

Device Error Handling in ChimeraTK.



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RESEARCH FOR GRAND CHALLENGES

Have you noticed that..

- a large fraction of code in control applications is **error handling**?
- many errors are **device errors**?
- error handling is usually the same?
 - Report error to control system
 - Wait until error has gone
 - Resume operation

⇒ Lots of concepts and **code copied** across applications!

ChimeraTK

A tool kit to develop applications for control systems.



Device error handling in ChimeraTK

- The framework takes care of the error handling
- Business logic can just read/write data

Advantages

- Shorter applications that concentrate on the algorithm
- Sophisticated error handling is always there, out of the box

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Sounds to good to be true?

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