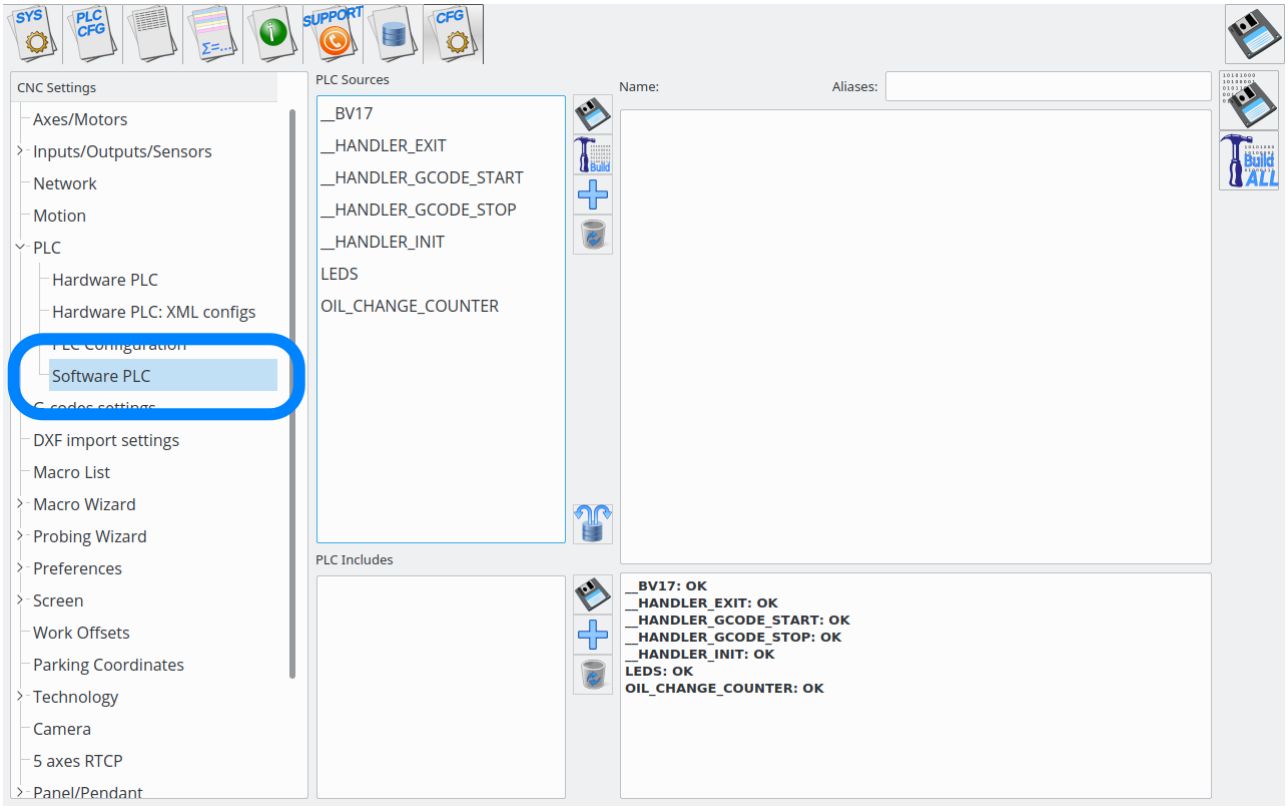
Change Pump Example

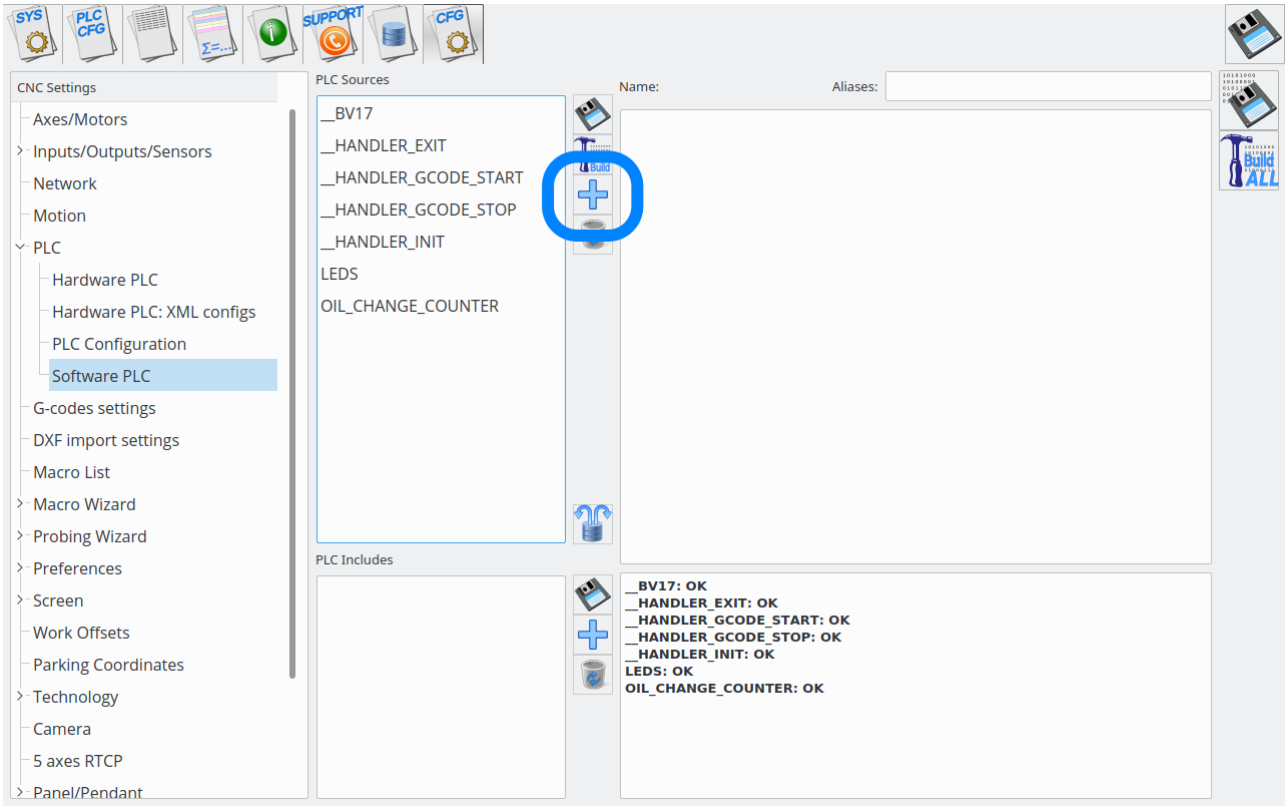
Charge pump output can be easily implemented in the Software PLC.

