



Function holoscan::utils::get_data_per_model

Table of contents

Function Documentation

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

Function Documentation

`gxf_result_t holoscan::utils::get_data_per_model(InputContext &op_input, const std::vector<std::string> &in_tensors, Holoinfer::DataMap &data_per_input_tensor, std::map<std::string, std::vector<int>> &dims_per_tensor, bool cuda_buffer_out, const std::string &module, gxf_context_t &context, CudaStreamHandler &cuda_stream_handler)`

Extracts data from GXF Receivers.

Parameters

- **op_input** – Input context
- **in_tensors** – Input tensor names
- **data_per_input_tensor** – [Map](#) is updated with output tensor name as key mapped to data buffer
- **dims_per_tensor** – [Map](#) is updated with tensor name as key mapped to dimension of input tensor
- **cuda_buffer_out** – Flag defining the location of output memory (Device or Host)
- **module** – Module that called for data extraction
- **context** – GXF execution context
- **cuda_stream_handler** – Cuda steam handler

Returns

GXF result code

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