



Origin of the Field „Software Architectures“

Literatur und
allgemeine Quellen

▶ Historie

▶ Bücher

▶ Dank

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

- 1992 – Dwayne Perry and Alexander Wolf
Foundations for the Study of Software Architectures
in Software Engineering Notes
- 1993 – David Garlan and Mary Shaw
An Introduction to Software Architecture
in Advances in Software Engineering and Knowledge
Engineering
- 1994 – Special Issue on Software Architecture
in IEEE Transactions on Software Engineering
- 1995 – Special Issue on Software Architecture
in IEEE Software Magazine



Literatur und
allgemeine Quellen

▶ Historie

▶ Bücher

▶ Dank

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

- **The Artistry of Software Architecture**
Maarten Boasson
- **Architectural Mismatch: Why Reuse is so Hard**
David Garlan, Robert Allen, and John Ockerbloom
- **Comparing Architectural Design Styles**
Mary Shaw
- **The 4+1 View Model of Architecture**
Philippe Kruchten
- **Creating Architecture With Building Blocks**
Frank van der Linden, Jürgen Müller



Very Active and Established Field

Literatur und
allgemeine Quellen

▶ Historie

▶ Bücher

▶ Dank

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

▶ ...

- Available Resources

- >1 million links for „software architecture“ [Google, April 2010]
- >200 books found wrt. „Software Architecture“ [Amazon, April 2010]

- Academic Community

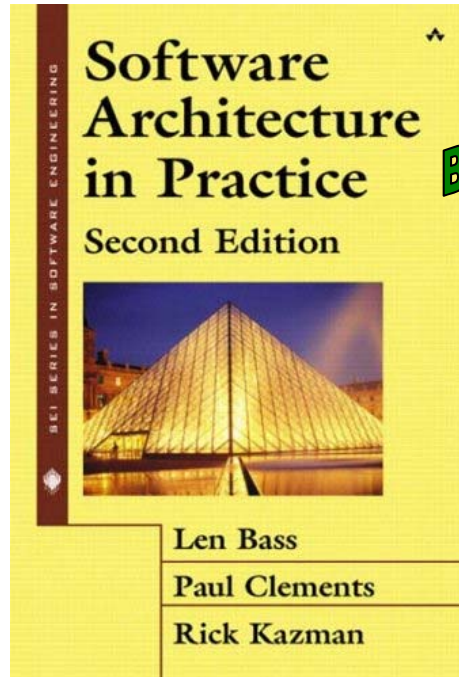
- Dedicated conferences
 - **WICSA** (Working Conference on Software Architecture)
 - **ECSA** (European Conference on Software Architecture)
- Special workshops associated with most software engineering conferences
- Permanent Section on Architecture in the Journal of Software and System Engineering (JSS)
- Major buzzwords and trends related to the architectural field: MDA, EAI, SOA, ...



Zur Orientierung

Literatur und
allgemeine Quellen

- ▶ Historie
- ▶ Bücher
- ▶ Dank
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...



Bass, Clements, Kazman:
Software Architecture
in Practice

Siedersleben:
Moderne Software-Architektur

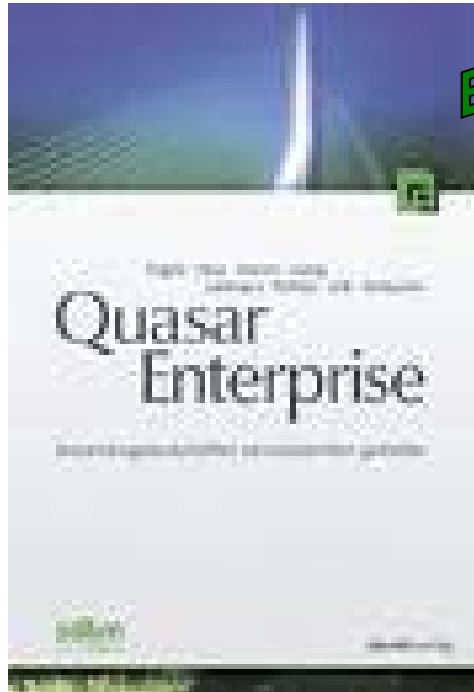




Diverse...

Literatur und
allgemeine Quellen

- ▶ Historie
- ▶ Bücher
- ▶ Dank
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...



