

PillarOne – Risk, Rating and Reserving Platform



Markus Stricker, Intuitive Collaboration

March 12, 2008



- Risk, rating and reserving
- Why a Platform?
- Value Proposition of Open Source
- Ecosystem
- Platform Architecture Overview
- Technology Stack
- Roadmap: Platform
- Roadmap: Standard Applications, Application Templates
- Join the Community @ PillarOne.org
- PillarOne Contacts

PillarOne is

- A **vertical solution** for the insurance industry
- A risk analytics platform to create decision support for **enterprise risk management** (ERM)

Core insurance processes which require analytical support:

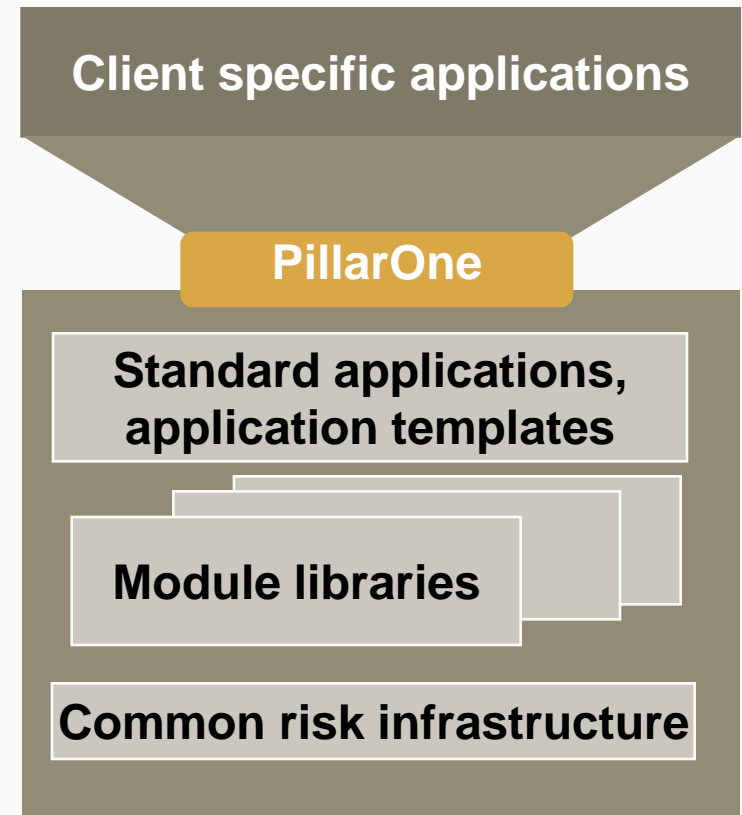
| Process | Analytical Task |
|----------------------|---------------------------------------|
| risk rating | price calculation |
| risk management | e.g. capital requirements calculation |
| financial management | e.g. reserve calculation |

Why a Platform?

Risk-related processes are at the core of the insurance business

→ insurance companies build custom processes to gain competitive advantage.

A platform provides a high level of flexibility on top of a company-independent risk infrastructure.



- To understand this presentation one does not need to know how Powerpoint is implemented. But to interpret an insurance company's risk-related figures, one needs to know which analytics were used.
- Knowing where there are weak spots is the first step towards mitigating them - risk management has a lot to do with transparency
- The value proposition is similar to the one of security-related software

See also my blog on ["Risk Management meets Open Source"](#)

