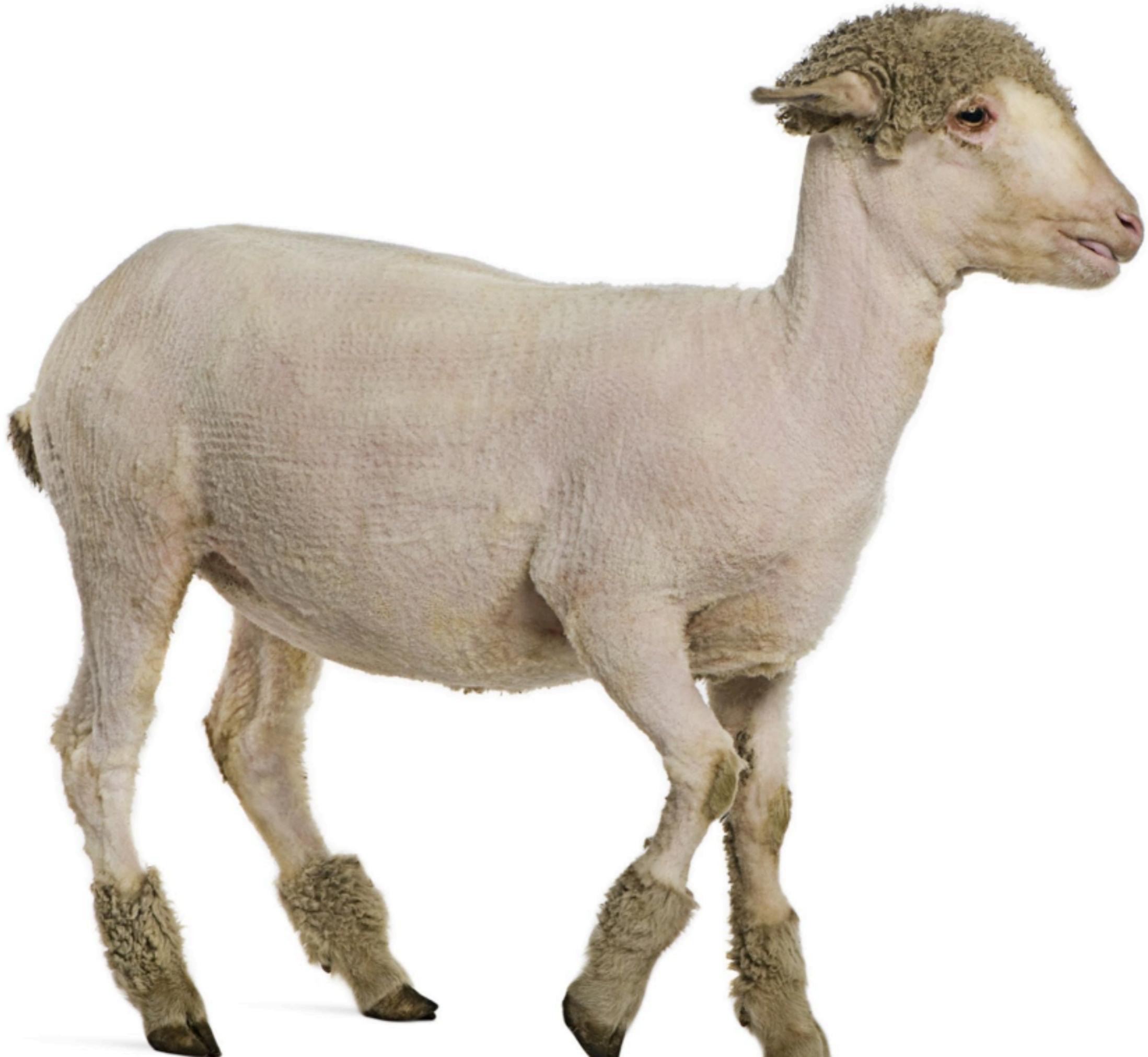




Petra Bierleutgeb
Klemens Edler
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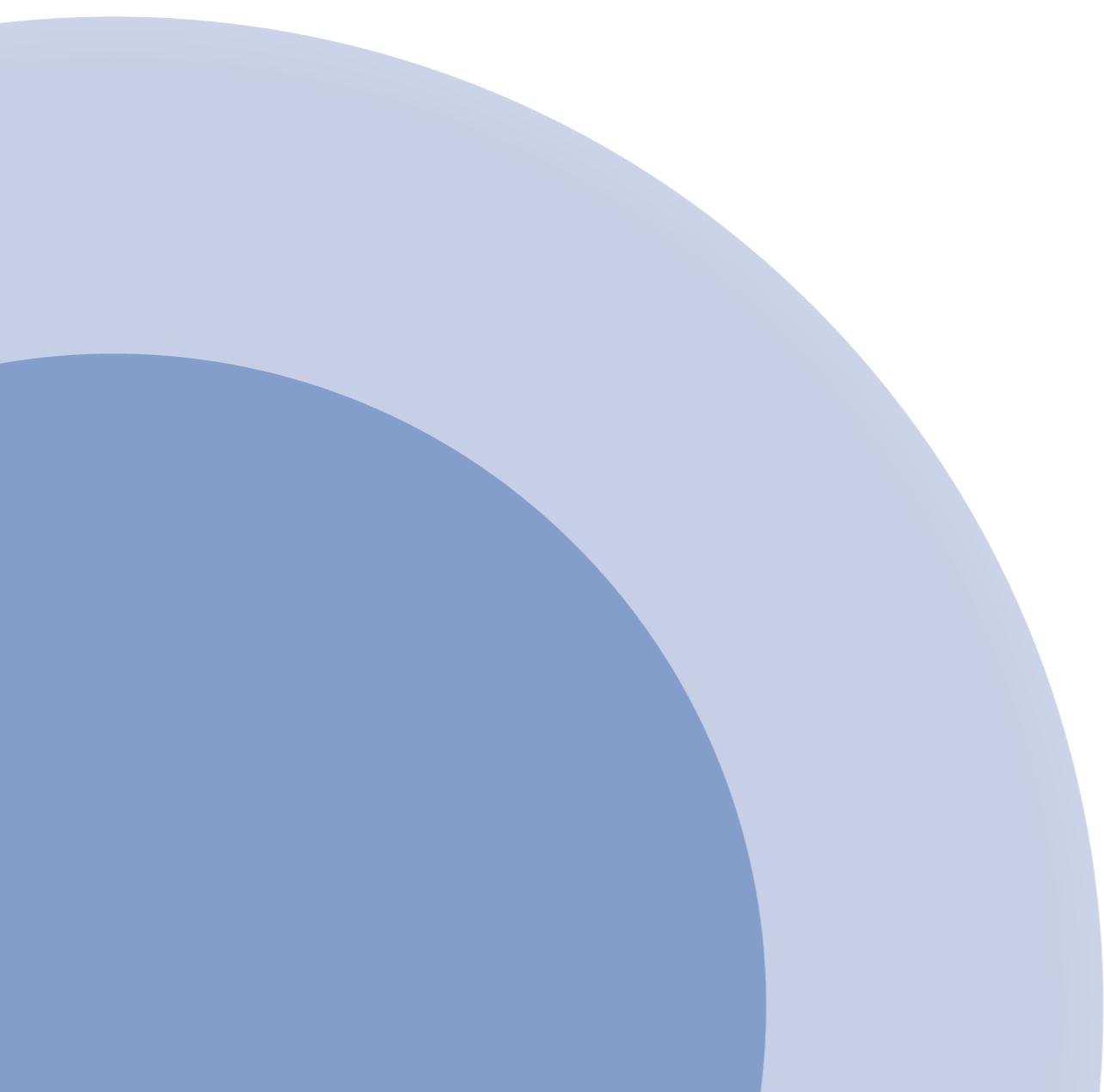


