



## **Class StdComponentSerializer**

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- Defined in [File std\\_component\\_serializer.hpp](#)

## Inheritance Relationships

### Base Type

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

## Class Documentation

```
class StdComponentSerializer : public holoscan::gfx::GXFResource
```

Standard GXF component serializer.

The VideoStreamSerializer entity serializer uses this as its component serializer.

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

StdComponentSerializer() = default

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

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

Define the resource specification.

Parameters

**spec** – The reference to the component specification.

virtual void initialize() override

Initialize the component.

This method is called only once when the component is created for the first time, and use of light-weight initialization.

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