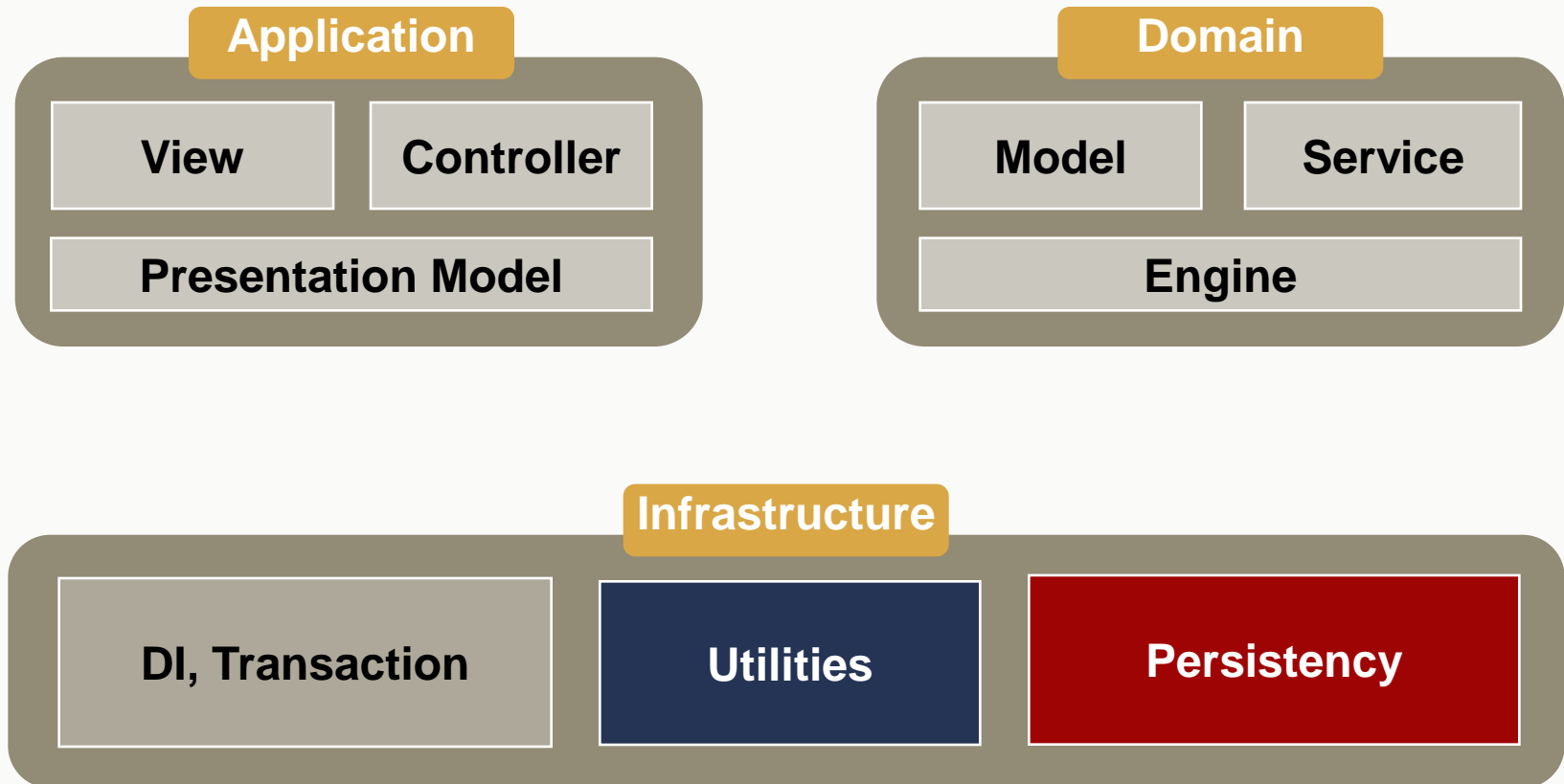


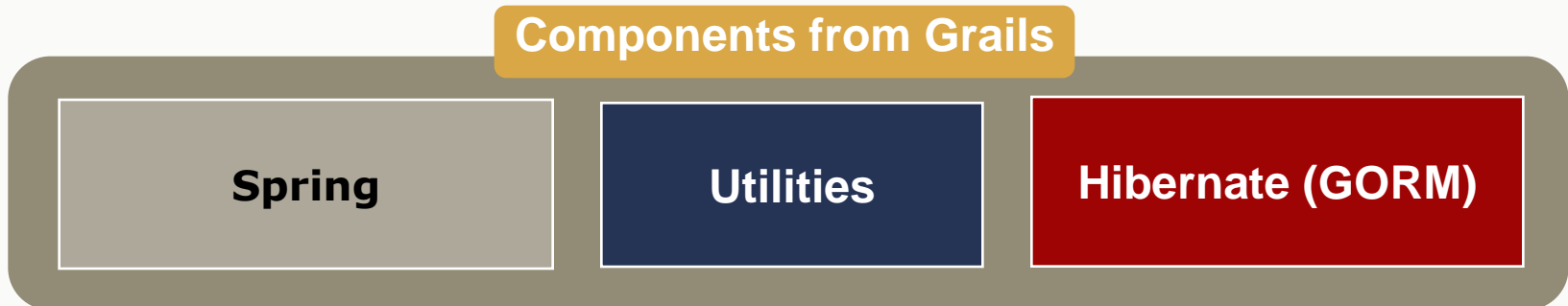
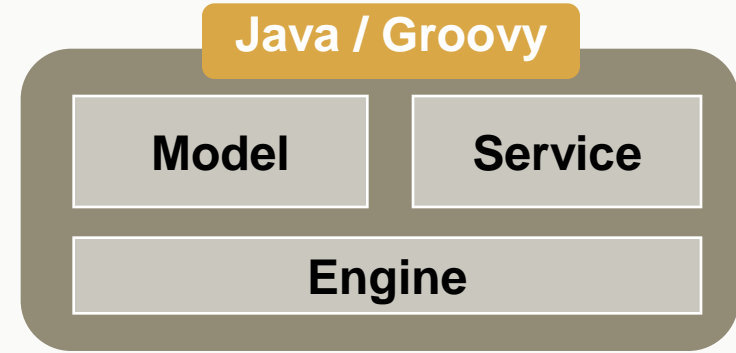
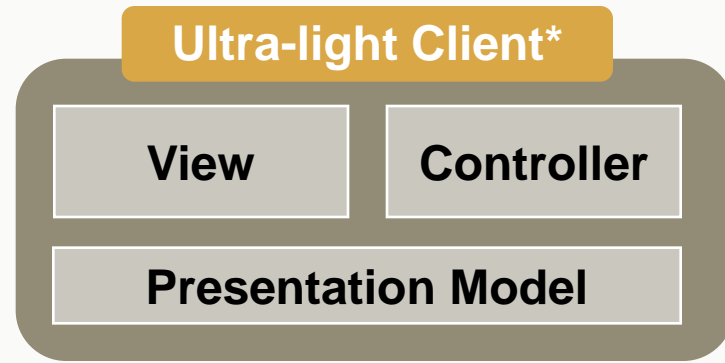
Special role of Munich Re as

- initiator,
- sponsor and
- provider of committer resources

Other major committer resources

- Intuitive Collaboration
- **cano**





*ULC from Canoo Engineering is not an open source product, but Canoo Engineering donates the licences to all PillarOne developers and users.

April 2008: All PillarOne applications

- deployment as standalone or deployed as multi-user client-server applications
- drag-and-drop interaction with MS Excel and OpenOffice Calc
- provide smart comment feature
- tagging of information

October 2008:

- audit track
- simulation engine to build partial internal or internal risk models

2009:

- reporting support
- accounting figures

Roadmap: Standard Applications, Application Templates



April 2008: Reserving Application with

- projection with two standard methods
- general projection method interface to add other projection methods
- data diagnostics
- reserve aggregation according to business segmentation

October 2008: Solvency II application

- standard risk capital model
- application template for partial internal model

2009:

- join the community and tell us which applications add the most value

Risk Management meets Open Source

PillarOne focuses on risk management: contracts, portfolios and organisations. Driven by the new requirements of Solvency II, PillarOne addresses all facets of risks - it provides a sound foundation in enterprise risk management.

