Real-time application with high-speed camera

Interdisciplinary Project

Motivation:

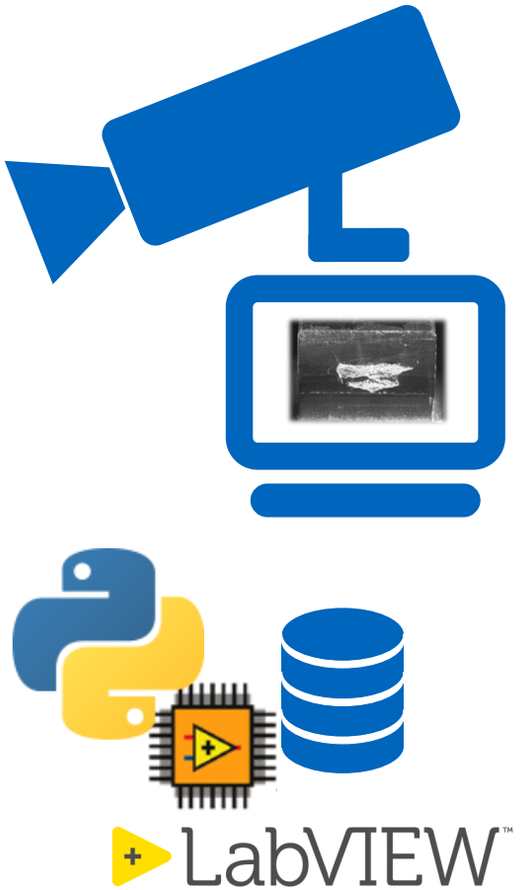
At the Gear Research Centre we are conducting widespread tests in the field of drive technology. Amongst other things we evaluate gear flank changes and damages in service with the interest of live monitoring.

Your task:

The goal of this IDP is the development of a real-time application. You will work on the synchronization and data handling of various sensor channels including a high-speed camera with gear flank images. Therefore, you evaluate the different sensor interfaces, develop a concept for synchronization and communication and implement an custom-made application.

Your profile:

- Interested in real-time applications and measurement technology
- Coding Skills (e.q. Python, Labview)
- Highly motivated and responsible
- Fluent in English or German



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