

LORRIS TOOLBOX

Microprocessor Application Development Kit

<http://tassadar.github.io/Lorris>

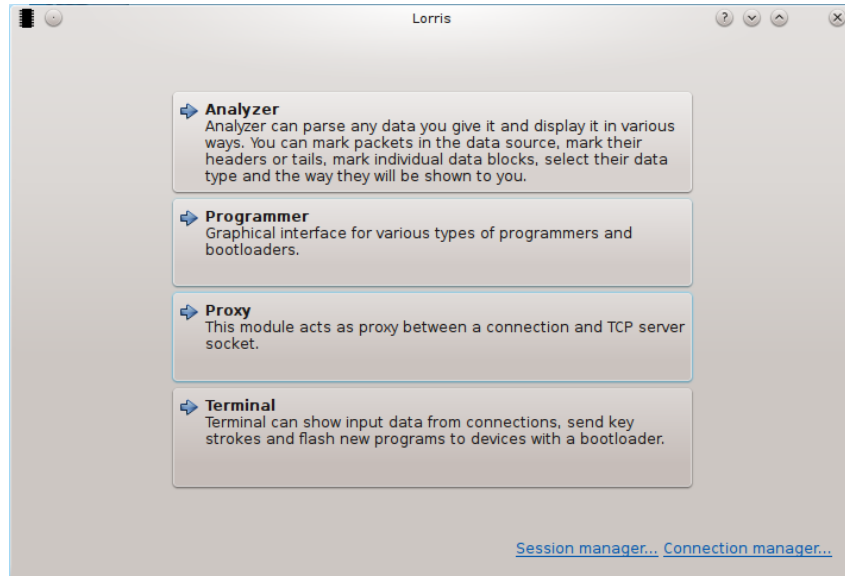


Figure 1: Tab creation dialog

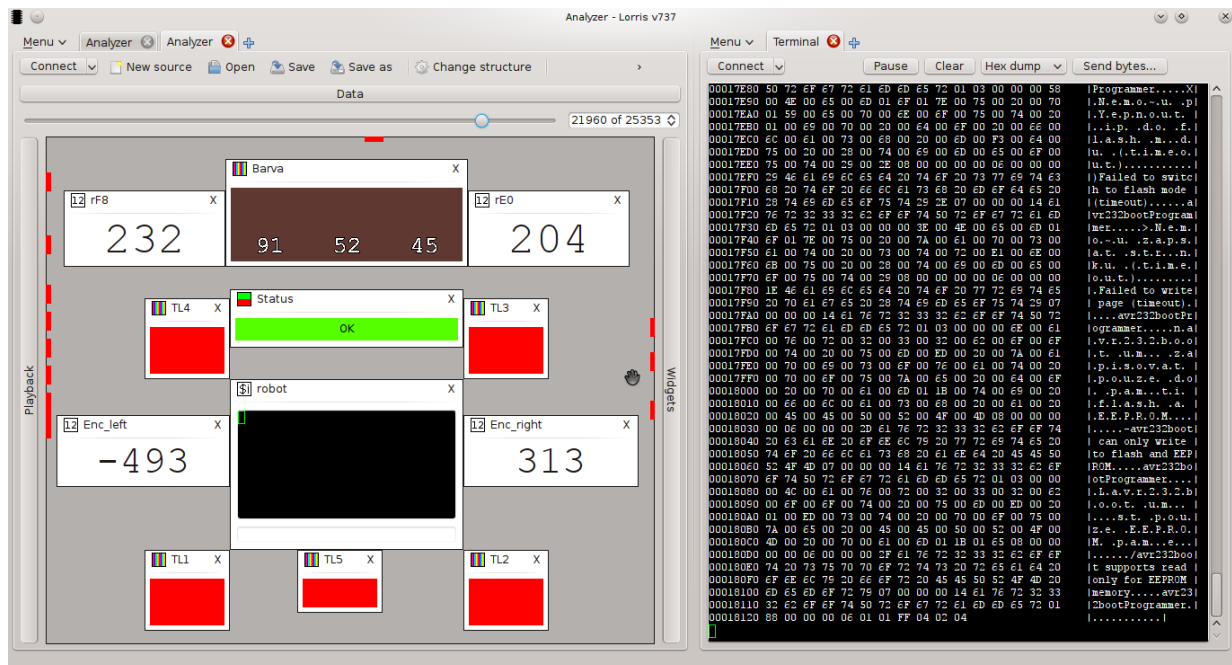


Figure 2: Lorris' window divided to multiple parts

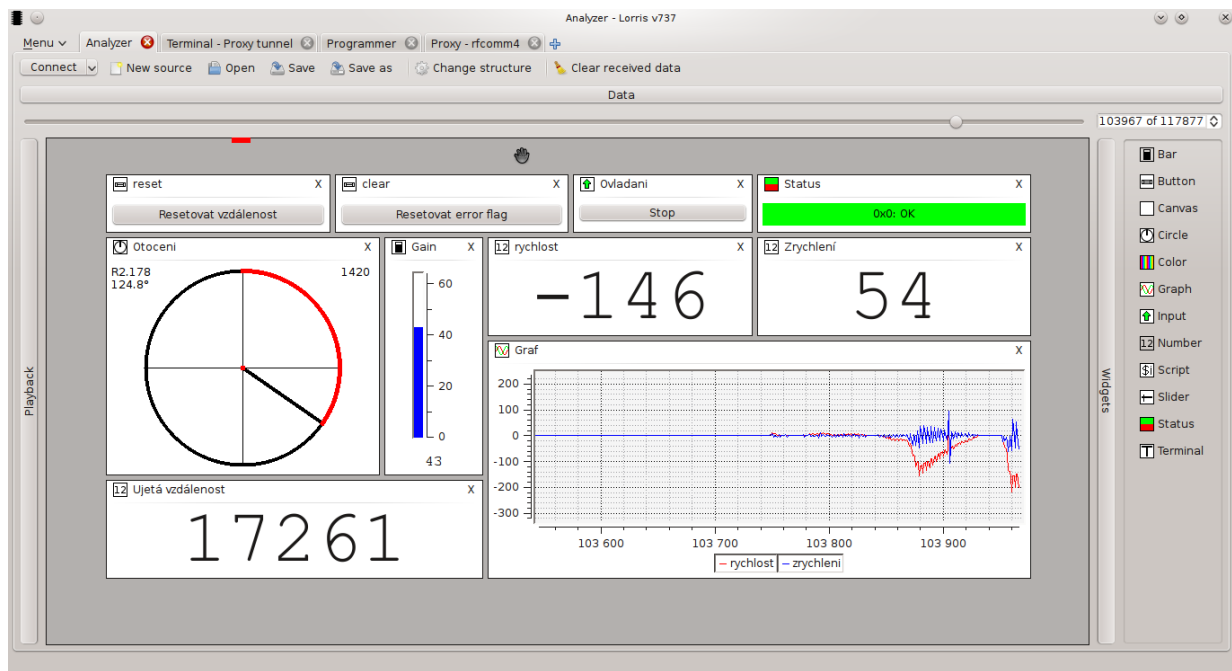