To do it

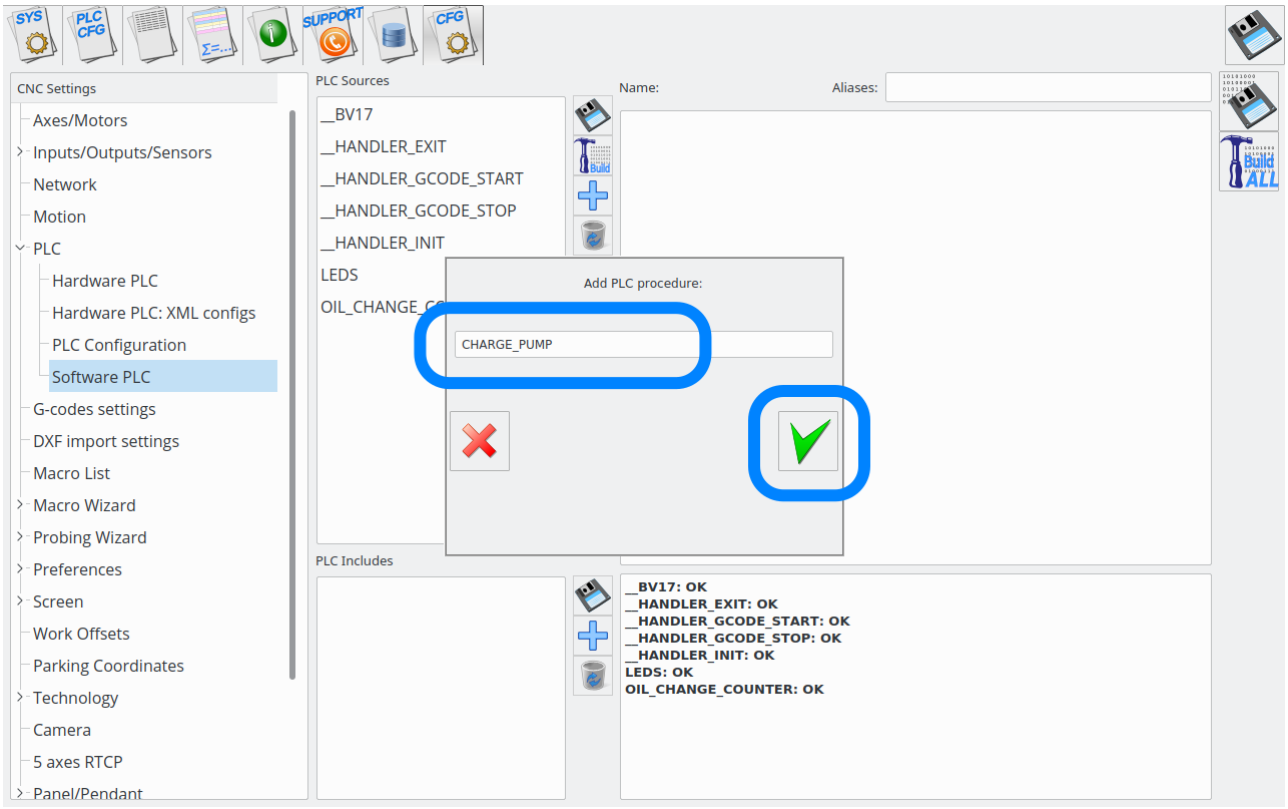
1. Goto the “Software PLC”