sharky No 1

Sharky by lunifera.org

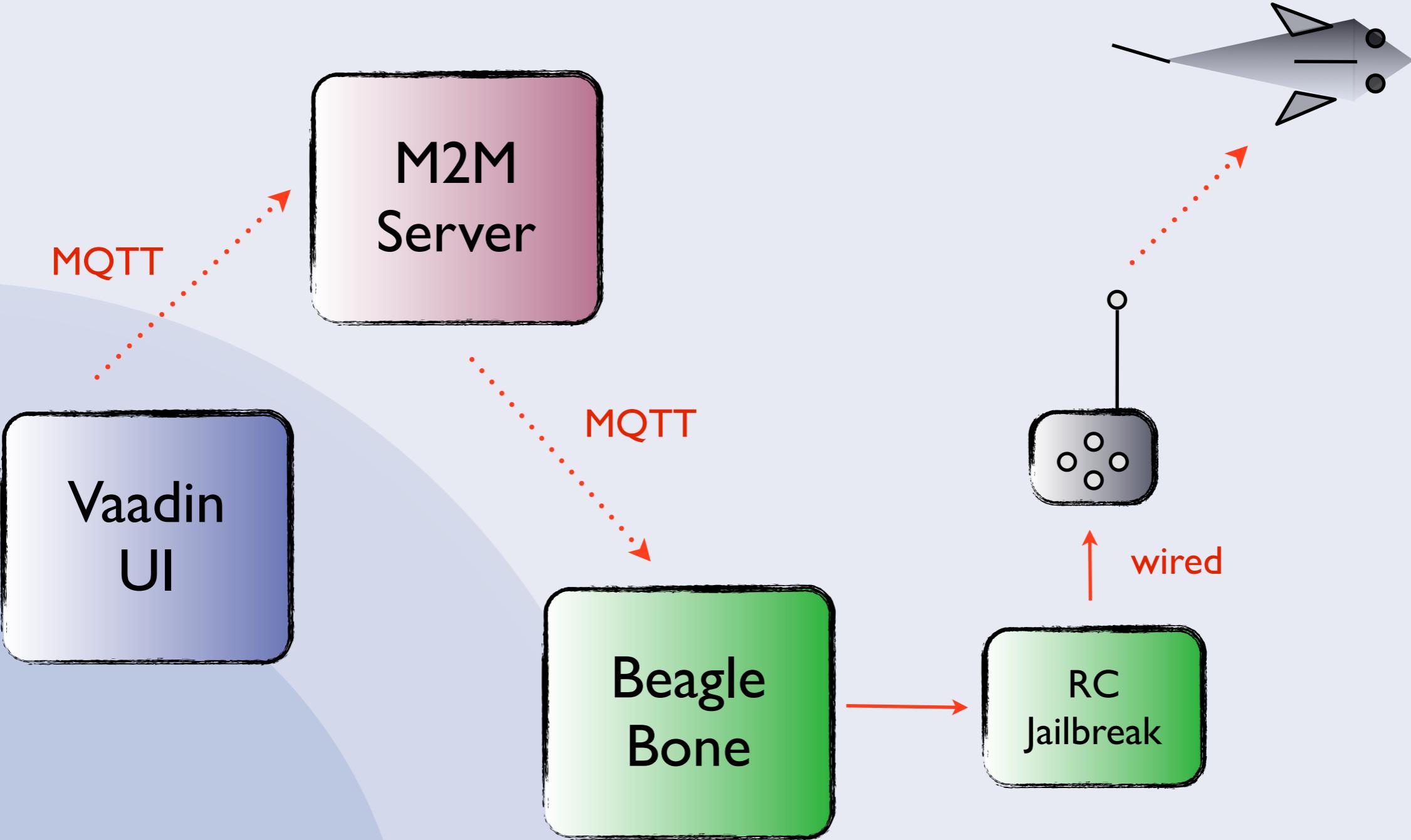


How Sharky works

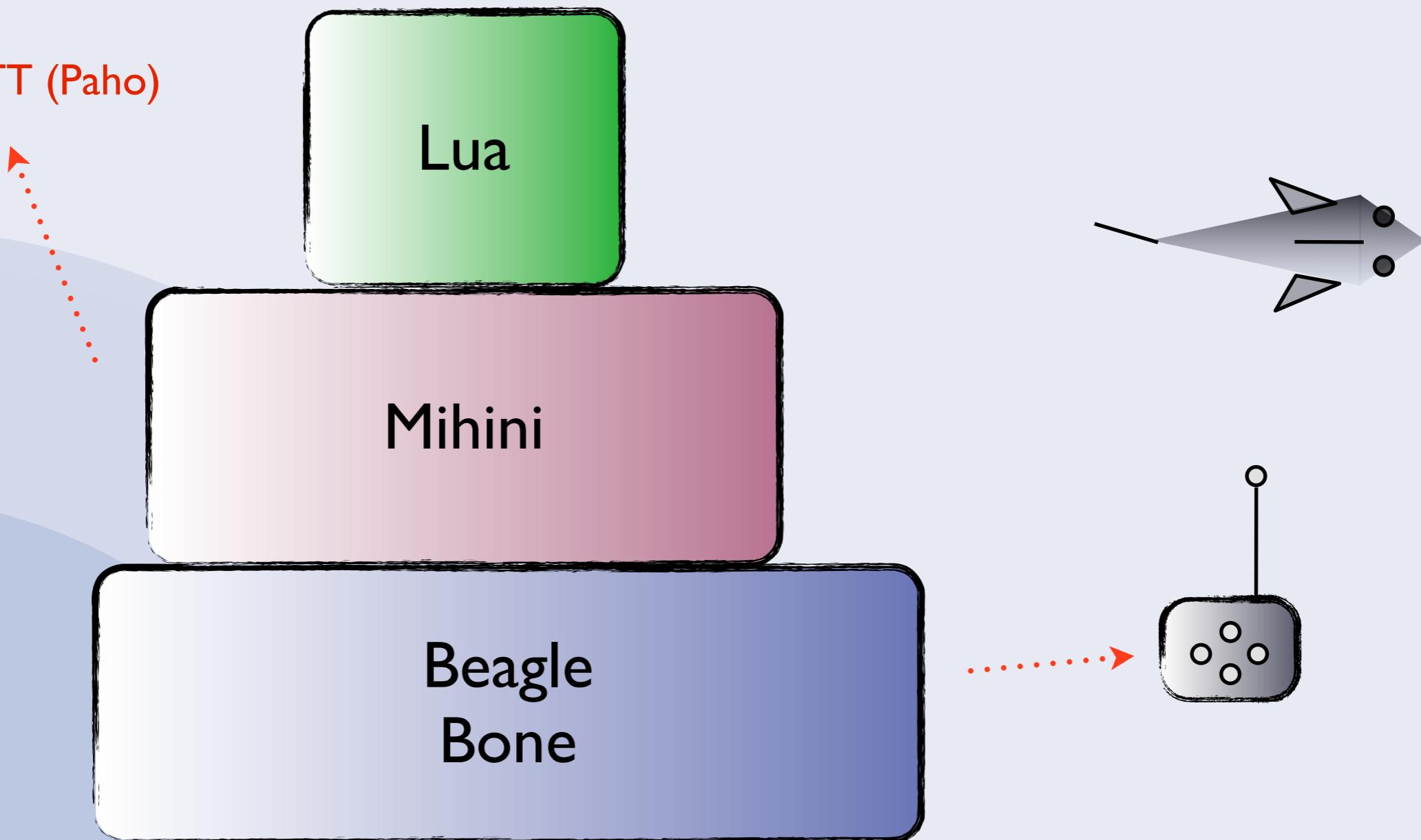


