

4th Event Processing Symposium

Contributed by Brian Connell
Thursday, 25 September 2008
Last Updated Sunday, 05 October 2008

The EPTS 4th Event Processing Symposium (and first since the official EPTS launch) took place in September 17-19, 2008 at Stamford, CT, USA.

The attendance was high (even with some overflow on the designated slots due to demand), with participants from vendors, academic, customers, analysts, and independent consultants. The presentations are available to registered users in the Downloads section of this website .

The program included four keynote addresses:

- A VC perspective on Event Processing
- The perspective of the value of Event Processing to a customer
- From the perspective of research directions
- From the perspective of Standards

The symposium contained a review and assessment of the event processing discipline from all aspects – where it is now, and where it is going, and encouraged discussions in various topics, which took the form of panels and discussions among the participants. It was a great opportunity to network and engage in coopetition.

On the last day, the business meeting took place and resulted in proposals for a total of nine work-groups (two of them are continuation of work-groups that started in the pre-EPTS era). These work-groups will proceed through an approval process so there is a chance that not all proposals will result in the formation of a work-group. But I am hugely encouraged by the fact that nine work-groups have been proposed as this is a huge step-up in EPTS activities, and hopefully impact on the evolving EP discipline.

I would like to thank the participants, the panelists, the speakers, and especially the symposium sponsors:

- Gartner (main sponsor)
- Aleri and Event Zero for coffees and lunch
- IBM who handled the registration for the conference

I wish everybody fruitful participation in the EPTS activities, and look forward to seeing you in further meetings.

Opher Etzion

EPTS Steering Committee Chair.

Agenda - Day 1

Time
Topic

8:30
Introduction & agenda and goals for the meeting

Opher Etzion(IBM), EPTS Steering Committee Chair

8:45
Keynote Address : Why I invested in Event Zero . The event processing market from VC perspective

Speaker: Ramin Marzabani, VC investor

9:30
Panel : Is event processing a hype or the best invention since sliced bread ?

Event processing market from business perspective

Moderator: Alan Lundberg (TIBCO) - EPTS Steering Committee Member Panelists:

- Brenda Michelson (Elemental Links)
- Larry Fulton (Forrester)
- Mark Palmer (Streambase)
- Ramin Marzabani (EventZero)
- Stephanie McReynolds (Oracle)

11:15
Keynote address:

Event processing in algorithmic trading & a customer's perspective .

Speaker: Robert Almgren (Quantitative Brokers and NYU)

12:00
Panel: Event Processing as seen by customers & where does it help? What is the ROI ?

What is the potential to do more? What is missing to get there?

Moderator: David Luckham (Stanford University), EPTS Steering Committee Member

Panelists from various industries:

- Defense: Arkady Godin (Mitre)
- Entertainment: Alex Kozlenkov (Betfair)
- Finance: Ian Koenig (Independent Consultant, formally chief architect at Thomson Financial)
- Telco: Jeff Farr (Dycom Industries)

14:30

EPTS Glossary – current state, continuation, challenges

Report by: David Luckham (Stanford University), Roy Schulte (Gartner), workgroup co-chairs.

15:15

EPTS use case workgroup – current state, continuation, presentation of use case template

Report by: Pedro Bizarro (U. of Coimbra, Portugal), Dieter Gawlick (Oracle) – workgroup chairs

16:10

Use Case I: Fraud Detection Scenario .

Speaker: Alex Kozlenkov (Betfair)

16:30

Use Case II: Real-Time Data Stream Analytical Pub/Sub System

Speaker: Arkady Godin (Mitre)

16:50

Use Case III: Aspects of Performance monitoring within a Mobile Operator

Speaker: Brian Connell (WestGlobal)

17:10

Use Case IV: Inform and direct first responders and people at risk in case of an incident

Speaker: Dieter Gawlick (Oracle)

17:30

Use Case V: Preservation and Maintenance Facility Safety

Speaker: Guy Sharon (IBM)

17:50

Use Case VI: Internalization and Alternative Trading Venues

Speaker: Richard Tibbetts (Streambase)

Agenda - Day 2

Time
Topic

8:30

Keynote address : A Vision for Event Processing Technology in 2018: Roadmap for Research Directions

Susan Urban (Texas Tech. University)

9:15

CTO and Senior researchers panel

What is the technology vision for event processing?

Moderator: Richard Tibbetts, Streambase - EPTS Steering Committee Member

Panelists:

- Albert Mavashev (Nastel)
- Jerry Baulier (Aleri)
- John Bates (Progress/Apama)
- Malcolm Lockhart (Event Zero)
- Mani Chandy (Cal Tech)
- Mark Tsimelzon (Coral8)

10:50

Prova, Rule Responder and Reaction RuleML for intelligent CEP

Speaker: Adrian Paschke (RuleML Inc) and Alex Kozlenkov (Betfair)

11:10

System S: Stream Computing at IBM Research

Speaker: Fred Dougliis (IBM T.J. Watson Research Center)

11:30

Event Processing research overview in IBM Haifa Research Lab

Speaker: Guy Sharon (IBM Haifa Research Lab)

11:50

Federated Event Driven Systems

Speakers: Michael Olson and Mani Chandy (Cal. Tech)

12:10

Intelligent CEP for Agile BPM,

Spekaer: Nenad Stojanovic (FZI Karlsruhe)

12:30

BiCEP – benchmarking complex event processing systems

Speaker: Pedro Bizarro (U. of Coimbra, Portugal)

12:50

Research Directions for the Specification, Semantics, and Optimization of a Stream Composite Event Definition Language for Distributed Event Stream Processing

Speaker: Susan Urban (Texas Tech University)

14:15

Keynote Address : The role and influence of standards

Chris Ferris (CTO Industry Software Standards, IBM)

15:00

Panel: Event Processing Standards? – What? When? Why? How they are related to other standards ?

Moderator: Roy Schulte, Gartner - EPTS Steering Committee Member

Panelists:

- Adrian Paschke (RuleML)
- Bob Marcus (SRI)
- Chris Ferris (IBM)
- Louis Lovas (Progress/Apama)
- Paul Vincent (TIBCO)
- Shailendra Mishra (Oracle)

16:35

Event distribution in heterogeneous environment.

Speaker: Peter Niblett (IBM)

17:05

Event Processing as a service.

Speaker: Bob Marcus (SRI)

17:35

Teaching event processing Presentation of proposal for Master degree in event-driven BPM and discussion about academic courses related to event processing

Speaker: Rainer Von Ammon (CITT)