2. Press “Add” to add new PLC procedure



3. Enter the procedure filename (CHARGE_PUMP), press “OK” button



4. Enter source code for change pump

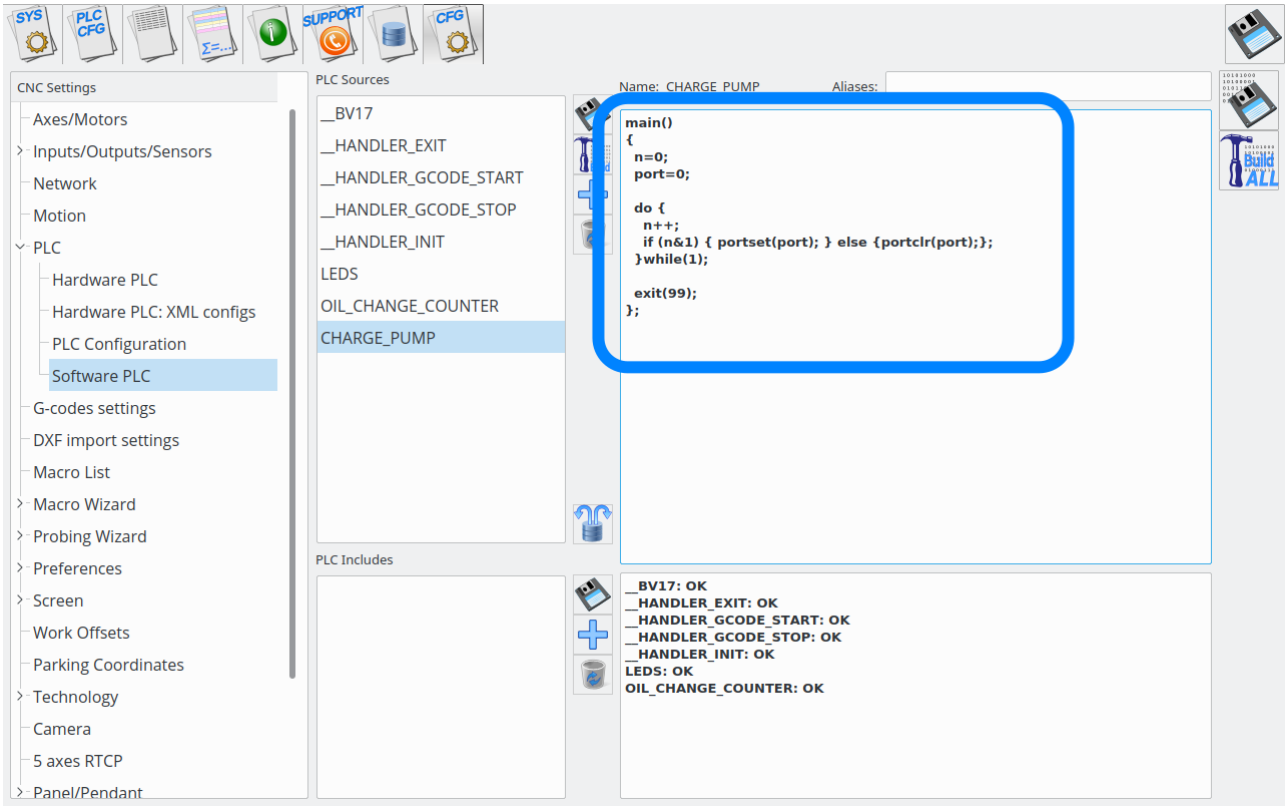