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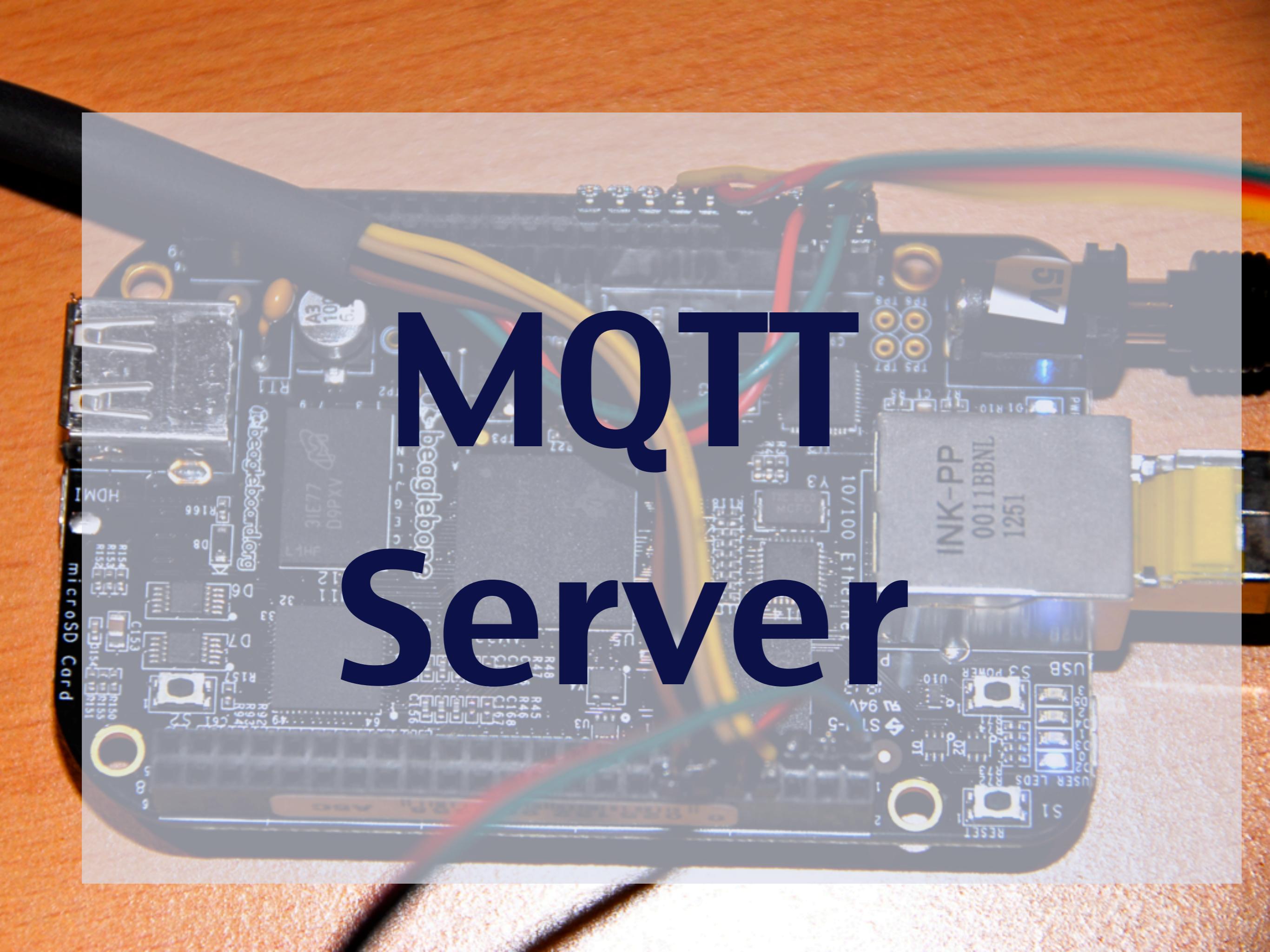
How to RC with M2M

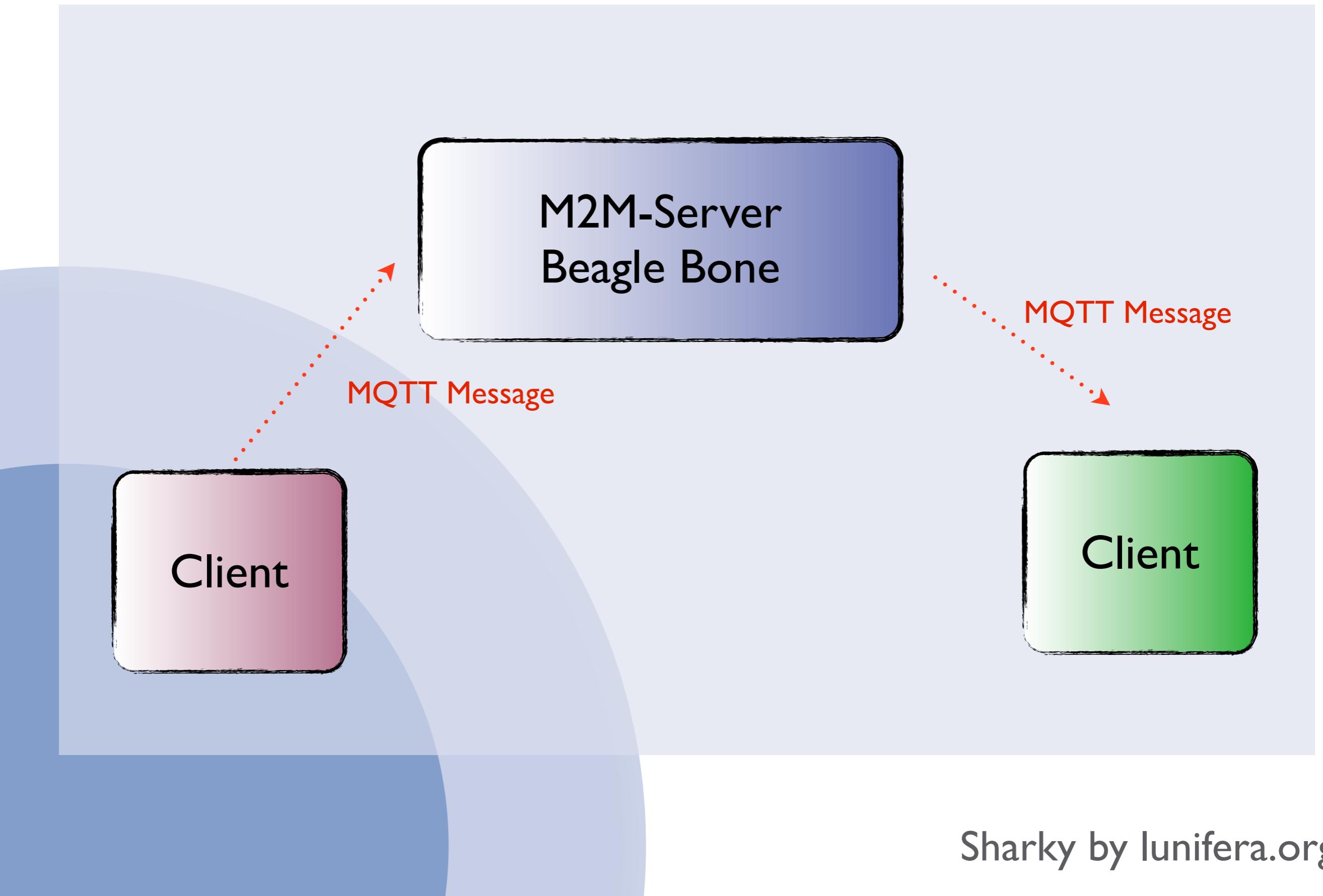


MQTT (Paho)



