

XES Standard

Felix Mannhardt, Eric Verbeek





- 1. Find Sponsor: July 13th, 2014
 - Webinar on XES: June 20th, 2014







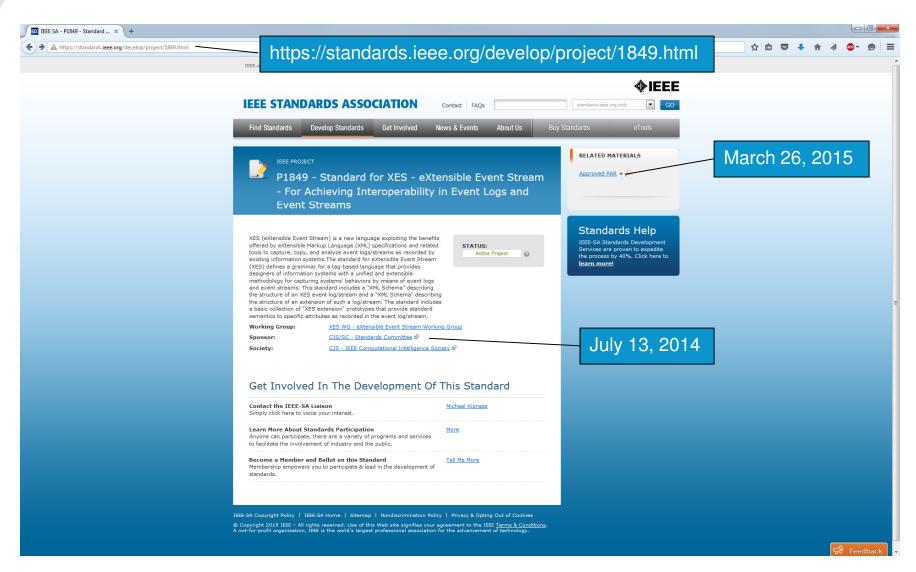
- 1. Find Sponsor: July 13th, 2014 ✓
- 2. Initiating the Project
 - Sponsor submits PAR: February 11th, 2015
 - IEEE SA accepts PAR: March 26th, 2015







Active Project







Project Scope

- Defines a grammar for event logs and event streams
- Includes two XML Schema's

XES event log/stream

- Extension of such a log/stream

Includes basic extensions







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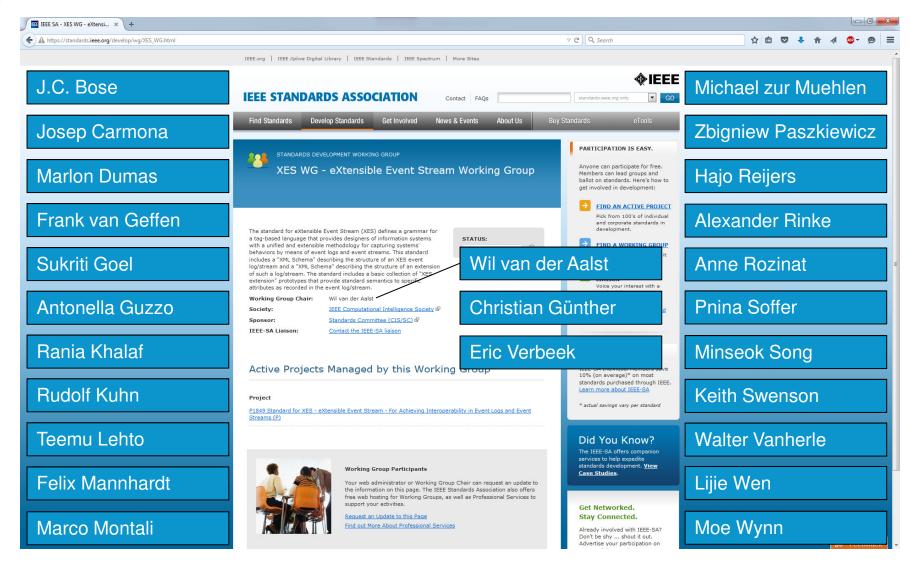
- 1. Find Sponsor: July 13th, 2014 ✓
- 2. Initiating the Project ✓
- 3. Working Group Operations
 - Form Working Group: August 22nd, 2015







Working Group







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- 3. Working Group Operations
 - Form Working Group: August 22nd, 2015 ✓
 - Policies & Procedures: In progress







Policies & Procedures

- Formal document
 - Submitted, waiting for approval from sponsor
- Chair, Vice Chair, Secretary, no Treasurer
 - Wil van der Aalst, Christian Günther, Eric Verbeek
- Chair appoints other officers
- Membership is open
- Two-thirds majority





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- 2. Initiating the Project ✓
- 3. Working Group Operations 2
- 4. Draft Development
 - In progress, Revision 7

