Project Da CaPo++, Volume I: Architectural and Detailed Design

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General Information

The research project KTI–Da CaPo++ is based on the project Da CaPo (Dynamic Configuration of Protocols) at the ETH. The extended system of Da CaPo++ provides a basis for an application framework for, *e.g.*, banking environments and tele-seminars. It includes the support of prototypical multimedia applications to be used on top of high-speed networks including dynamically configurable security and multicast aspects.

This report is structured in two separate, but interconnected parts.

Part I, the "Architectural Design", presents in the beginning the set of ideas and their architectural design for various aspects. It dates from February 1996 and determines this status of the project. Within the following 44 pages many important issues are discussed.

Part II, the "Detailed Design", presents the deatiled design goals achieved for the Da CaPo++ project. Its content determines the project status in July 1996 in the next 84 pages. The structure of both parts is identical and shown by two separate tables of contents. However, part II discusses many refinements of initially stated design issues, while referring to the architectural design once in a while.

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