



TACO TANGO



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Developments basing on TACO at ROBL (CRG)

Winfried Oehme, Forschungszentrum Rossendorf, Germany

The Forschungszentrum Rossendorf has built and operates a CRG beam-line ROBL at BM20. The talk illustrates how we designed the beam-line control and the experiment automatization of the two experimental stations by benefiting from common concepts of the ESRF and in particular from TACO. We could use a lot of electronics components and software developed and supported by the ESRF. We have also written seven ROBL-specific Device Servers basing on the TACO technology to integrate our specific devices into a common concept. Also different specialized applications basing on OSF/MOTIF have been written in C/C++ which extensively use the TACO libraries and also own domains in the database. We could also implement an application using 19 threads which uses TACO successfully. In one of the applications we demonstrated that both on TACO and on ONC+/RPC basing client/server communication can be used together. TACO has proofed as an easy to use, very stable and always compatible toolkit to implement distributed client/server communication. It can also be used from external companies.