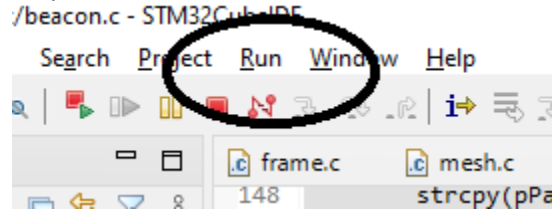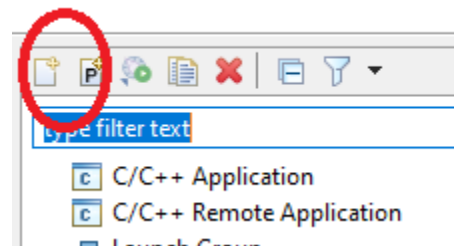For quick start, follow the steps below:
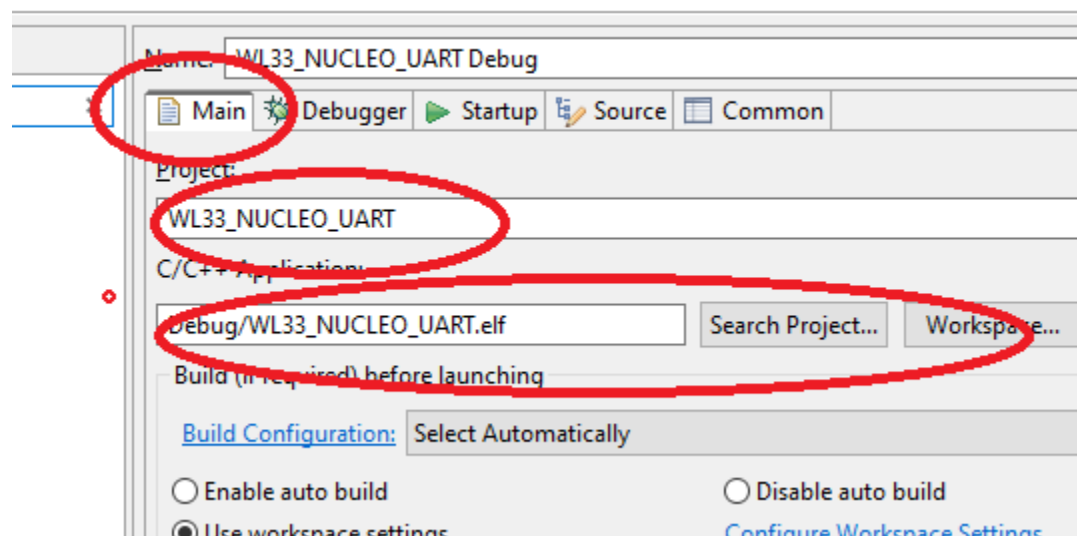
Step 1: In Cube IDE, choose the RUN menu item, the Debug Configurations:

/beacon.c - STM32Cube IDE

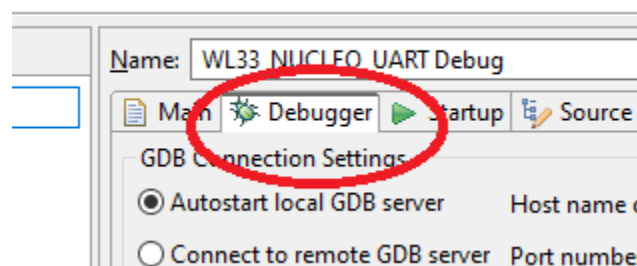Search Pr ject Run Wind w Help

.c frame.c   .c mesh.c
148   strcpy(pPa

Step 2: A dialog box will launch. Click the 'new configuraiton' icon:

type filter text

c C/C++ Application
c C/C++ Remote Application
Launch Group

Step 3: on the Main tab, select your project and the .elf object file:

WL33_NUCLEO_UART Debug

Main Debugger Startup Source Common

Project:
WL33_NUCLEO_UART

C/C++ Application:
Debug/WL33_NUCLEO_UART.elf   Search Project...   Workspa e...
Build (if required) before launching

Build Configuration: Select Automatically

○ Enable auto build   ○ Disable auto build
● Use workspace settings   Configure Workspace Settings...