CHARGE_PUMP.plc

```
main()
```

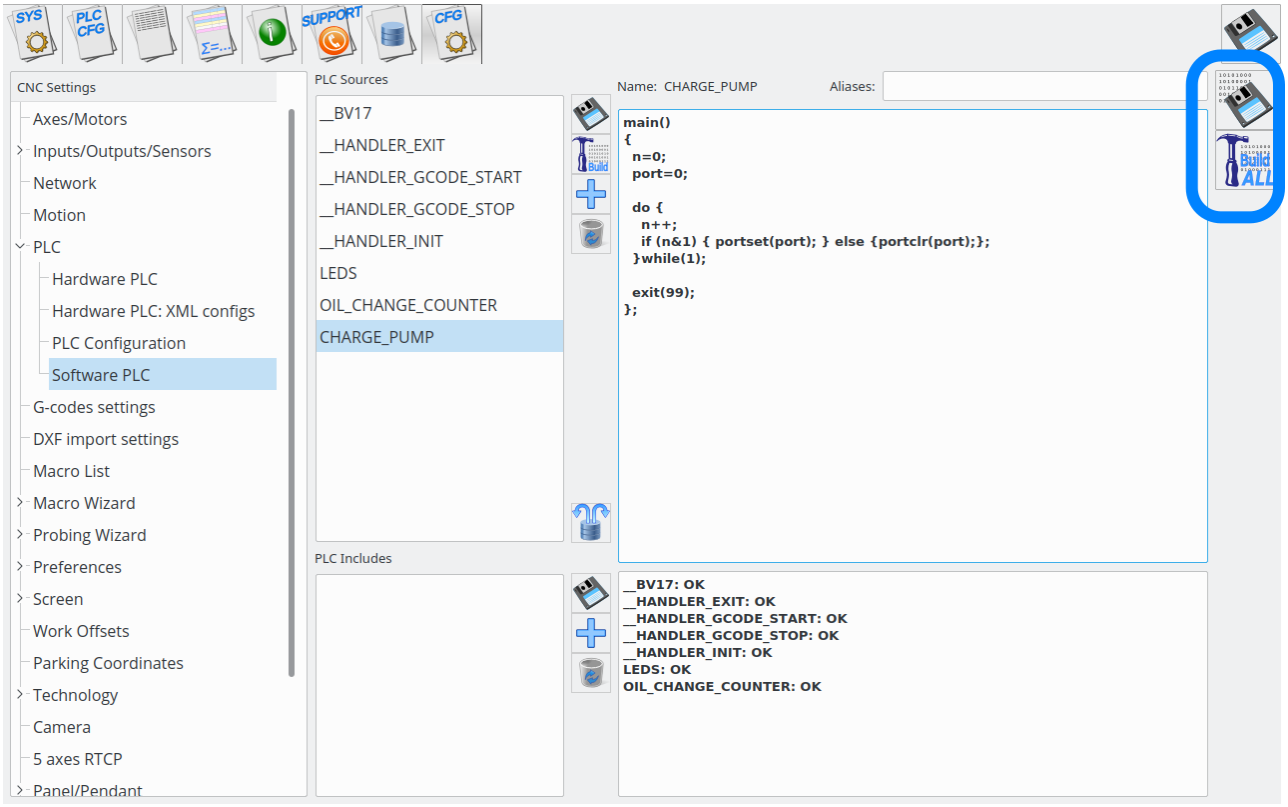
```
{
  n=0;
  port=0;

  do{
   n++;
   if (n&1) { portset(port); } else {portclr(port);};
  }while(1);

  exit(99);
};
```



