



## **Class Transmitter**

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

## Inheritance Relationships

### Base Type

- `public holoscan::gfx::GXFResource` ([Class GXFResource](#))

### Derived Types

- `public holoscan::DoubleBufferTransmitter` ([Class DoubleBufferTransmitter](#))
- `public holoscan::UcxTransmitter` ([Class UcxTransmitter](#))

## Class Documentation

class Transmitter : public holoscan::gfx::GXFResource

Base transmitter class.

Transmitters are used by output ports to emit messages.

Subclassed by [holoscan::DoubleBufferTransmitter](#), [holoscan::UcxTransmitter](#)

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 Transmitter(ArgT &&arg, ArgsT&&... args)
```

Transmitter() = default

Transmitter(const std::string &name, nvidia::gfx::Transmitter \*component)

inline virtual const char \*gfx\_typename() const override

nvidia::gfx::Transmitter \*get() const

