

TB

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Create the device under test which is the source/sink.

FUNCTIONS

run_test

```
async def run_test(  
    dut,  
    payload_data  
    =  
    None  
)
```

Tests the source/sink for valid transmission of data.

incrementing_payload

```
def incrementing_payload()
```

Generate a list of ints that increment from 0 to 2¹⁶

random_payload

```
def random_payload()
```

Generate a list of random ints 2¹⁶ in the range of 0 to 2¹⁶

test_mil_std_1553

```
def test_mil_std_1553(  
    request  
)
```

Main cocotb function that specifies how to put the test together.