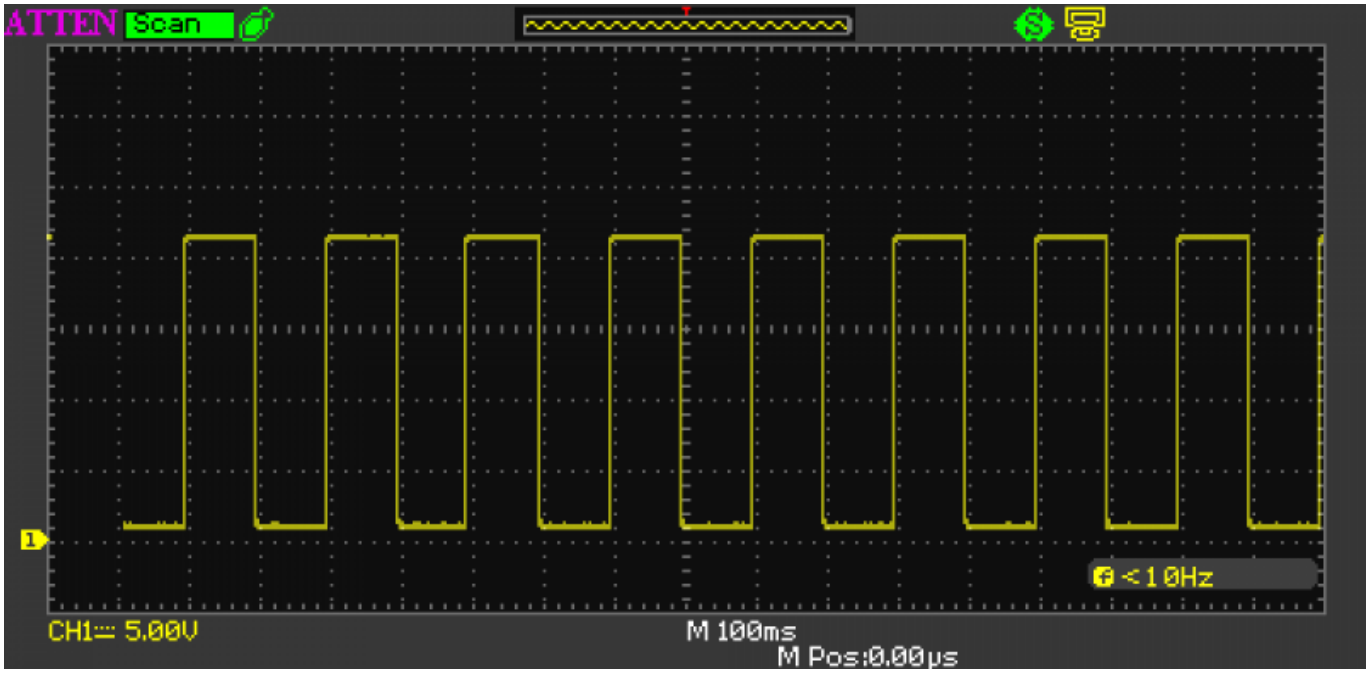
5. Press buttons “Save” and “Build”



Output pin defined “port” variable will start pulse generation.

```
....
  port=0;
....
```

The result oscilloscope is shown below



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Permanent link:
http://docs.pv-automation.com/plc/charge_pump?rev=1536427682

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