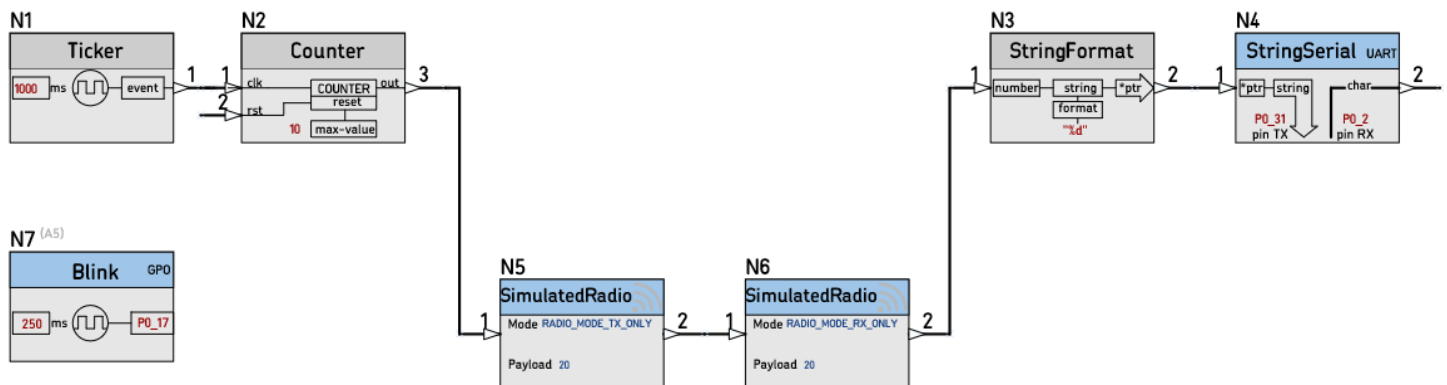


# 20D\_radio\_simulator

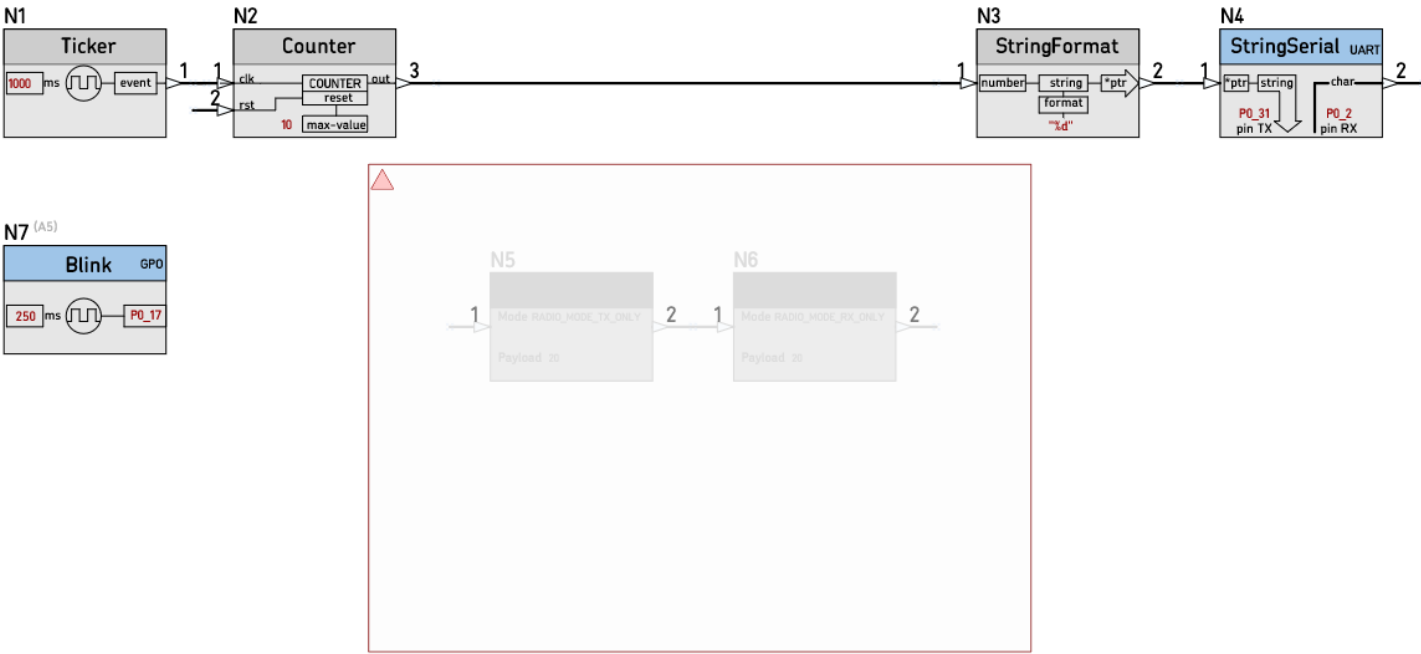
Testing for Node simulatedRadio.

