



Class DoubleBufferTransmitter

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

Inheritance Relationships

Base Type

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

Class Documentation

class DoubleBufferTransmitter : public holoscan::Transmitter

Double buffer transmitter class.

The [DoubleBufferTransmitter](#) class is used to emit messages to another operator within a fragment.

Public Functions

```
template<typename ArgT, typename ...ArgsT, typename =
std::enable_if_t<!std::is_base_of_v<::holoscan::Resource, std::decay_t<ArgT>> &&
(std::is_same_v<::holoscan::Arg, std::decay_t<ArgT>> ||
std::is_same_v<::holoscan::ArgList, std::decay_t<ArgT>>>>
inline DoubleBufferTransmitter(ArgT &&arg, ArgsT&&... args)
```

DoubleBufferTransmitter() = default

DoubleBufferTransmitter(const std::string &name,
nvidia::gxf::DoubleBufferTransmitter *component)

DoubleBufferTransmitter(const std::string &name,
[AnnotatedDoubleBufferTransmitter](#) *component)

virtual const char *gxf_typename() const override

virtual void setup([ComponentSpec](#) &spec) override

Define the resource specification.

Parameters

spec – The reference to the component specification.

void track()

Track the data flow of the receiver and use [holoscan::AnnotatedDoubleBufferTransmitter](#) as the GXF [Component](#).

nvidia::gxf::DoubleBufferTransmitter *get() const

Public Members

[Parameter<uint64_t>](#) capacity_

[Parameter<uint64_t>](#) policy_

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