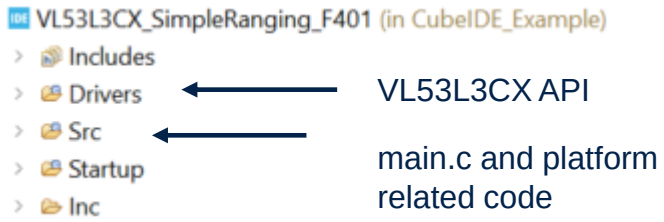
Getting Started Guide

- HW required: X-NUCLEO-53L3A2, Nucleo F401RE
- SW required: STM32CubeIDE and Tera Term
- Connect the X-NUCLEO-53L3A2 into the Nucleo F401RE
- ConnecttheF401RE to the laptop with and USB cable
- To run the example，open the example project with STM32CubeIDE, compile, build and run the example



The ranging result are print out on a serial terminal

Two objects detected

One near object at 247 mm

One far object at 1554 mm

```
Count=  217, #Objs=2 status=0, D=  247mm, Signal=0.12 Mcps, Ambient=0.14 Mcps
                     status=0, D= 1554mm, Signal=0.53 Mcps, Ambient=0.14 Mcps
Count=  218, #Objs=2 status=0, D=  240mm, Signal=0.13 Mcps, Ambient=0.15 Mcps
                     status=0, D= 1556mm, Signal=0.55 Mcps, Ambient=0.15 Mcps
Count=  219, #Objs=2 status=0, D=  245mm, Signal=0.13 Mcps, Ambient=0.15 Mcps
                     status=0, D= 1555mm, Signal=0.52 Mcps, Ambient=0.15 Mcps
Count=  220, #Objs=2 status=0, D=  232mm, Signal=0.16 Mcps, Ambient=0.14 Mcps
                     status=0, D= 1554mm, Signal=0.56 Mcps, Ambient=0.14 Mcps
```

Tera Term can be used, select 115200 baud rate