Figure 3: **Analyzer** module

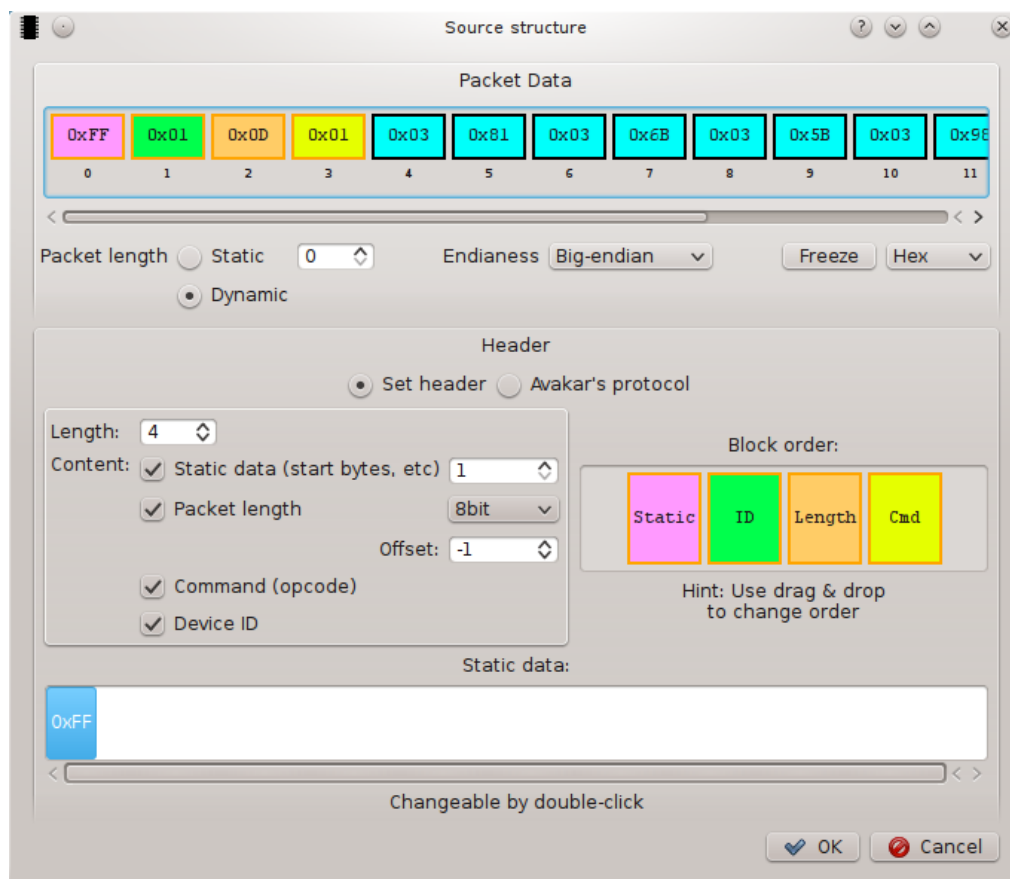


Figure 4: **Analyzer**: packet structure dialog

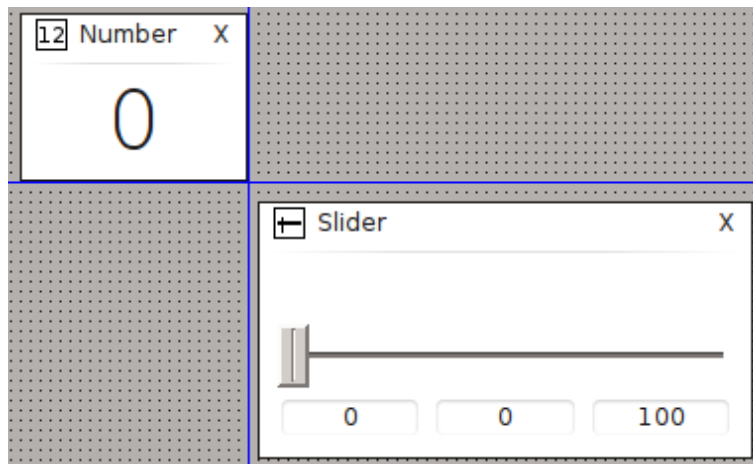
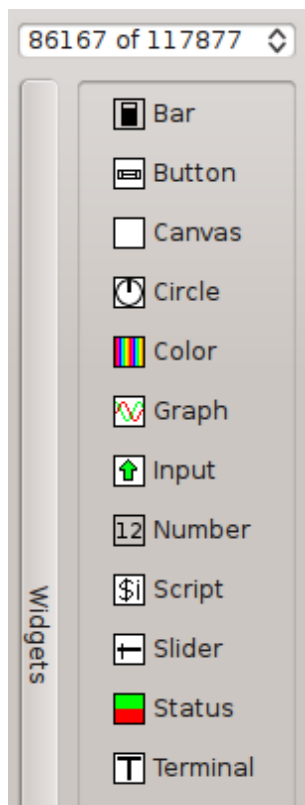
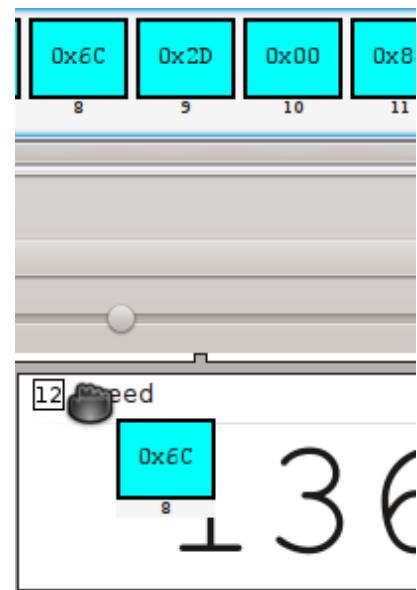


Figure 5: **Analyzer:** widget alignment using grid and lines



(a) List of widgets



(b) Assigning data using drag&drop

Figure 6: **Analyzer:** widgets

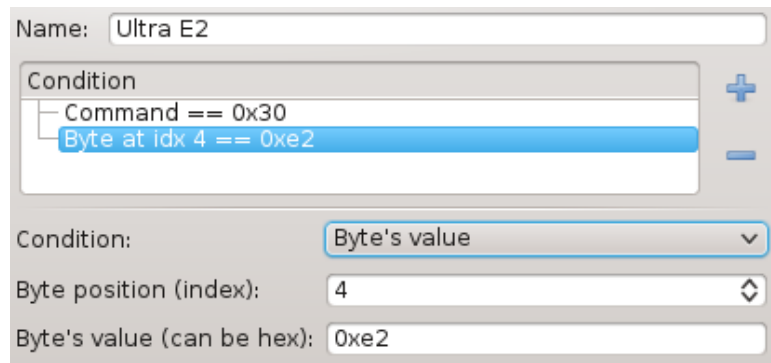


Figure 7: **Analyzer:** data filter settings

```

1 // Return true if passes, false if it
2 // should be filtered out
3 function dataPass(data, dev, cmd) {
4     return false;
5 }

