This book is about JOP, the Java Optimized Processor. JOP began as research project for a PhD thesis. JOP has been used in several industrial applications and, due to the fact that it is an open-source project, has a growing user base. This book is written for all of you who build this lively community. The book is based to some extent on the PhD thesis. For a long time the thesis, some research papers, and the web site have been the only available documentation for JOP. A thesis is quite different to a reference manual. Its focus is on research results and implementation details are usually omitted. This book fills the gap and provides insight into the implementation of JOP and the accompanying Java virtual machine (JVM). It also gives you an idea how to build an embedded real-time system based on JOP.

JOP Reference Handbook

Martin Schoeberl

JOP Reference Handbook

Building Embedded Systems with a Java Processor

Martin Schoeberl