



## **Class TransformBase**

# Table of contents

Inheritance Relationships

---

Class Documentation

---

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

## Inheritance Relationships

### Derived Type

- `public holoscan::inference::GenerateBoxes` ([Class GenerateBoxes](#))

## Class Documentation

class TransformBase

Base Transform Class.

Subclassed by [holoscan::inference::GenerateBoxes](#)

Public Functions

virtual ~TransformBase() = default

```
inline virtual InferStatus execute(const std::map<std::string, void*> &indata, const
std::map<std::string, std::vector<int>> &indim, DataMap &processed_data, DimType
&processed_dims)
```

Does the transform execution.

Parameters

- **indata** – [Map](#) with key as tensor name and value as raw data buffer
- **indim** – [Map](#) with key as tensor name and value as dimension of the input tensor
- **processed\_data** – Output data map, that will be populated
- **processed\_dims** – Dimension of the output tensor, is populated during the processing

Returns

InferStatus

```
inline virtual InferStatus initialize(const std::vector<std::string> &input_tensors)
```

© Copyright 2022-2024, NVIDIA.. PDF Generated on 06/06/2024