Engels, Hess, Humm,
Juwig, Lohmann, Richter
(Voß, Willkomm):
Quasar Enterprise



Posch, Birken, Gerdom:
Basiswissen
Softwarearchitektur



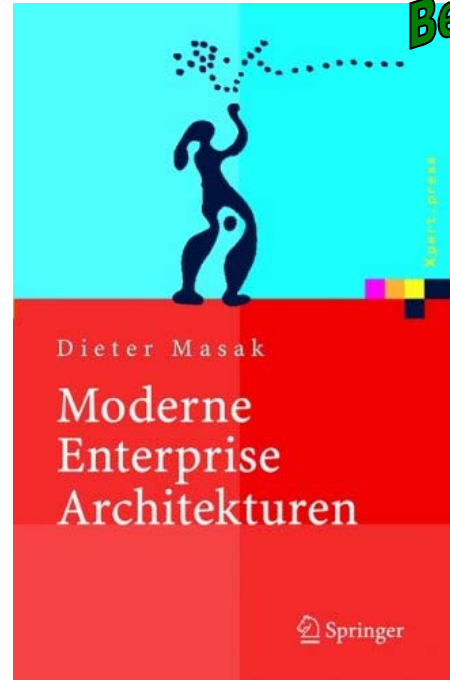
Diverse...

Literatur und
allgemeine Quellen



Bei mir...

Reussner, Hasselbring:
Handbuch der
Software-Architektur



Bei mir...

Masak:
Moderne Enterprise
Softwarearchitekturen



Bibliothek



Starke:
Effektive
Software-Architekturen



Diverse...

Literatur und
allgemeine Quellen

▶ Historie

▶ Bücher

▶ Dank

...

...

...

...

...

...

...

...

...

...

...



Broschüre im Web

entwickelt am
Fraunhofer IESE



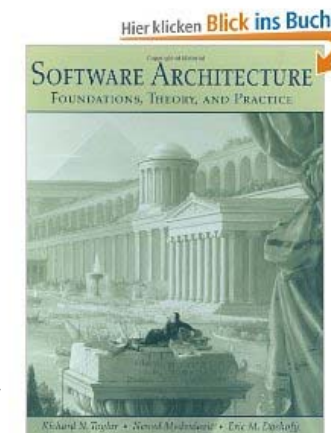
Stefan Zörner,
Gernot Starke

Bei mir...



Auch im Web

Richard Monson-Haefel



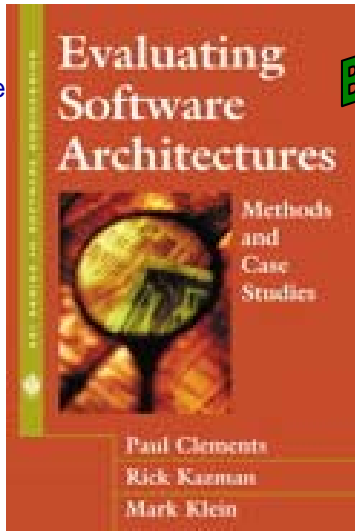
Richard N. Taylor,
Nenad Medvidovic,
Eric M. Dashofy



Literatur zu speziellen Themen

Literatur und
allgemeine Quelle

- ▶ Historie
- ▶ Bücher
- ▶ Dank
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...



Bibliothek

Clements, Kazman, Klein

Böckle, Knauber,
Pohl, Schmidt

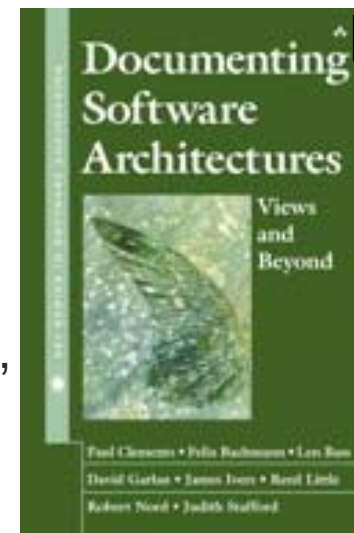
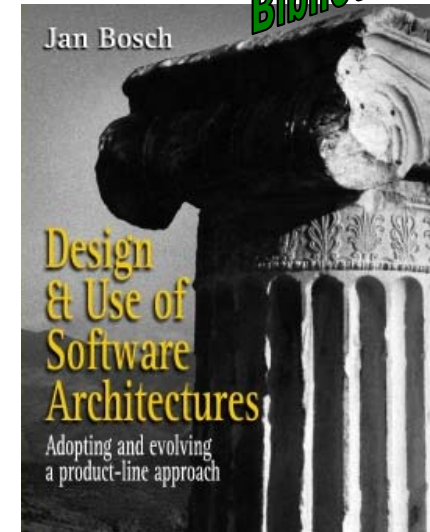


Bei mir...

Clements, Bachmann,
Bass, Garlan, Ivers,
Little, Nord, Stafford

Bosch

Bibliothek



Bibliothek

Vielen Dank an ...

Fraunhofer IESE



**Fraunhofer-Platz 1
67663 Kaiserslautern**



Vielen Dank an ...

Literatur und
allgemeine Quellen

- ▶ Historie
- ▶ Bücher
- ▶ Dank
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...
- ▶ ...