MQTT Server

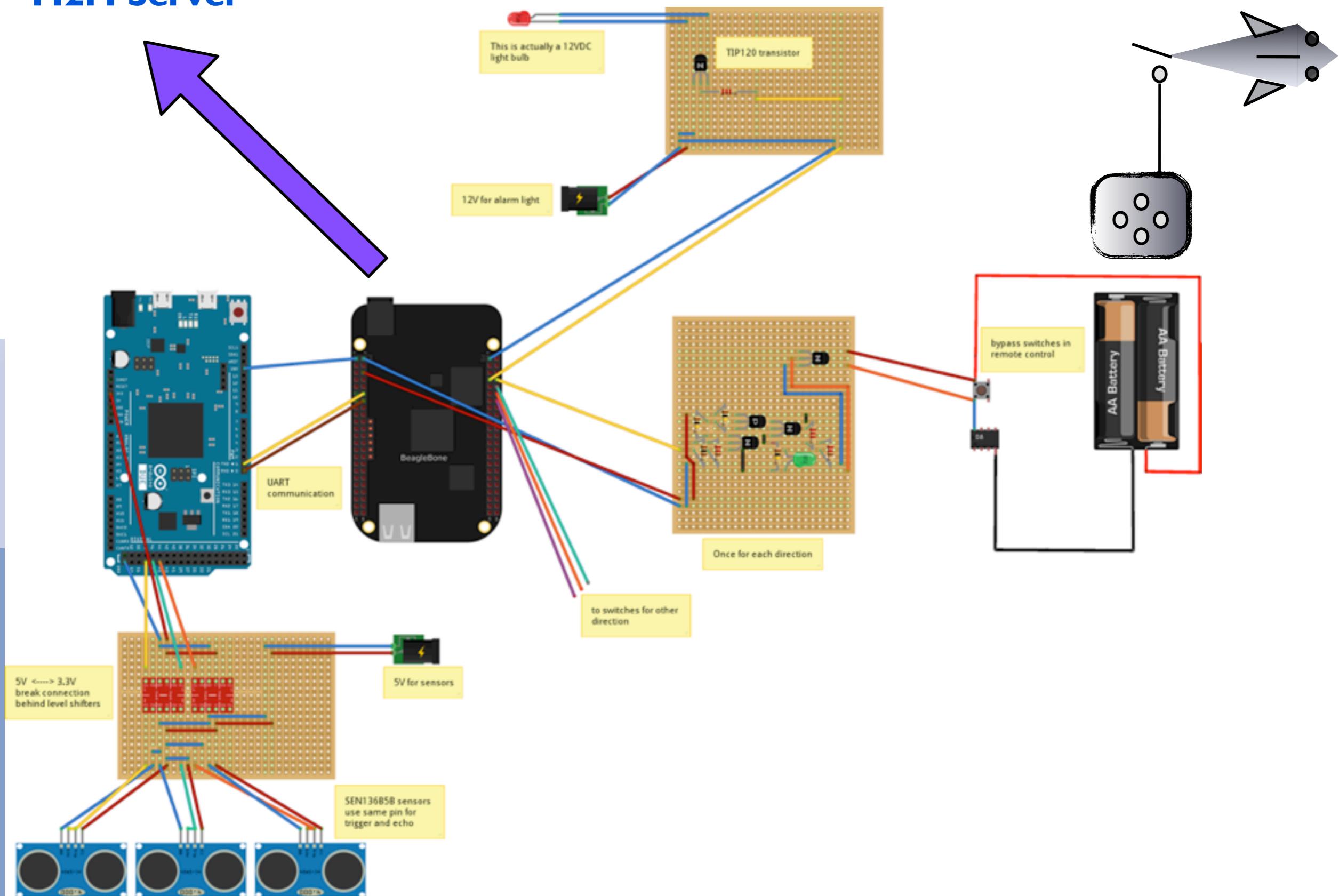




A photograph of a breadboard with various electronic components and wires. The breadboard is light-colored with a grid of holes. Several wires of different colors (red, blue, black, yellow) are soldered to the board, connecting various components. A green LED is visible, along with some resistors and capacitors. The breadboard is placed on a light-colored wooden surface.