```

Code sample 1: **Analyzer:** data filter script condition

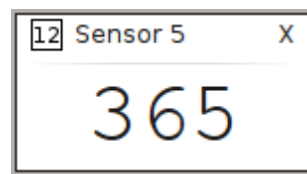


Figure 8: **Analyzer:** widget number

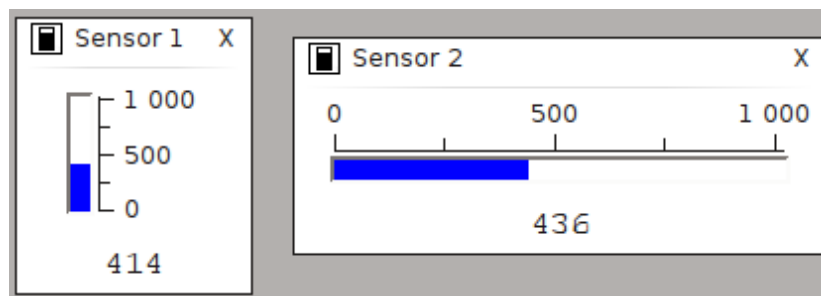


Figure 9: **Analyzer:** widget bar

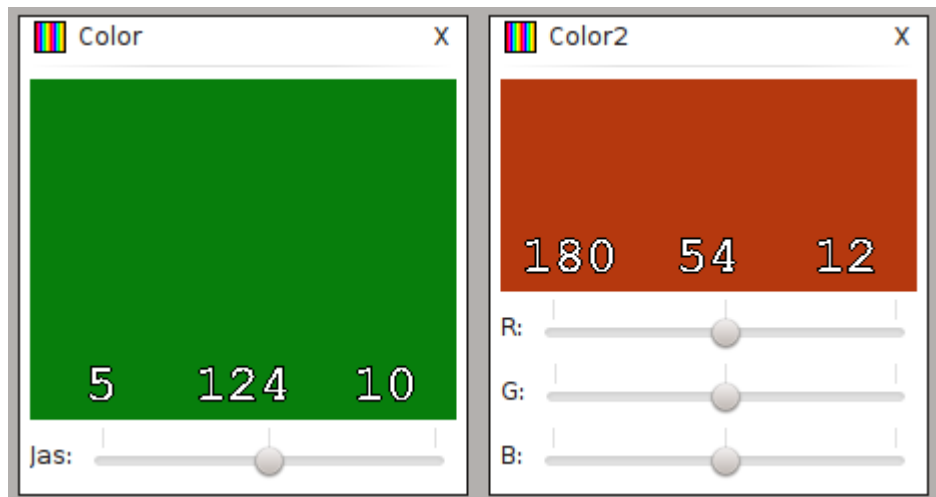


Figure 10: **Analyzer:** widget color

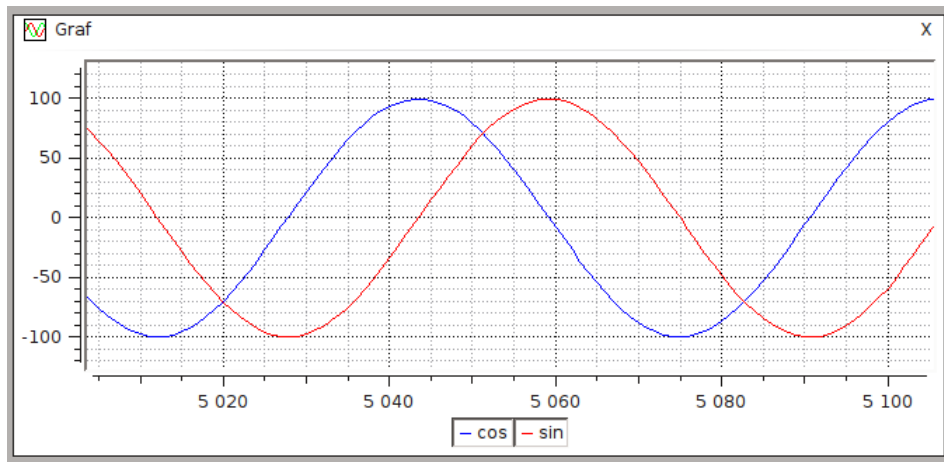


Figure 11: **Analyzer:** widget graph

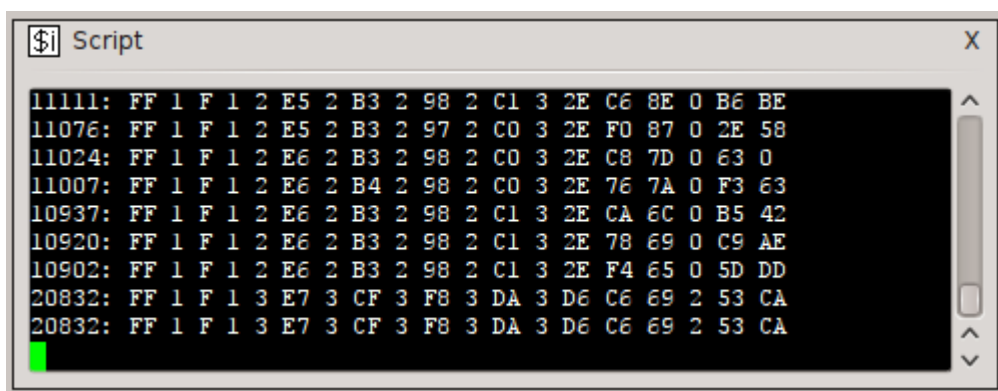


