

Agenda Stanford Meeting
with Prof. David Luckham and
CITT (Rainer v. Ammon, Daniel Jobst)

Time frame: between 10th and 15th of December
(we arrive on the 8th and leave on the 16th)

Topic	Who	Time
1. Outline of the new book of D.L. Outline of the case studies	David Luckham Discussion	
2. What is the State of the Art of CEP/BAM	Discussion / questions to David Luckham	
a. Examples of event patterns, from low level events to business level events		
b. Standards like Common Event Infrastructures, Common Base Event...		
c. Evaluations of rule engines for event filtering and abstracting		
d. CEP within J2EE- achitectures	CITT	
3. Potential partners for case studies from CITT: presentation of concepts and adequacy for book of D. Luckham and Yorktown Heights symposium	CITT	
a. Dresdner Bank		
b. DZ-Bank		
c. HypoVereinsbank		
d. Norisbank		
4. Hands on workshop about a BPM/BAM-project	CITT	
a. ARIS-BEA Weblogic Workshop-PPM	presentation	
b. ARIS-IBM WebSphere Process Server-PPM	discussion	
c. Other Best-of-Breed- approaches	discussion	
5. Packaged approaches	CITT	
a. Oracle BAM	discussion	
b. Tibco BE	discussion	
c. IBM	discussion	
d. BEA-Proactivity	discussion	
e. Others		
6. Future cooperation between Stanford-CEP-group/David Luckham and CITT/University of Regensburg and Upper Austria University of Applied Sciences	discussion	

7. Meeting with Tibco	Arranged by D.L.	
8. Meeting with BEA	Arranged by CITT	

Outline of the Case Studies

A) Instant Credit (Hypo Vereinsbank)

1) The problem domain

- Event cloud – numbers
 - o 2 Mio mainframe events
 - o 60.000 server events
 - o 400 events processed manually
- Typical problems – examples
 - o 240.000 € contract toll penalty
 - o 10 Mio € fix costs + process costs for Instant Credit only
- ...

2) “Ad hoc”-solution of HVB

- First process modeling led to interesting findings
 - o 4 times “Schufa-Auskunft” (Credit Info System)
 - o Why is Exchange Server included?
 - o ...
- Concentration on Tivoli events
- Aggregating indicators + alerts
- All is hand coded
- ...

3) Single Event Processing – As Is

- Best-of-Breed approach ARIS-BEA-PPM
 - Steps to do:
 - o Remodeling the process
 - o Finding SOA-services
 - o Making an executable workflow / workflow engine based (BPEL)
 - o Monitoring processes
 - o BAM
 - o Visions of future standards
- } based on standards
} still proprietary

4) CEP as a vision

- vision outline / business view / reasons why
- finding event patterns
- visions of event abstracting / views / roles
- ...

5) Infrastructure for CEP

B) New Account Opening (Dresdner Bank)

- dto

C) Future Administration Process (Financial Markets Service Bank)

- dto

D) EasyCredit (norisbank)

- dto