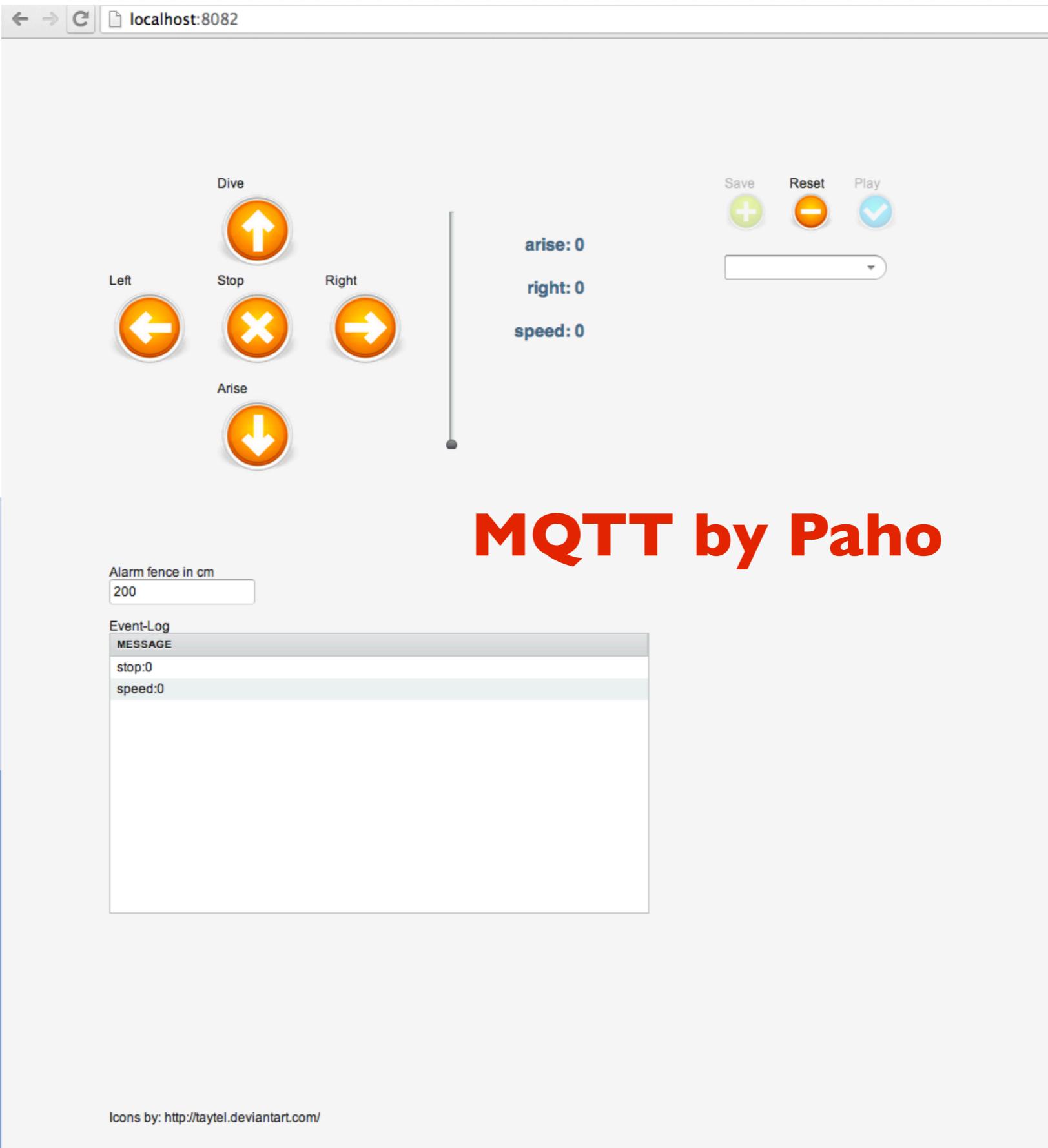
Bridges
RC
Buttons

M2M Server

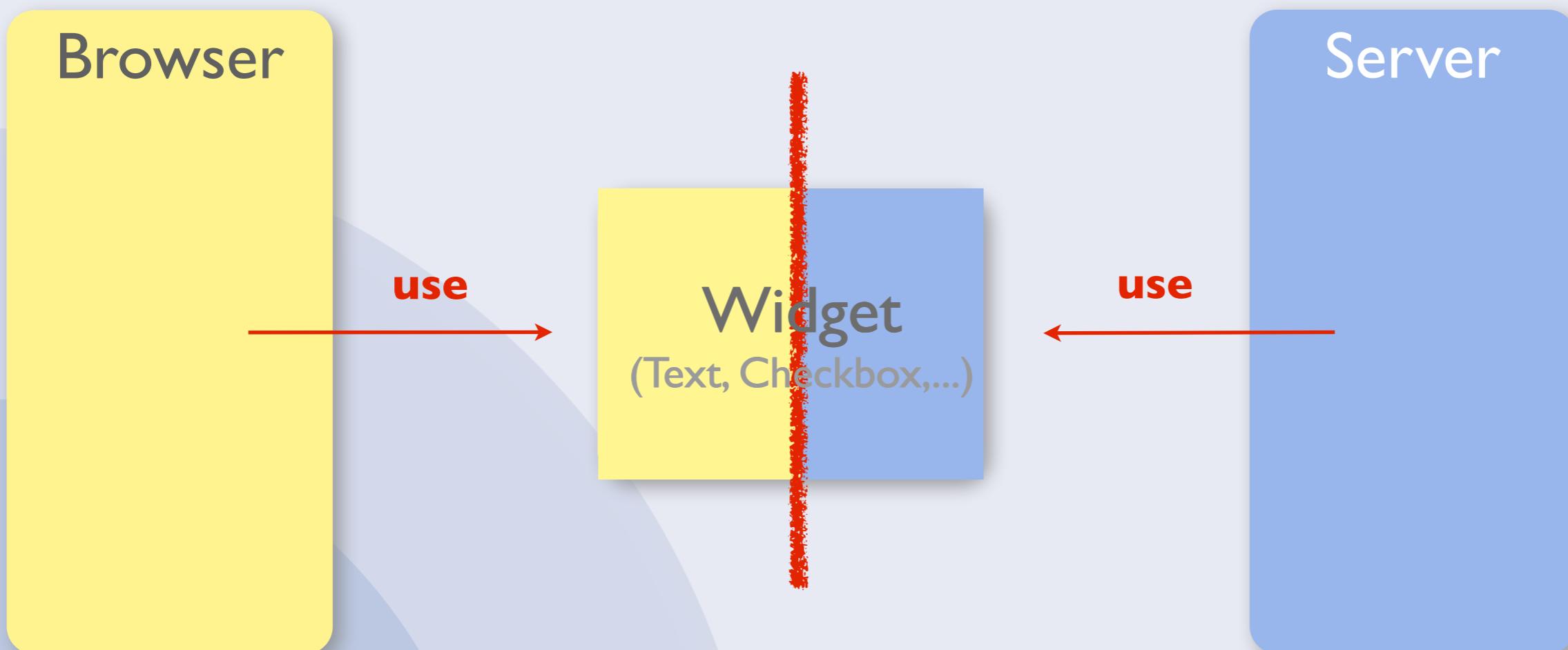


Made with Fritzing.org

