

Project Note

LabVIEW Consulting and Coaching

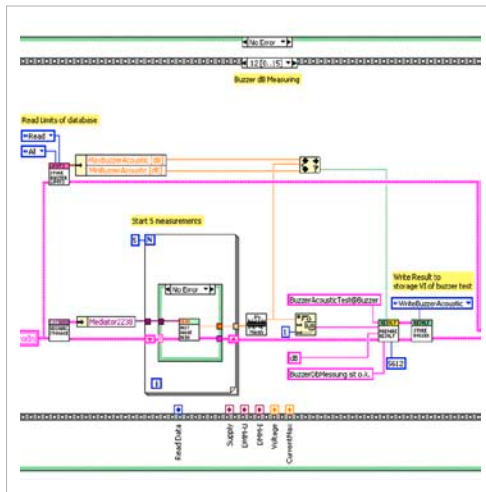
Together with the customer a robust software architecture for a laboratory automation is developed. During the realisation phase of the project the internal LabVIEW team is trained and coached by a Zühlke specialist.

Task

The objective is to use the LabVIEW programming language for challenging projects surrounding laboratory automation. A robust software architecture is to be developed which can be upgraded and reused in the future, if need be. The customer is already familiar with the basic features of LabVIEW but during the implementation of this challenging application the employees should be able to benefit from the know-how gained by an external LabVIEW specialist.

Implementation

As a first step, the detailed application work-flows are clarified together with the customer and the relevant software architecture drawn up. During the start phase, and to facilitate an easy introduction to the matter in hand, the basic functionality of the application [Framework] and the central device drivers are implemented by a Zühlke LabVIEW specialist. In tandem with the implementation the customer's employees are coached in LabVIEW, Style Guide and code reviews. Thereafter, the customer builds on this coaching and implements the application on his own. When questions and problems arise the Zühlke LabVIEW coach is on hand to provide support selectively either by e-mail or over the phone. A rapid response time is guaranteed since the Zühlke employee is already familiar with the architecture.



Customer Benefits

- Rapid increase in in-house LabVIEW know-how
- Training "on the job" with the help of a specific project
- Easy access to external and selective support during the project
- Project completed on schedule
- Software components can be reused for future LabVIEW applications

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