



Class DoubleBufferReceiver

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

Inheritance Relationships

Base Type

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

Class Documentation

class DoubleBufferReceiver : public holoscan::Receiver

Double buffer receiver class.

The [DoubleBufferReceiver](#) class is used to receive messages from 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 DoubleBufferReceiver(ArgT &&arg, ArgsT&&... args)
```

DoubleBufferReceiver() = default

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

DoubleBufferReceiver(const std::string &name, [AnnotatedDoubleBufferReceiver](#) *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::AnnotatedDoubleBufferReceiver](#) as the GXF [Component](#).

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

Public Members

[Parameter<uint64_t>](#) capacity_

[Parameter<uint64_t>](#) policy_

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