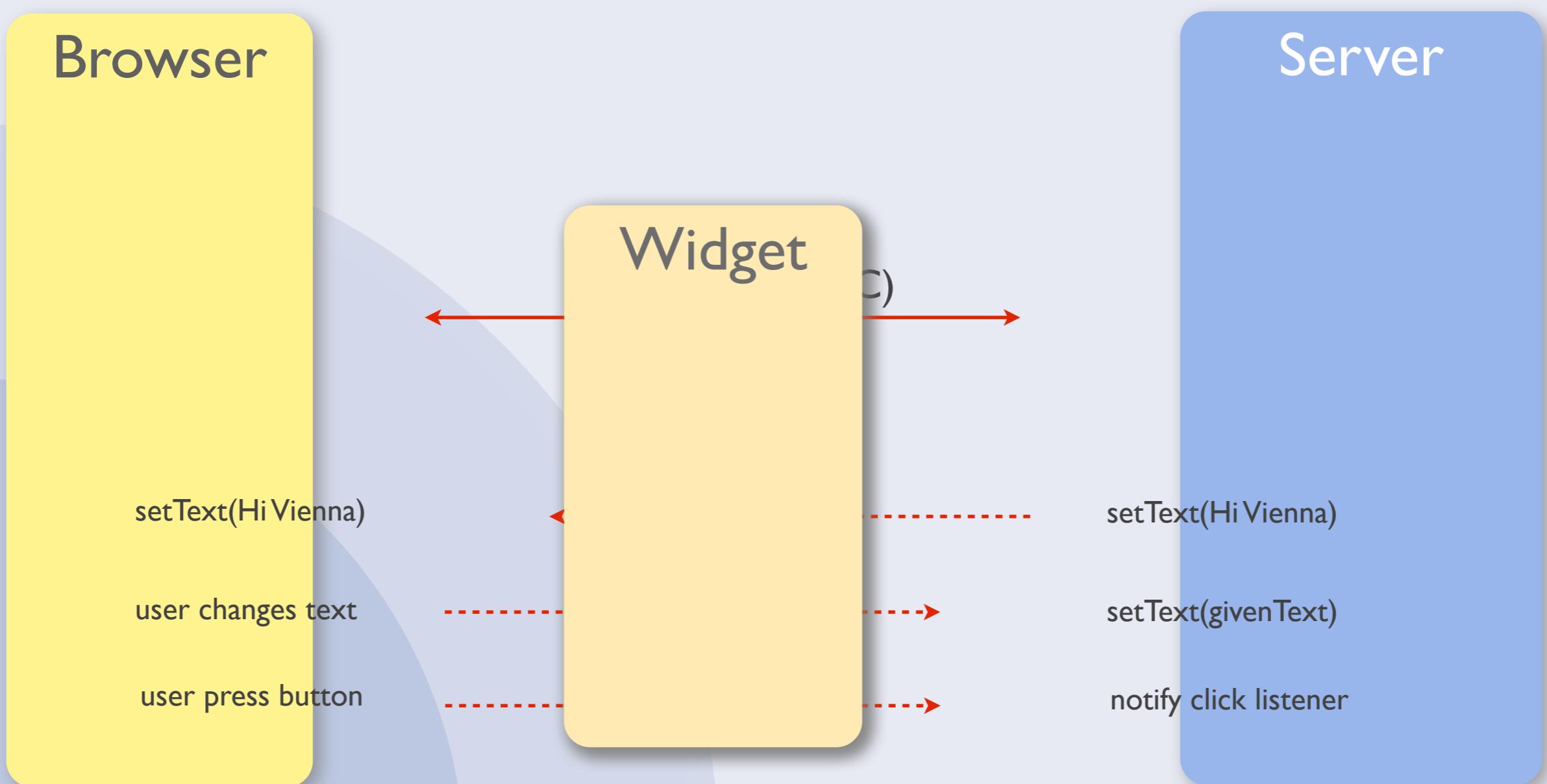
Sharky by lunifera.org



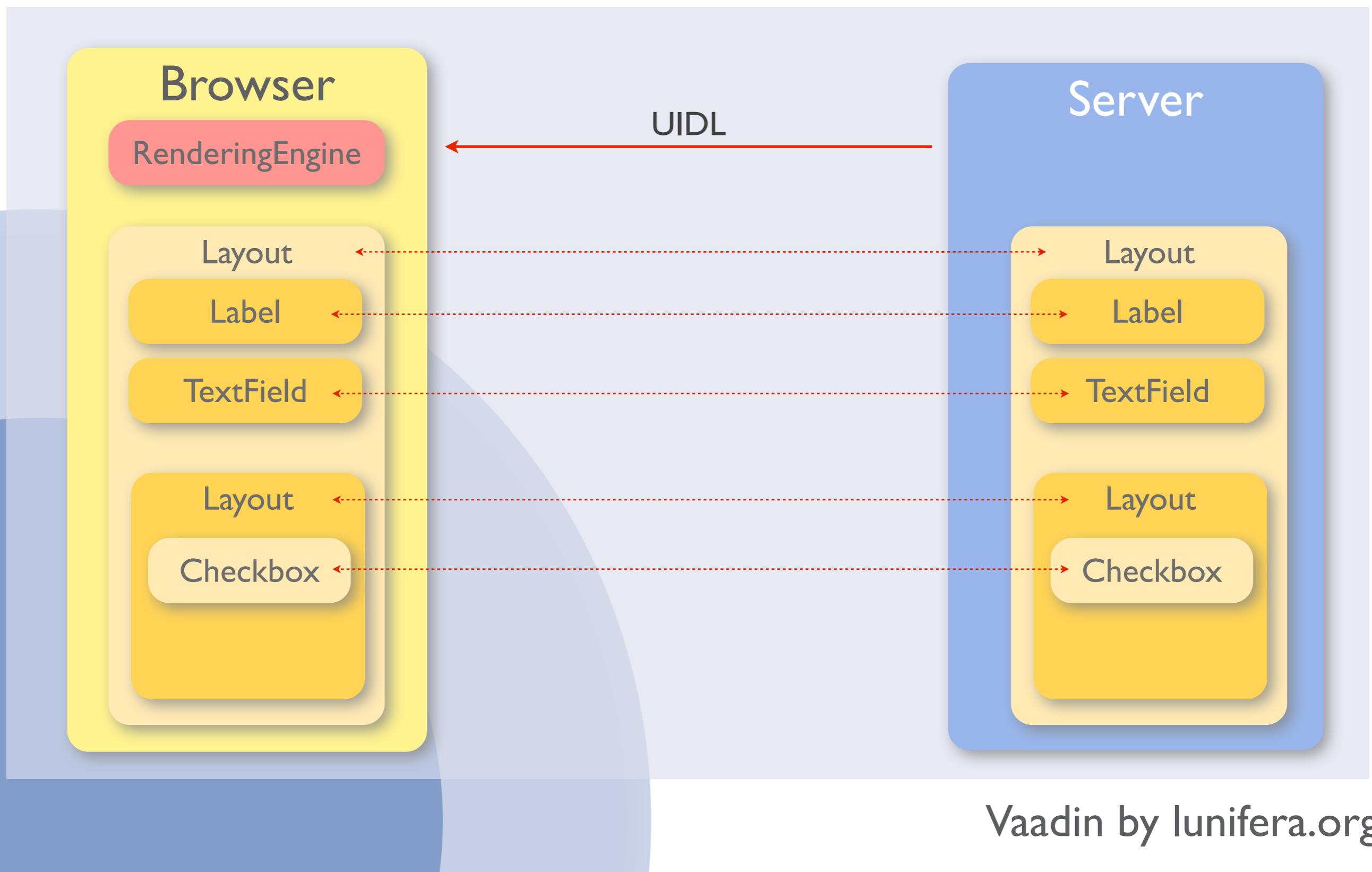
Vaadin

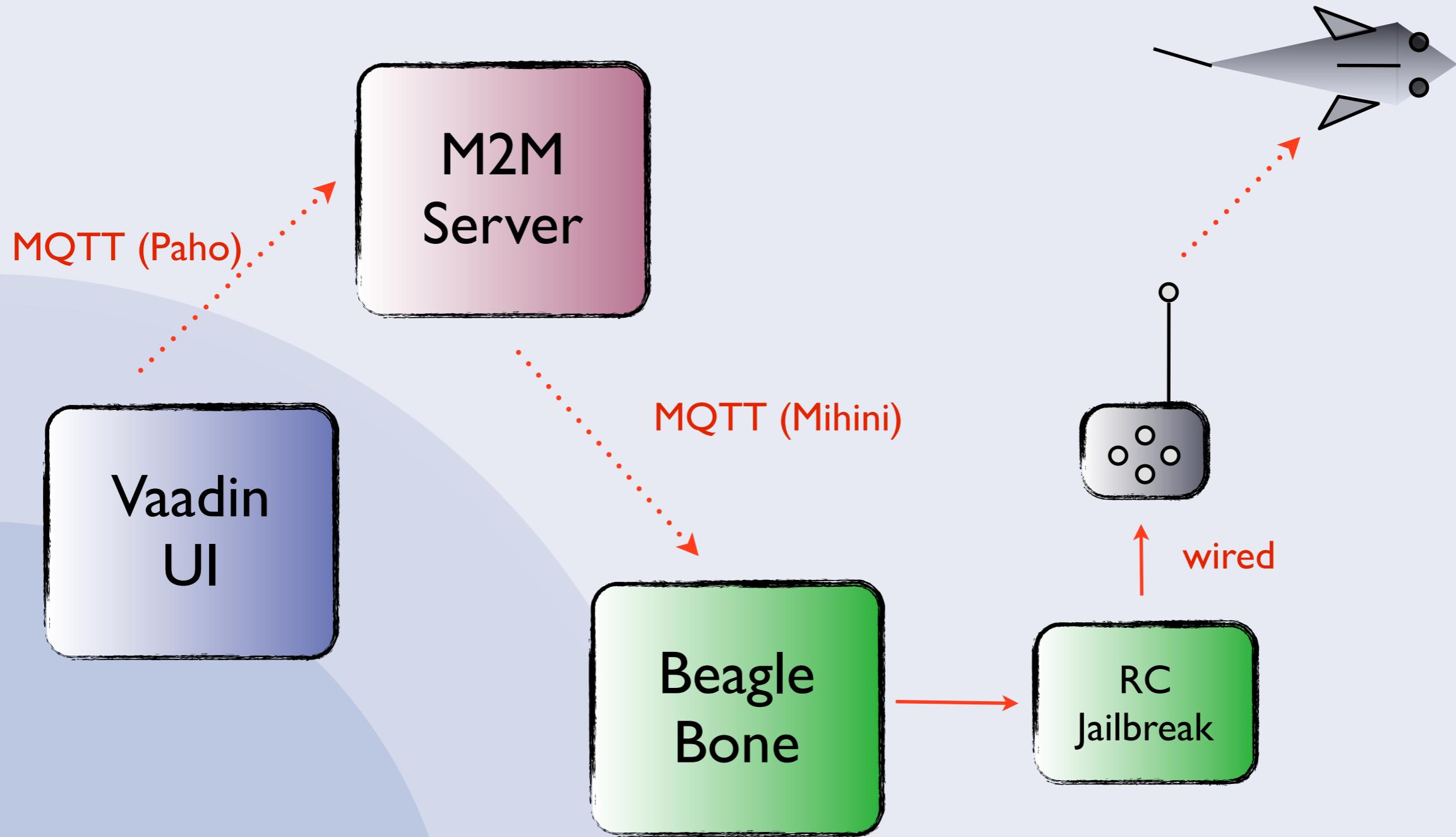