The PillarOne community discusses, compares and benchmarks risk management methods, and even collaboratively develops new, improved approaches. All results are freely available - including the state-of-the-art software implementation, jointly led by industry specialists and professional enterprise application developers.

Events

Read up on PillarOne events and on further risk management topics.

[PillarOne at OpenExpo](#)
12.03.2008 13:50 - Berne

[PillarOne architect speaks at OpenExpo](#)
13.03.2008 11:10 - Berne

[▶ More events...](#)

Blog

Stay updated on PillarOne issues and post your comments.

[Risk Management Meets Open Source](#)
06.03.2008

[▶ More entries...](#)

News & Releases

Have a look at the PillarOne workbench and obtain free downloads.

[Reserving Application](#)
06.03.2008

[▶ More news...](#)



[REGISTER](#)

Get involved in our project - participate in the community.

[▶ Join PillarOne](#)

TOOLS:

[✉ Send this](#)

[🖨 Print this](#)

[👤 Log in](#)

Business Project Lead: Jörg Dittrich

Munich Re

Tel.: +49 (89) 3891-5972

E-mail: jdittrich@munichre.com

IT Project Lead: Markus Stricker

Intuitive Collaboration

Tel.: +41 (44) 500 4980

E-mail: markus.stricker@intuitive-collaboration.com

Community and Marketing: Thomas Schaffrath-Chanson

Munich Re

Tel.: +49 (89) 3891-2150

E-mail: tschaffrath@munichre.com

Application Architect: Dierk König

Canoo Engineering

Tel.: +41 (61) 228 94 44

E-mail: dierk.koenig@canoo.com