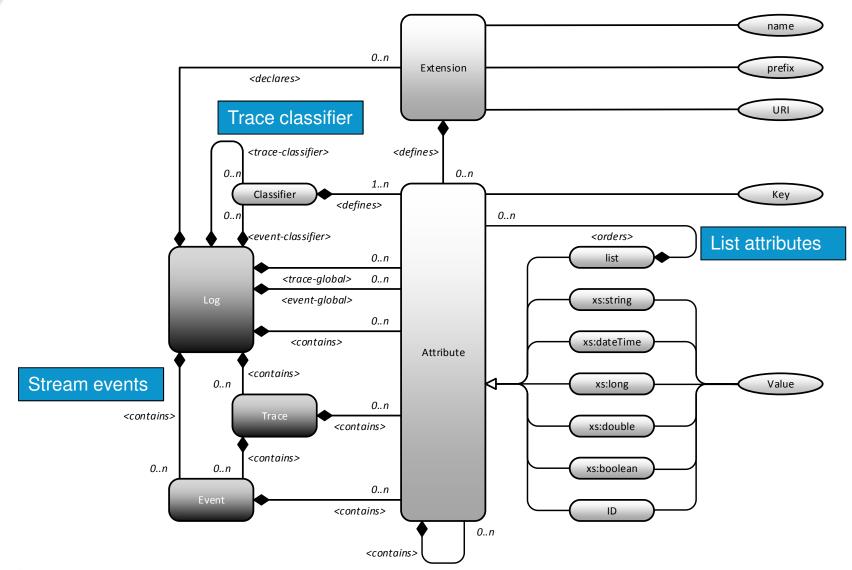
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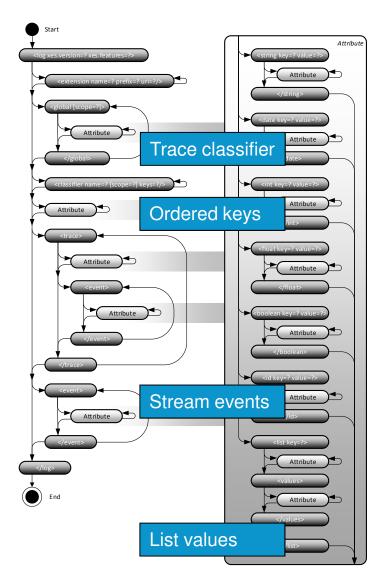
Metadata Structure

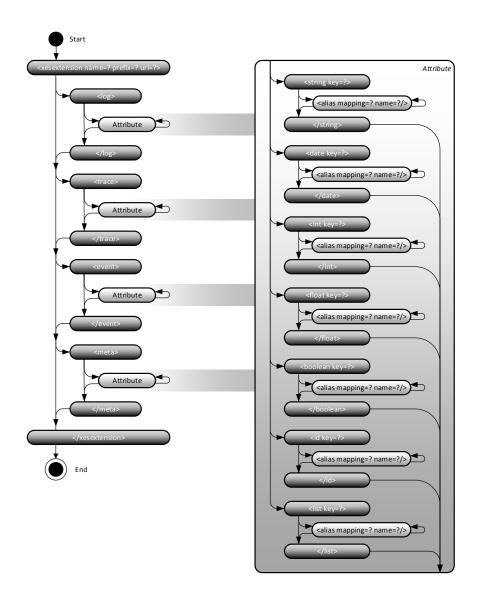






XML Serialization

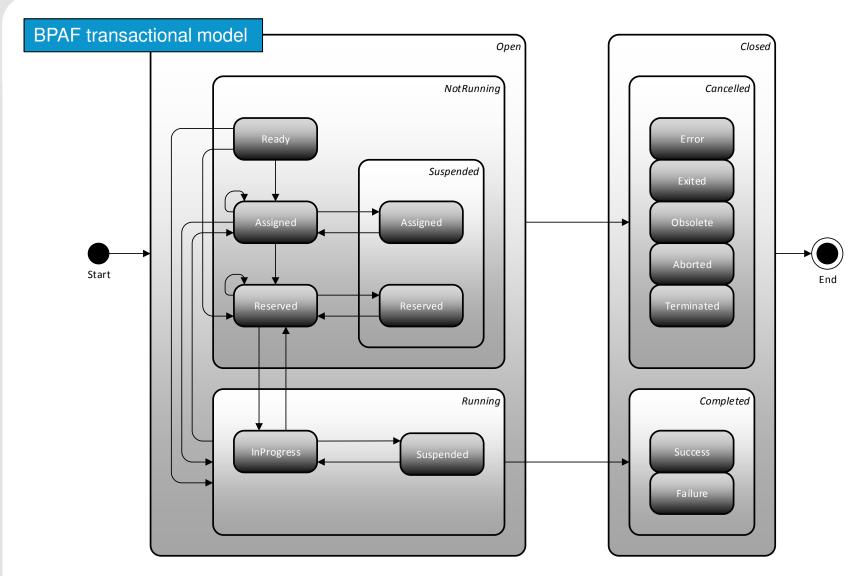








Lifecycle Extension







Planning

- September 2015
- October 2015
- November 2015
- December 2015
- ...
- December 2016

- 1st comment round
- 2nd comment round
- Approval round
- First draft Proposal
- •
- Accepted Proposal







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- 3. Working Group Operations 2
- 4. Draft Development 2
- 5. Sponsor Balloting
 - Expected December 2015
- 6. Final Approval & Publication
- 7. Maintaining the Standard







XES Tools

- AProMore
- Celonis
- Disco
- Lean Document Prod.
- ProM
- minit
- QPR
- RapidProM
- Rialto PI
- YAWL
- Any more?























XES Extensions

- Concept
- Lifecycle
- Organizational
- Time
- Semantic
- ID
- Cost
- Alignment
- Any more?





- Standard
- Moe Wynn
- Felix Mannhardt
- Any more?





XES Usage

Event Logs

- 3TU.Datacentrum
- BPI Challenge logs
- Any more?

Advanced Tools

- Dotted Chart
- Inductive Miner
- Data Aware Miner
- Data Aware Replayer
- Any more?





Extensible Event Stream

