



**Innovative Teaching Approaches
in development of Software Designed
Instrumentation and its application
in real-time systems**

The Advanced Applications of LabVIEW

Lecture 5: Queued Message Handler

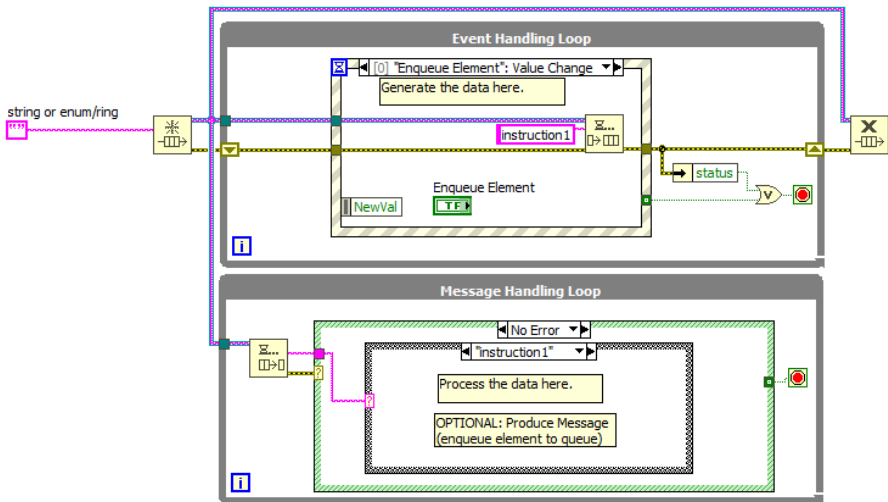
Co-funded by the
Erasmus+ Programme
of the European Union

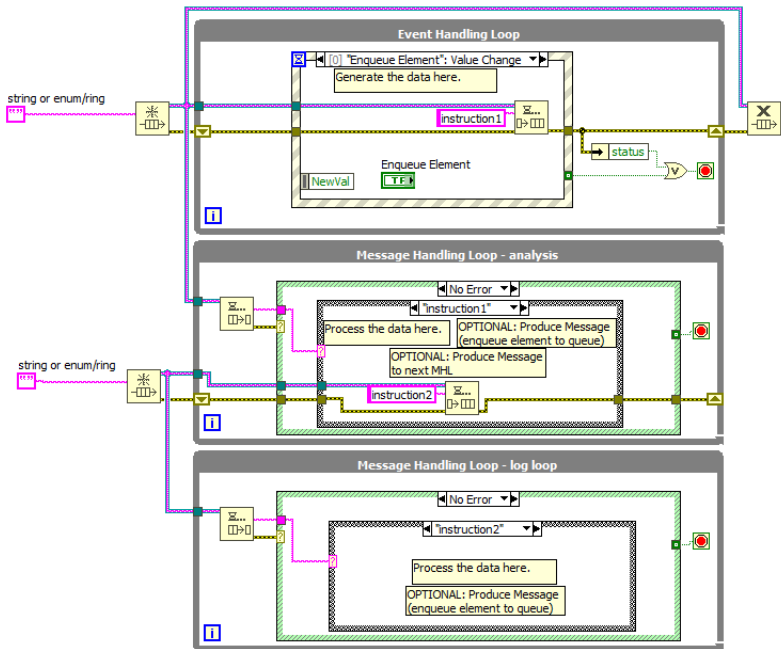


Characteristic of QMH

- The Queued Message Handler (QMH) design pattern is a modification of producer/consumer design pattern.
- In this case, the producer loop sends messages to the consumer loop. Consumer loop analyses messages and also can add new messages to the queue (sending to itself).
- In practice, it means that new elements are added to queue in producer and consumer loops.
- The type of element, which queue is processing is string or enum/ring.

- QMH consists of: one event handling loop (EHL) and at least one message handling loop (MHL).







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Thank you for attention!

Lecture was prepared based on materials from: "LabVIEW Core 3 Course Manual".

This project has been funded with support from the European Commission. This communication reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.