Figure 12: **Analyzer:** widget script

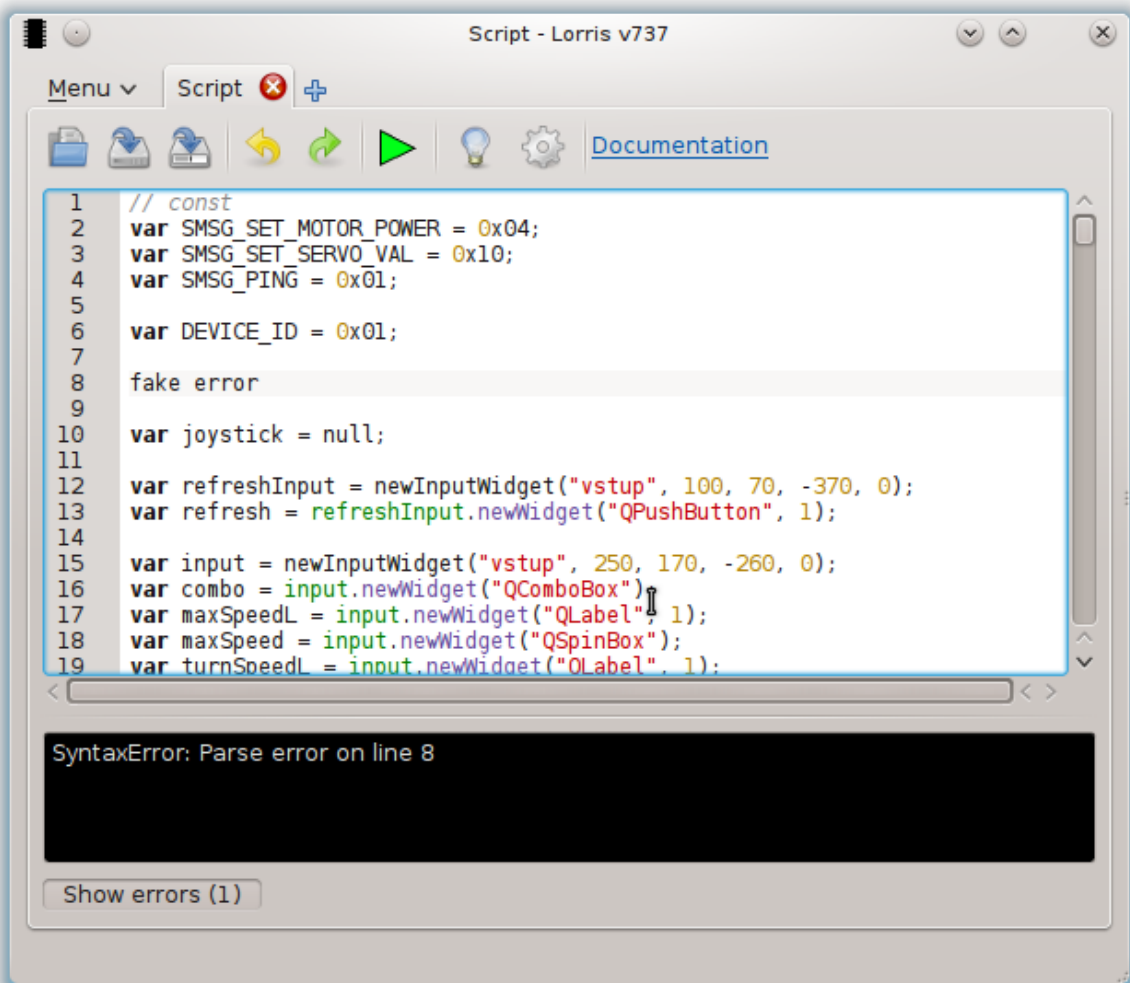


Figure 13: **Analyzer:** widget script: editor

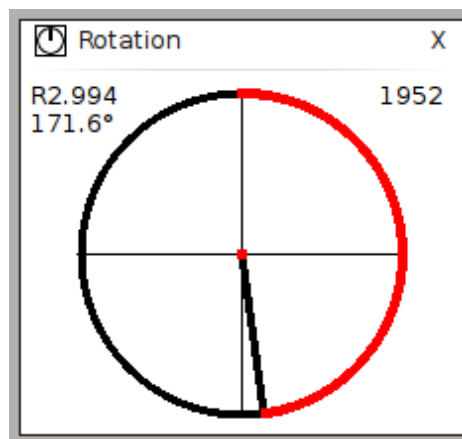


Figure 14: **Analyzer:** widget circle

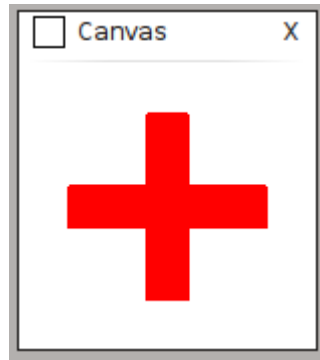


Figure 15: **Analyzer:** widget canvas

```
1 Canvas.setLineColor("red");
2 Canvas.setFillColor("red");
3 // x, y, width, height
4 Canvas.drawRect(55, 10, 20, 110);
5 Canvas.drawRect(10, 55, 110, 20);
```

