



Class Component

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Inheritance Relationships

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Class Documentation

class Component : public holoscan::ComponentBase

Common class for all non-Operator components.

This class is the base class for all non-Operator components including

`holoscan::Condition`, `holoscan::Resource`, `holoscan::NetworkContext`,

`holoscan::Scheduler` It is used to define the common interface for all components.

`holoscan::Operator` does not inherit from this class as it uses `holoscan::OperatorSpec` instead of `holoscan::ComponentSpec`.

Subclassed by [holoscan::Condition](#), [holoscan::NetworkContext](#), [holoscan::Resource](#), [holoscan::Scheduler](#)

Protected Functions

`void update_params_from_args()`

Update parameters based on the specified arguments.

```
inline virtual void set_parameters()
```

Set the parameters based on defaults (sets GXF parameters for GXF operators)

```
void update_params_from_args(std::unordered_map<std::string, ParameterWrapper>
&params)
```

Update parameters based on the specified arguments.

Protected Attributes

```
std::shared_ptr<ComponentSpec> spec_
```

The component specification.

Friends

```
friend class holoscan::gfx::GXFExecutor
```

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