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Rapid web application design for silicon detector measurements

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Developments of new silicon detectors come with a demand for comprehensive measurements of its characteristics. To allow access to the measured (and processed) data by all interested parties a central data repository combined with an adequate remote query mechanism is necessary. The talk will demonstrate how the development of a web application for this purpose can be achieved with minimal resources. By using the Open Source web framework Catalyst and a SQL database a very flexible and modular design of the entire system has been achieved. Changing requirements to the system such as DB schema changes are easy to handle. The framework is rather generic and has also successfully tested for other applications.

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