



Class Receiver

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Inheritance Relationships

Base Type

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

Derived Types

- `public holoscan::DoubleBufferReceiver` ([Class DoubleBufferReceiver](#))
- `public holoscan::UcxReceiver` ([Class UcxReceiver](#))

Class Documentation

class Receiver : public holoscan::gxf::GXFResource

Base receiver class.

Receivers are used by input ports to receive messages.

Subclassed by [holoscan::DoubleBufferReceiver](#), [holoscan::UcxReceiver](#)

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

Receiver() = default

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

inline virtual const char *gxf_typename() const override

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

