

# [easy]probe Troubleshooting v2.0

## 1) HAL

If you configured your machine with pncconf, you will find a lot of functionless pins linked right at the end of your machine hal file under "connect miscellaneous signals". If you don't have an MPG or control desk using 'halui.machine.is-on', find and delete or comment out the following two lines:

```
net machine-is-on halui.machine.is-on
net probe-in motion.probe-input
```

If you already have an MPG or control desk configured in your hal files or if you're unsure, delete or comment out only the 2nd line and edit your Probe\_postgui.hal so that lut\_act\_panel.in-0 is only linked to the signal name 'machine-is-on' and not to the pin 'halui.machine.is-on' anymore:

```
# net machine-is-on lut_act_panel.in-0 <= halui.machine.is-on
net machine-is-on lut_act_panel.in-0
```

If your MPG or control desk allows you to start, pause and stop a program, you might get the following debug message:

```
custom_postgui.hal:77: Pin 'halui.program.is-idle' was already linked to signal 'idle-led'
```

In this case you have to edit your Probe\_postgui.hal so that lut\_act\_panel.in-1 is only linked to the signal name mentioned in the message and not to the pin 'halui.program.is-idle' anymore:

```
# net program-is-idle lut_act_panel.in-1 <= halui.program.is-idle
net idle-led lut_act_panel.in-1
```

If your spindle is configured to any other number than spindle.0, open your Probe\_postgui.hal and change the number from 'spindle.0.inhibit' to the correct number:

```
net inhibit-on lut_inhibit.out => spindle.0.inhibit pyvcp.spindle-inhibit
```

## 2) XML

If you need to copy the Easy Probe panel into your existing PyVCP panel, the content of your panel has to be set in a tab. Since Easy Probe has already been set between <vbox> and </vbox>, you can simply copy and paste it after you set your content in a tab:

```
<tabs>
  <names>["My Tab", "Easy Probe"]</names>
  <vbox>
    <!-- content of my tab -->
  </vbox>
  <vbox>
    <!-- content of Easy Probe tab -->
  </vbox>
</tabs>
```