Vaadin

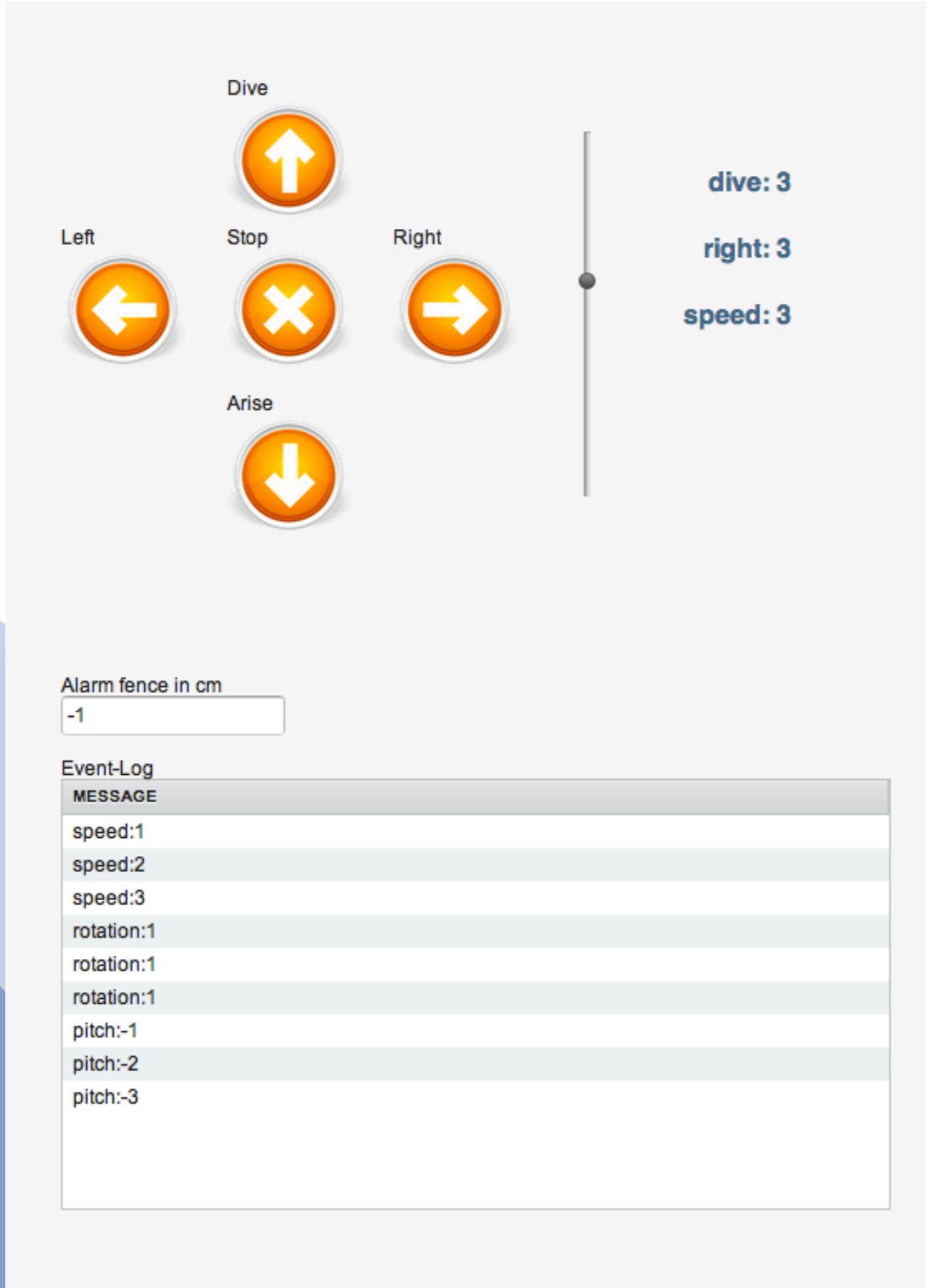


Vaadin





How to control by web



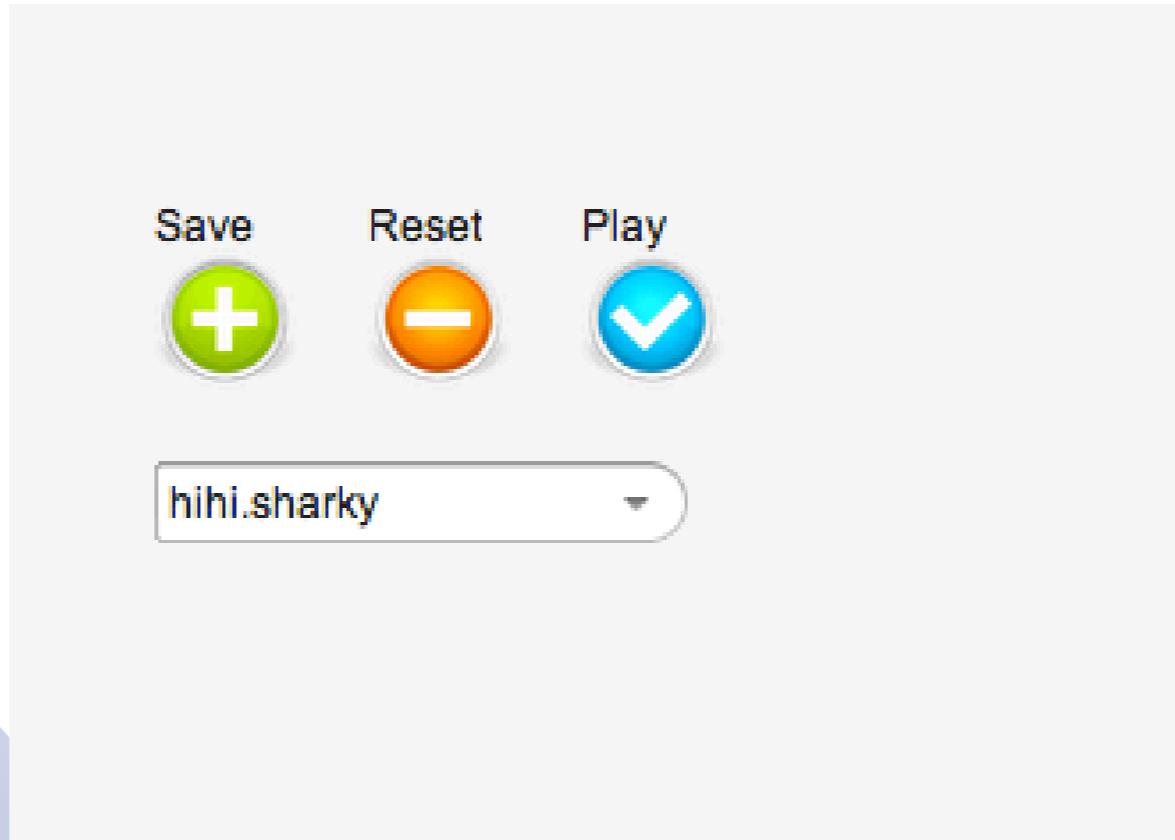
wanna
use
your tablet?

