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Martin Borriss

Work Experience

since 2011 **DHL HO** **IT Architect** **Bonn, Germany**

I am responsible for the full life cycle of selected global projects of the eCommerce unit. This includes project initiation, shaping scope with stakeholders, high-level design, defining project methodology and location, setting up and evolving the development team, day-to-day management, stakeholder communication, releasing to production. Projects include:

Compliance system

Restricted party screening of parcel recipients. Based on Webmethods Java container, BPM and workflow engines, screening backend. 2013-2014. Prague, CZ.

Integration platform

Explicit ESB/SOA-style integration hub to integrate back-end applications and exposure of their functionality through RESTful API internally and externally. Since 2014. Prague, CZ.

I have initiated the global architecture function for the unit. In that role, I am responsible for technical aspects of the overall landscape and alignments with regional stakeholders. Examples include a common A2A- and B2B-integration approach.

2007-2010 **DHL US** **Technical PM** **Atlanta, GA, US**

Primarily, I was responsible for the implementation and integration of a transportation management package (Oracle TM) for the US domestic transportation business.

1999-2006 **DHL IT** **Principal Architect** **Dresden, Germany**

During that timeframe I managed a number of development projects (Java EE based), and supporting as IT consultant several divisions of DHL at different locations.

1995-1998 **TU Dresden** **Research Assistant** **Dresden, Germany**

Member of the RTOS research group. Contributed to L4 μ -kernel based research (Linux on L4 μ -kernel, implemented pthreads API on L4).

Education

- 1999 Ph.D. thesis work[1] at Technical University Dresden, CS department, Operating Systems Chair. Designed and implemented ATM based networking stack capable of QoS guarantees[2].
- 1994-95 Non-degree graduate student at Rensselaer Polytechnic Institute, Troy, NY. Funded through grant by Dresdner Bank AG. GPA 4.0 based on ten classes.
- 1989-1994 M.Sc. (Diplom-Informatiker) at Technical University Dresden. Thesis on Queuing systems.

Projects and Interests

- 2000 Chess Program *Gullydeckel*[3].
- Broad interests currently ranging from competitive programming and software project management to IT management and enterprise architecture.

Selected Publications

- [1] M. Borriss, *Operating System Support for High-Speed Communication*, Shaker Aachen 3-8265-6827-3,1999.
- [2] M. Borriss and H. Härtig, *Design and Implementation of a Real-Time ATM-Based Protocol Server*, 19th IEEE Real-Time Systems Symposium, Madrid, 1998. Available from <http://borriss.com/pdf/rtss.pdf>.
- [3] Available from <https://github.com/borriss/gully.git>