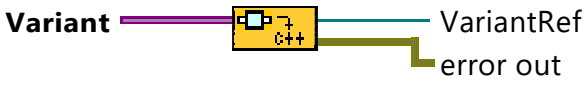
ToVariant++.vi
C:\Users\dholstein\source\repos\Variant++\Variant++.llb\ToVariant++.vi
Last modified on 8/4/2022 at 1:10 PM
Printed on 8/4/2022 at 1:13 PM

Connector Pane

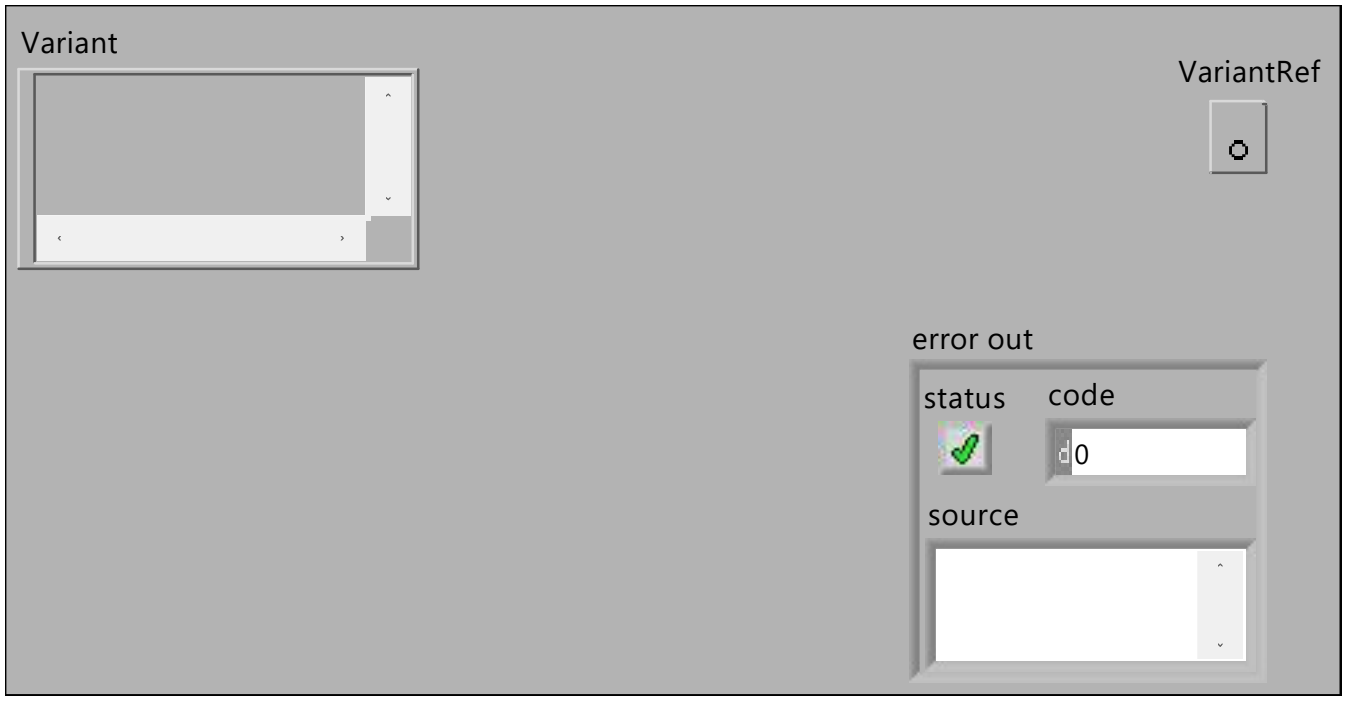
ToVariant++.vi



Convert LabVIEW variant to C++ std::variant

Can then be used and retrieved from C++ DSO/DLL.

Front Panel



Controls and Indicators

Variant
To be converted to std::variant

error out
The <B>error in</B> cluster can accept error information wired from VIs previously called. Use this information to decide if any functionality should be bypassed in the event of errors from other VIs.

The pop-up option <B>Explain Error</B> (or Explain Warning) gives more information about the error displayed.

status
The <B>status</B> boolean is either TRUE (X) for an error, or FALSE (checkmark) for no error or a warning.

The pop-up option <B>Explain Error</B> (or Explain Warning) gives more information about the error displayed.

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code
The <B>code</B> input identifies the error or warning.

The pop-up option <B>Explain Error</B> (or Explain Warning) gives more information about the error displayed.

source
The <B>source</B> string describes the origin of the error or warning.

The pop-up option <B>Explain Error</B> (or Explain Warning) gives more information about the error displayed.

VariantRef
A reference to a C++ variant object

#define VAR_TYPES int8_t, uint8_t, int16_t, uint16_t, int32_t, uint32_t, float, double, string, uint8_t*

Image

Block Diagram