wifi: sharky

sharkynet

<http://10.0.0.99:8082>

How to store commands



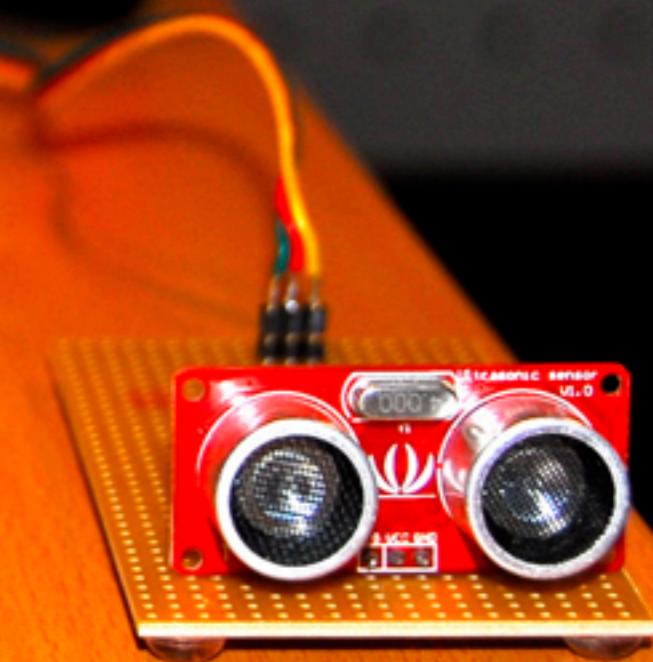
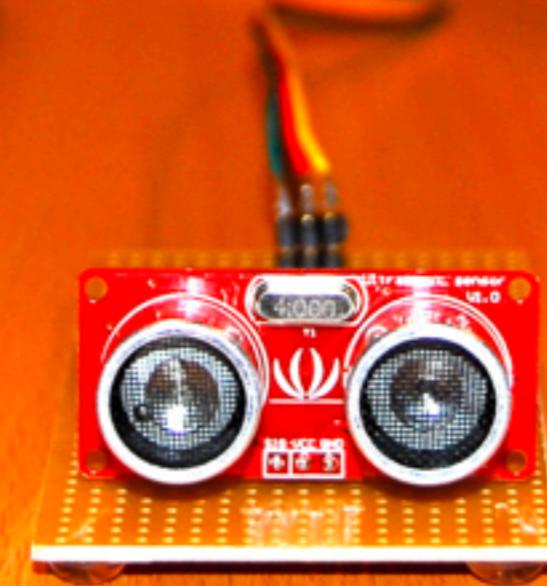
Sharky by lunifera.org



**shark
alarm**







The screenshot shows the Eclipse IDE interface on a Mac OS X system. The menu bar includes Apple, Eclipse, File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The title bar indicates the current file is Java - org.lunifera.m2m.standalone.sharky.commander/src/org/lunifera/m2m/standalone/sharky/commander/test/TestSharkAlarm.java - Eclipse. The toolbar has various icons for file operations like New, Open, Save, Cut, Copy, Paste, Find, and Run. The left sidebar shows the Package Explorer with 'org.lunifera.m2m.standalone' expanded, revealing 'Sharky Standalone' and 'test'. The central workspace displays the code for 'TestSharkAlarm.java'. A context menu is open over the code, with the top item '1 TestSharkAlarm' highlighted in blue. Other options in the menu include 'Run As', 'Run Configurations...', and 'Organize Favorites...'. The code itself is a JUnit test:

```
package org.lunifera.m2m.standalone.sharky.commander.test;

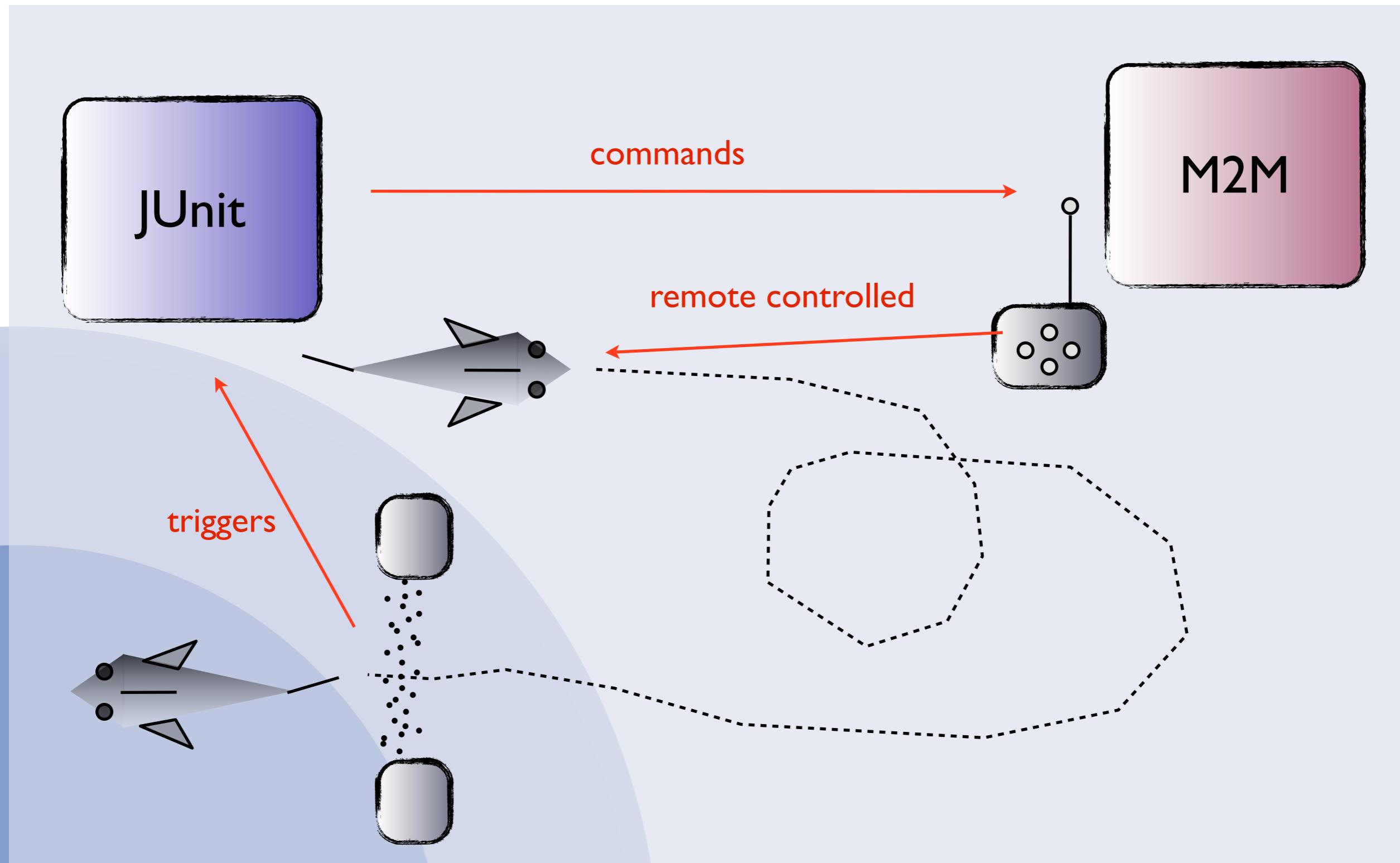
import org.eclipse.paho.client.mqttv3.IMqttDeliveryToken;

public class TestSharkAlarm {

    private volatile boolean alarm;

    @Test
    public void test() throws InterruptedException, MqttException {
        Thread.sleep(2000);
        ISharkyController.CommandRecorder recorder = new CommandRecorder();
        Controller c = new Controller();
        c.getMqtt().subscribe(ISharkyController.ALARM_TOPIC);
        c.getMqtt().setCallback(new MqttCallback() {
            @Override
            public void messageArrived(String topic, MqttMessage message)
                    throws Exception {
                if (topic.equals(ISharkyController.ALARM_TOPIC)) {
                    alarm = true;
                }
            }

            @Override
            public void deliveryComplete(IMqttDeliveryToken arg0) {
            }
        });
    }
}
```



A large, abstract graphic element in the bottom-left corner consists of three overlapping circles. The top circle is light blue, the middle is medium blue, and the bottom is dark blue. They overlap in a way that suggests depth, with the dark blue circle appearing to be the furthest back.

**Who
did it
look like?**



who
does it
look like
now?



@piflo