

2nd Dagstuhl Seminar on EVENT PROCESSING

Dagstuhl Seminar 10201

May 16-21, 2010

Organizers:

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1. The Seminar's goal and topics

The Dagstuhl seminar is intended to be focused around creating a single document that will define the concepts and facilities, and outline the desired future and research challenges. It will be a result of collaborative work between people from academic and industrial persons.

We plan to achieve this goal by splitting the time between plenary sessions and breakout sessions in which five groups will work in parallel on one of the topics identified. The five topics are:

- Topic 1: Event processing scope, classification and business value.
- Topic 2: Event processing functions: present and future, common and additional functions.
- Topic 3: Event processing and the rest of the IT world: relationships of event processing with other areas (databases, rules, BPM, analytics, cloud computing, social computing...).
- Topic 4: Event processing standards: What standards should be done and when, what should be the starting point and roadmap in each standard.
- Topic 5: Event processing grand challenge: What we would like to achieve if we can get a considerable worldwide research investment? What are the research goals? What are the means to achieve? What will be the end result of this research (e.g. what scenarios will be able to be dealt with?)

Please follow the Wiki: <http://www.dagstuhl.de/wiki/index.php/10201>

for further information, expressing preferences for group participation and any feedback.

User = 10201, Password = 3562

2. The tentative agenda

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 – 10:30	Introduction session	Breakout sessions	Breakout sessions	Deep dive on Topic 4	Final group reports
10:45 – 12:15	Introduction session	Deep dive on topic 1	Deep dive on Topic 3	Deep dive on Topic 5	Closing session with follow-up actions
1:30 – 3:00	Breakout session	Breakout sessions	excursion	Breakout Session	
3:30 – 5:00	Groups agenda presentations	Deep dive on topic 2	excursion	The event processing manifesto	
5:00 – 5:30	Group agenda presentations	Short group reports	excursion	Short group Reports	
Evening	Experience reports of commercial products	Fun session	Discussion on event processing research and event processing as a research discipline	TBD	

3. The group activities

The ground rules are:

1. Each group will be responsible for one chapter in the final document ("event processing manifesto").
2. Each group will have a moderator whose role will be to moderate the discussions and facilitator who will be responsible for the creation of the document and collecting inputs. We'll approach people to ask them to be moderator of various groups, and we'll approach the people from the young researcher community (e.g. PhD students who participate) to serve as facilitators.
3. Partition to groups will be done by the participants, but we may ask participants to move in order to load balance, if needed. We'll use the Wiki to communicate participants' preferences. We would like to have no less than 6 participants and no more than 12 participants in each group.
4. Within the seminar itself, each group will be responsible to present its progress and raise discussion topics with the rest of the participants several times:
 - a. Presenting a deep dive; the deep dive sessions will be spread between Tuesday and Thursday, so they might be provided at different phases of the work (90

- minutes for each deep dive session).
- b. Present and discuss its agenda in Monday afternoon (20 minutes for each agenda presentation).
 - c. Present final presentation in Friday morning (15 minutes for each presentation)
 - d. Provide 5 minutes status report at the end of each day.
5. A strawman agenda for the group work (thanks to Richard Tibbetts for the idea), serving as a starting point:

Monday: Brainstorming and outline creation:

What questions are we trying to answer? What is the group's agenda? What topics do we wish to get feedback from the other participants at the seminar?

Tuesday: First pass:

Detailed plan of the document and presentation, distribution of work. Prepare the deep dive session (for those presenting Tuesday)

Wednesday: Working session;

Filling in the content, discussing any contentious areas; prepare the deep dive session (for those presenting Wednesday and Thursday).

Thursday: Finalize the group's work at the seminar:

Create group action items for any follow-up after the seminar, and finalize a presentation for the last plenary session.

4. Other general sessions:

Monday sessions:

On Monday morning we'll do introduction sessions in the morning.

In these sessions we would like to achieve the following goals:

Introduce each of the participants; Discuss the goals and set the expectations right.

Present the organizers' view about each topic; Finalize the assignment of people to groups.

Thursday afternoon session:

In this session, entitled "event processing manifesto", we'll discuss the manifesto as a whole, after going through all deep dives, see what we achieved and discuss the means to disseminate this manifesto and achieve its desired impact.

Friday closing session:

Summarize and determine action items, responsibilities, and means to track them.

5. Evening sessions:

Evening sessions will take place at the wine cellar (exact hours TBD). They are optional sessions and will not deal with the main topics of the seminar.

Monday session: Experience from the commercial world.

Moderator: Roy Schulte

In this session we'll hear from the industrial participants, especially commercial product architects/CTOs, some lessons that they agree to share with the rest of us, and discuss the current state of the commercial event processing.

Tuesday session: Fun session

This is an opportunity to all talents: art, social games, stand-up, and be in a mood for fun.

Wednesday session: The research aspect

This session will deal with the research aspects of event processing and will feature free discussion on event processing as a research discipline.

Thursday session: We'll decide what to do while being there.