Step 4: Ensure your Nucleo is connected to your PC, the click the 'Debugger' tabL

Name: WL33 NUCLEO UART Debug

Main Debugger tartup Source

GDB C nnection Settings
● Autostart local GDB server   Host name
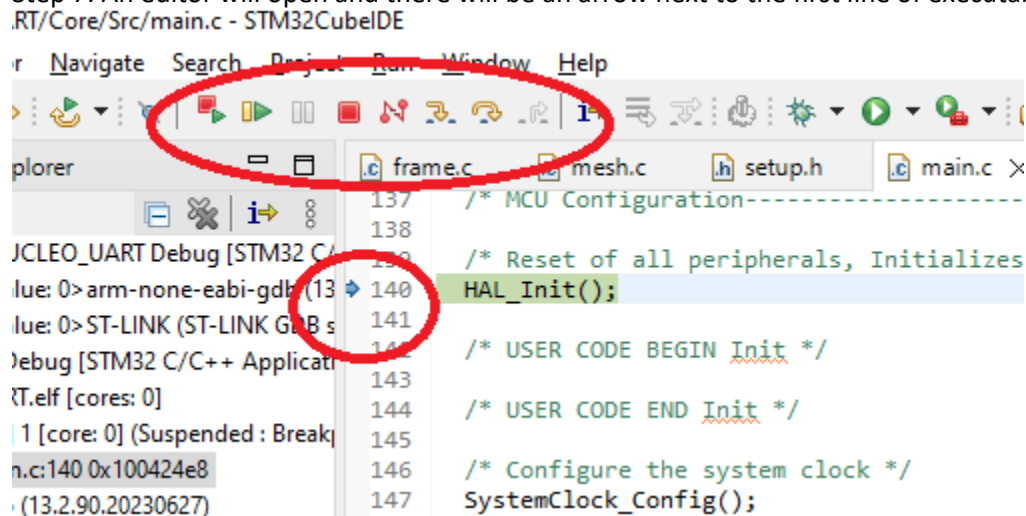○ Connect to remote GDB server   Port numbe

Step 5: Select the debugger, click the ST-LINK check box, and scan. Then the serial number of your Debugger. I would recommend doing one at a time. Leave the second disconnected for now.

Interface
SWD   JTAG
ST-LINK S/N   0047002B3433511137363934   Scan
Frequency (kHz): Auto
Access port: 0 - Cortex-M0plus

Reset behaviour

Type: Connect under reset
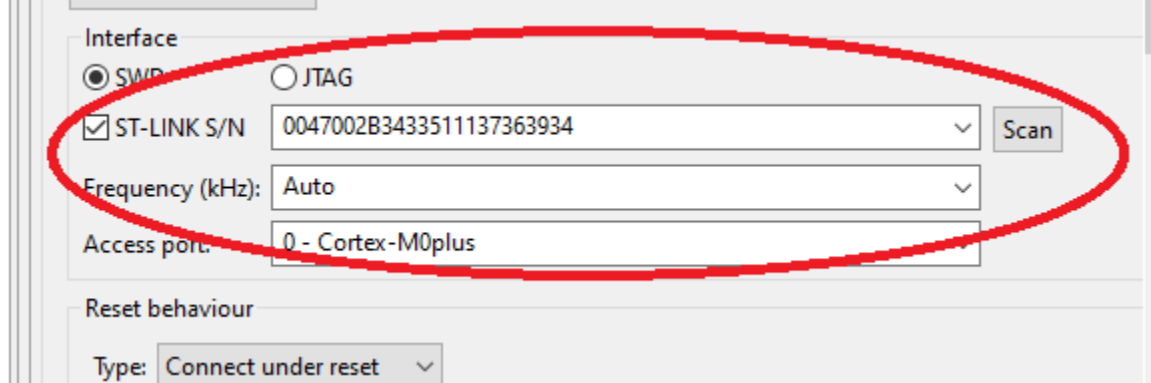
Step 6: Click the 'Run' button.

Revert   Apply

Run   Close
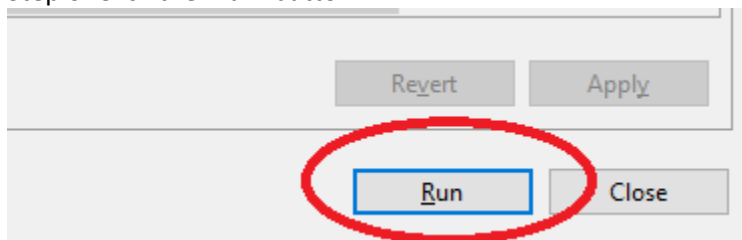
Step 7: An editor will open and there will be an arrow next to the first line of executable code.
RT/Core/Src/main.c - STM32CubeIDE

r   Navigate   Search   Project   Run   Window   Help

plorer   .c frame.c   mesh.c   .h setup.h   .c main.c X
                          137   /* MCU Configuration-------------------
                          138
JCLEO_UART Debug [STM32 C/   /* Reset of all peripherals, Initializes
lue: 0> arm-none-eabi-gdb (13 ▸ 140   HAL_Init();
lue: 0> ST-LINK (ST-LINK GDB s 141
Debug [STM32 C/C++ Applicati   14   /* USER CODE BEGIN Init */
RT.elf [cores: 0]   143
1 [core: 0] (Suspended : Break 144   /* USER CODE END Init */
n.c:140 0x100424e8   145
(13.2.90.20230627)   146   /* Configure the system clock */
                          147   SystemClock_Config();

Click the green arrow to run it. The Red square will terminate it, and the combination icon will reload the code. Under the run menu you will find a restart that issues a reset to
The device.

73.