The serial output for both Designs, with and without SimulatedRadio has to be the same

## nBlocksStudio Schematic Design with simulatedRadio



# nBlocksStudio Schematic Design without simulatedRadio



# nBlocksStudio Translation with simulatedRadio

- Translation with assist Pass ✓
- Compilation with assist GCC\_ARM Pass ✓
- Compilation with assist ARMC6 Pass ✓
- Compilation with mbed-studio GCC\_ARM Pass ✓

```
C:\WINDOWS\system32\cmd.exe

Trans = F:\n-blocks\studio\studio2.0_experimental\python\python.exe F:\n-blocks\studio\studio2.0_experimental\nblocksStudio.py --verbose --import altium --netlist F:\n-blocks\20D_radio_simulator\studio\studio.NET --parameters F:\n-blocks\20D_radio_simulator\studio\studio.csv --output F:\prj_soft\mbed-studio --name F:\prj_soft\mbed-studio\20D_radio_simulator

=====
|                               n-Blocks Studio                               |
=====

--- Welcome to n-Blocks Studio development environment ---

Studio working location: F:\n-blocks\studio\studio2.0_experimental

Offline database loaded - starting n-Blocks Studio
Importing Altium design...
Generating export output...
Preparing required libraries...
  Checking: Ticker
    Content is up-to-date
  Checking: Counter
    Content is up-to-date
  Checking: StringFormat
    Content is up-to-date
  Checking: StringSerial
    Content is up-to-date
  Checking: SimulatedRadio
    Content is up-to-date
  Checking: Blink
    Content is up-to-date
Board support package already present, current version preserved
Embedded code exported to "F:\prj_soft\mbed-studio\20D_radio_simulator"

- Thank you for using n-Blocks Studio ---
```

# nBlocksStudio Translation without simulatedRadio

- Translation with assist Pass ✓
- Compilation with assist GCC\_ARM Pass ✓
- Compilation with assist ARMC6 Pass ✓
- Compilation with mbed-studio GCC\_ARM Pass ✓

```
C:\WINDOWS\system32\cmd.exe

Trans = F:\n-blocks\studio\studio2.0_experimental\python\python.exe F:\n-blocks\studio\studio2.0_experimental\nblocksStudio.py --verbose --import altium --netlist F:\n-blocks\20D_radio_simulator\studio\studio.NET --parameters F:\n-blocks\20D_radio_simulator\studio\studio.csv --output F:\prj_soft\mbed-studio --name F:\prj_soft\mbed-studio\20D_radio_simulator

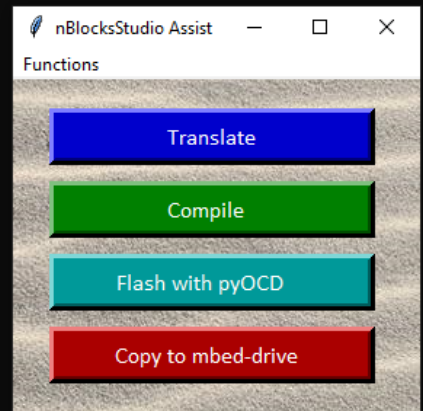
=====
|                               n-Blocks Studio                               |
=====

--- Welcome to n-Blocks Studio development environment ---

Studio working location: F:\n-blocks\studio\studio2.0_experimental

Offline database loaded - starting n-Blocks Studio
Importing Altium design...
Generating export output...
Preparing required libraries...
  Checking: Ticker
    Content is up-to-date
  Checking: Counter
    Content is up-to-date
  Checking: StringFormat
    Content is up-to-date
  Checking: StringSerial
    Content is up-to-date
  Checking: Blink
    Content is up-to-date
Board support package already present, current version preserved
Embedded code exported to "F:\prj_soft\mbed-studio\20D_radio_simulator"

- Thank you for using n-Blocks Studio ---
-----
```



# Compilation with 2 different compilers using nBlocksStudio assist

F:\prj_soft\mbed-studio\20D_radio_simulator\BUILD\NRF52_DK			
Name	Size Auto	Modified	Type
..		29-Dec-20 11:23:49 AM	File folder
GCC_ARM_noSIM		29-Dec-20 11:26:58 AM	File folder
GCC_ARM_SIM		29-Dec-20 11:25:11 AM	File folder
ARMC6_SIM		29-Dec-20 11:21:34 AM	File folder
ARMC6_noSIM		29-Dec-20 11:18:43 AM	File folder