



Class PingTxOp

Table of contents

Inheritance Relationships

Class Documentation

- Defined in [File ping_tx.hpp](#)

Inheritance Relationships

Base Type

- `public holoscan::Operator` ([Class Operator](#))

Class Documentation

```
class PingTxOp : public holoscan::Operator
```

Simple transmitter operator.

On each tick, it transmits an integer to the “out” port.

==Named Outputs==

- **out** : int
 - An index value that increments by one on each call to `compute`. The starting value is 1.

Public Functions

```
HOLOSCAN_OPERATOR_FORWARD_ARGS (PingTxOp) PingTxOp()=default
```

```
virtual void setup(OperatorSpec &spec) override
```

Define the operator specification.

Parameters

spec – The reference to the operator specification.

```
virtual void compute(InputContext&, OutputContext &op_output,  
ExecutionContext&) override
```

Implement the compute method.

This method is called by the runtime multiple times. The runtime calls this method until the operator is stopped.

Parameters

- **op_input** – The input context of the operator.
- **op_output** – The output context of the operator.
- **context** – The execution context of the operator.

`inline int index() const`

© Copyright 2022-2024, NVIDIA.. PDF Generated on 06/06/2024