Code sample 2: **Analyzer:** widget canvas: drawing to widget from script

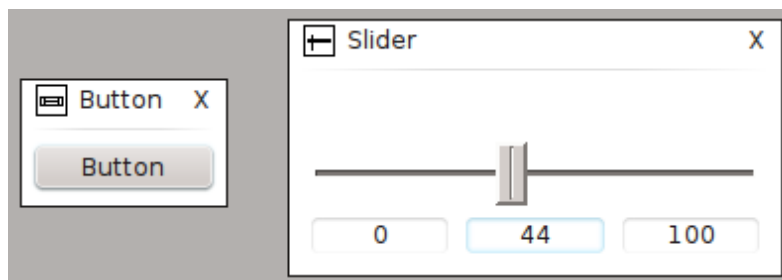


Figure 16: **Analyzer:** widgets button and slider

```
1 function Slider_valueChanged() {
2     appendTerm("Slider value: " + Slider.getValue() + "\n");
3 }
4
5 function Button_clicked() {
6     appendTerm("Button clicked\n");
7 }
```

Code sample 3: **Analyzer:** widget *slider* and *button* callbacks in script

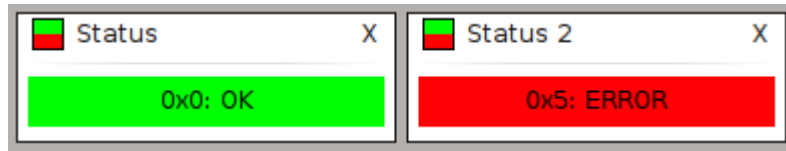


Figure 17: **Analyzer:** widget status

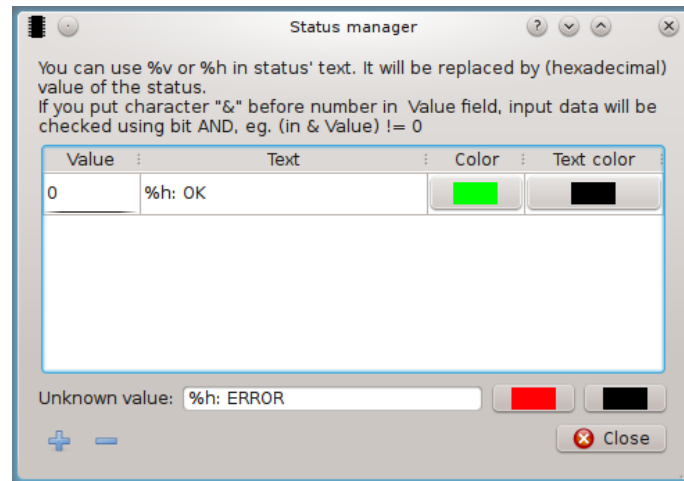


Figure 18: **Analyzer:** widget status: state definitions dialog

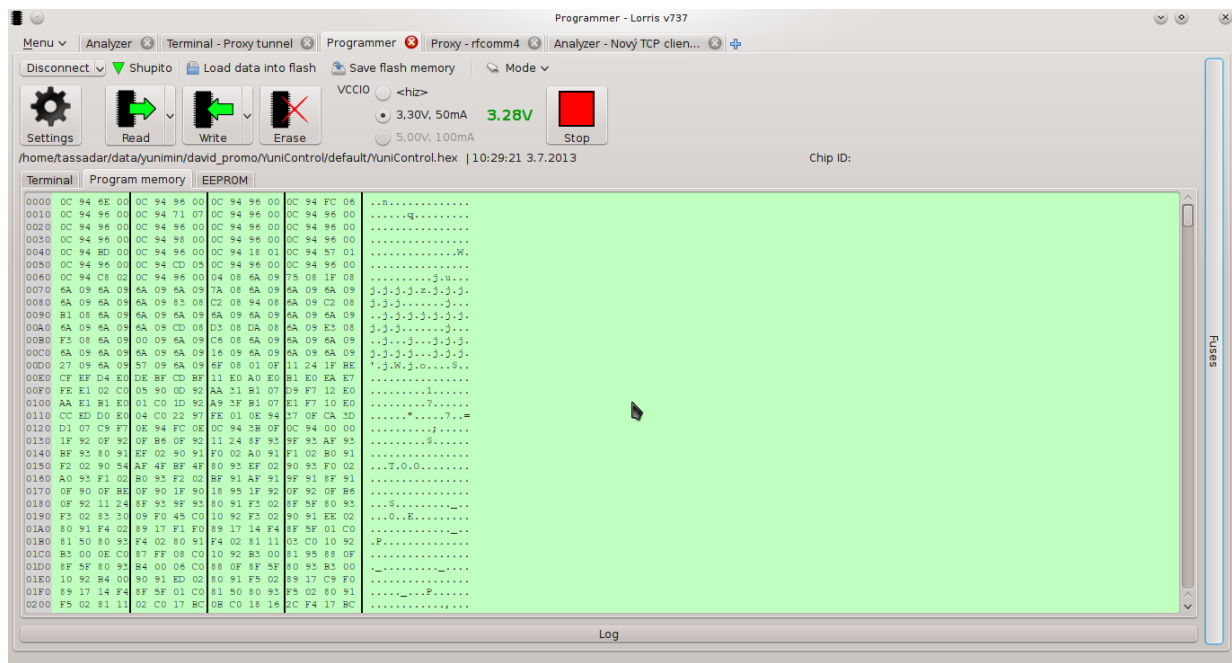


Figure 19: **Programmer** module

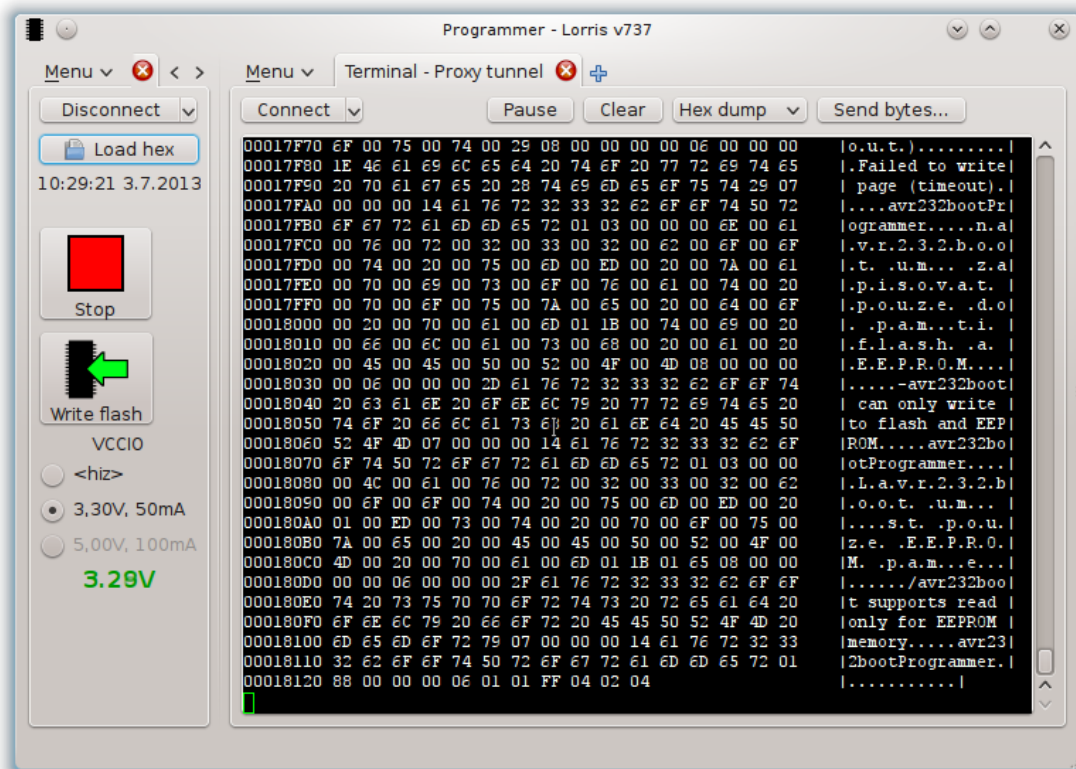


Figure 20: **Programmer:** minimal interface (left) along with *terminal* (right)

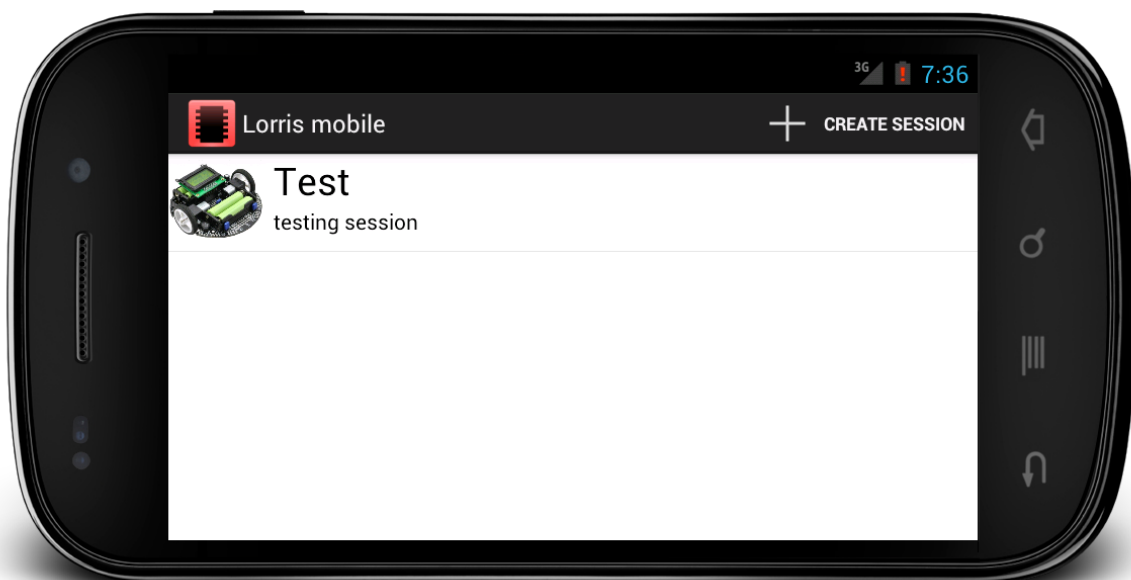


Figure 21: **Lorris mobile:** session selection

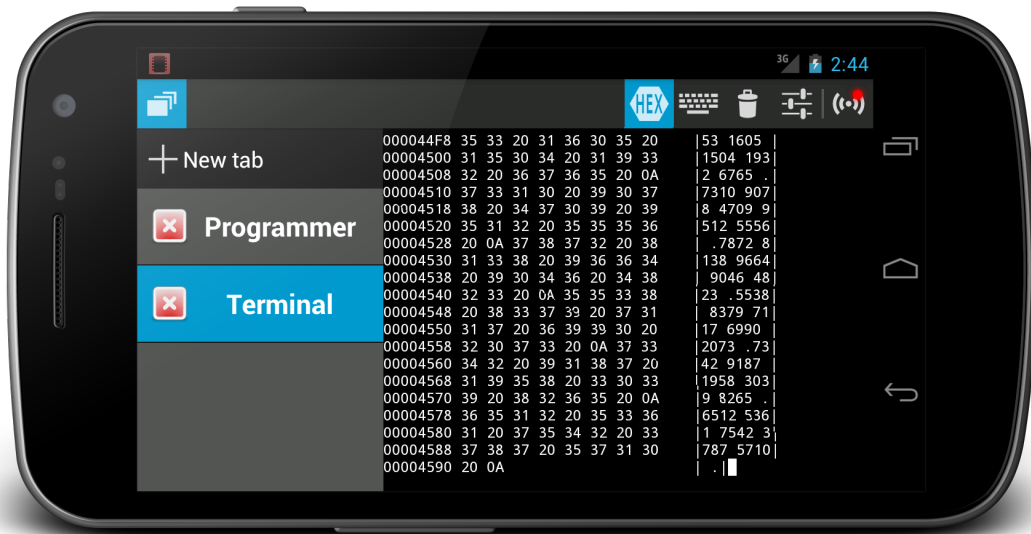


Figure 22: Lorris mobile: terminal

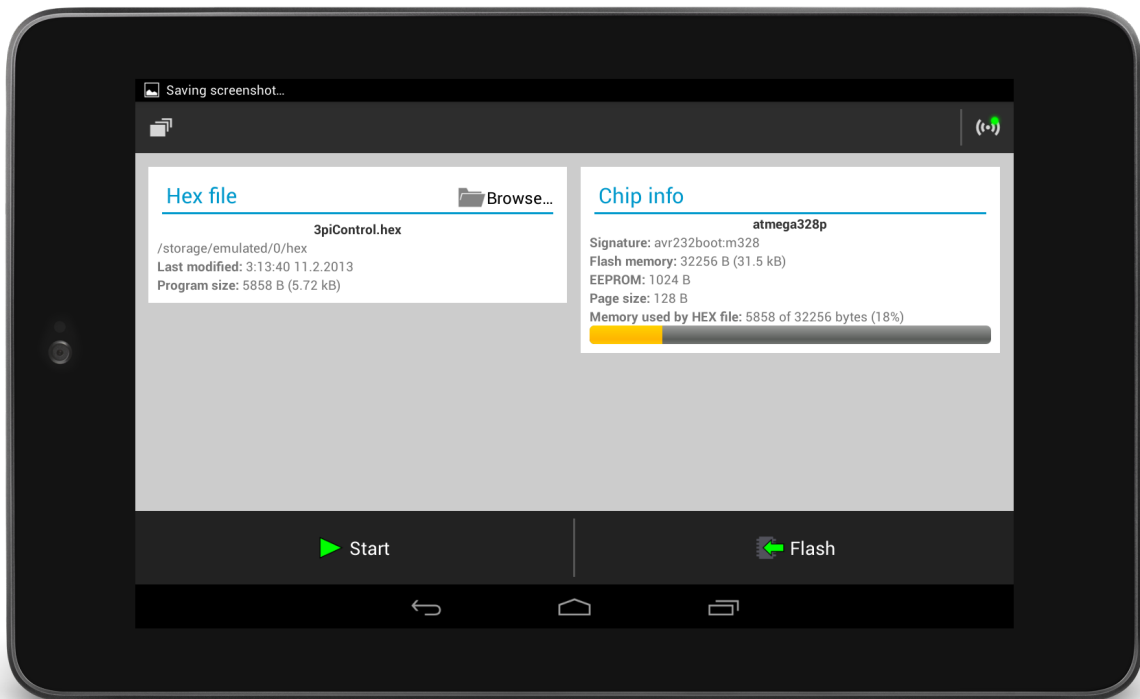


Figure 23: Lorris mobile: programmer