



# Process Framework (EPF) Project <Beacon>

**Creation Review**

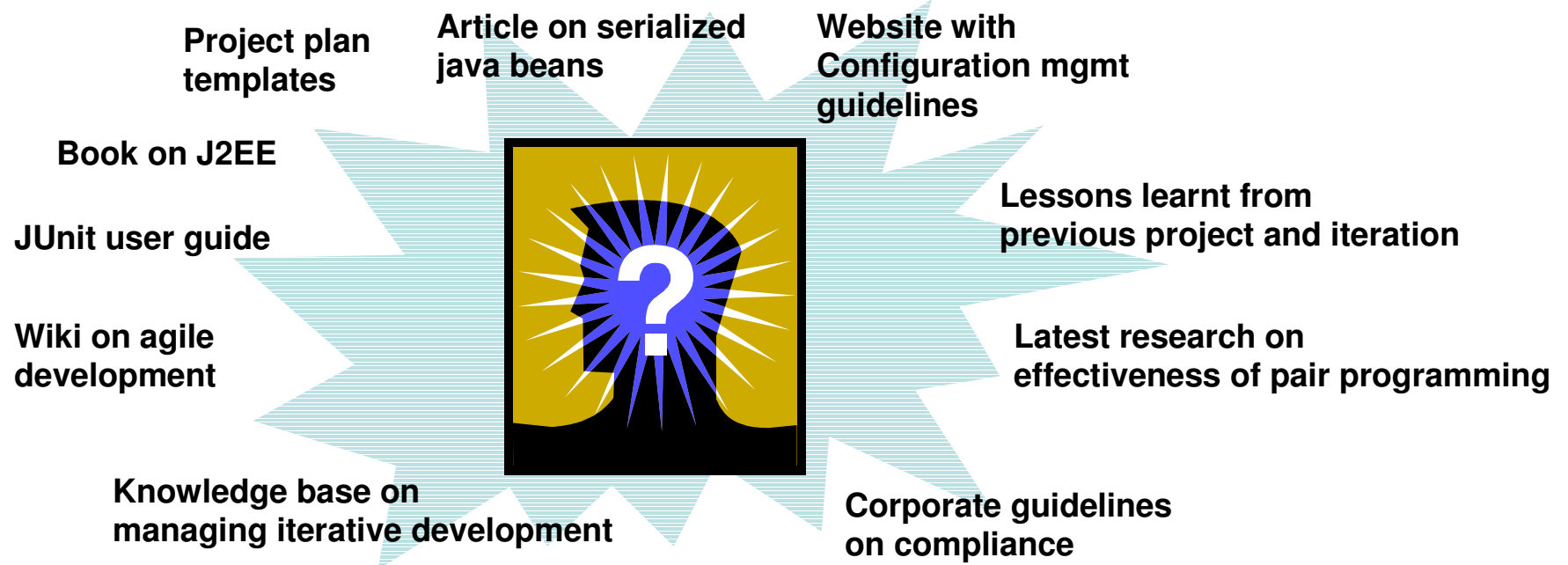
Dec 21, 2005

# Agenda



- Current Industry Scenario
- Project Goals
- Value to Industry
- Summary of Project Proposal
- Community Response
- Project Participants and Structure
- Project Timeline
- Next Steps

# What Development Teams Are Facing Today



- No **common language** or terminology between processes - redundancy and inconsistencies
- Knowledge cannot easily be **customized** for different projects or new best practices
- No **central community** or **communication framework** to facilitate convergence of best practices across domains

# A better approach



## Standardize representation and manage libraries of reusable method content



## Develop and manage processes for performing projects



**Cohesive Web site customized for my project needs**

**Project plan templates and optional process instrumentation, relevant for the context of my project**

# EPF Project Goals



- Provide an **extensible framework** and **exemplary tools and content** for software process engineering
  - Extensible Framework
    - Meta-model based on OMG SPEM
    - Core extensible process tooling framework
  - Exemplary and extensible tools
    - Method and Process authoring
    - Library management and content extensibility
    - Configuring and publishing
  - Exemplary and extensible process content
    - Range of software development and management processes supporting
      - iterative, agile, and incremental development
      - applicable to a broad set of development platforms and applications

# Value to the industry



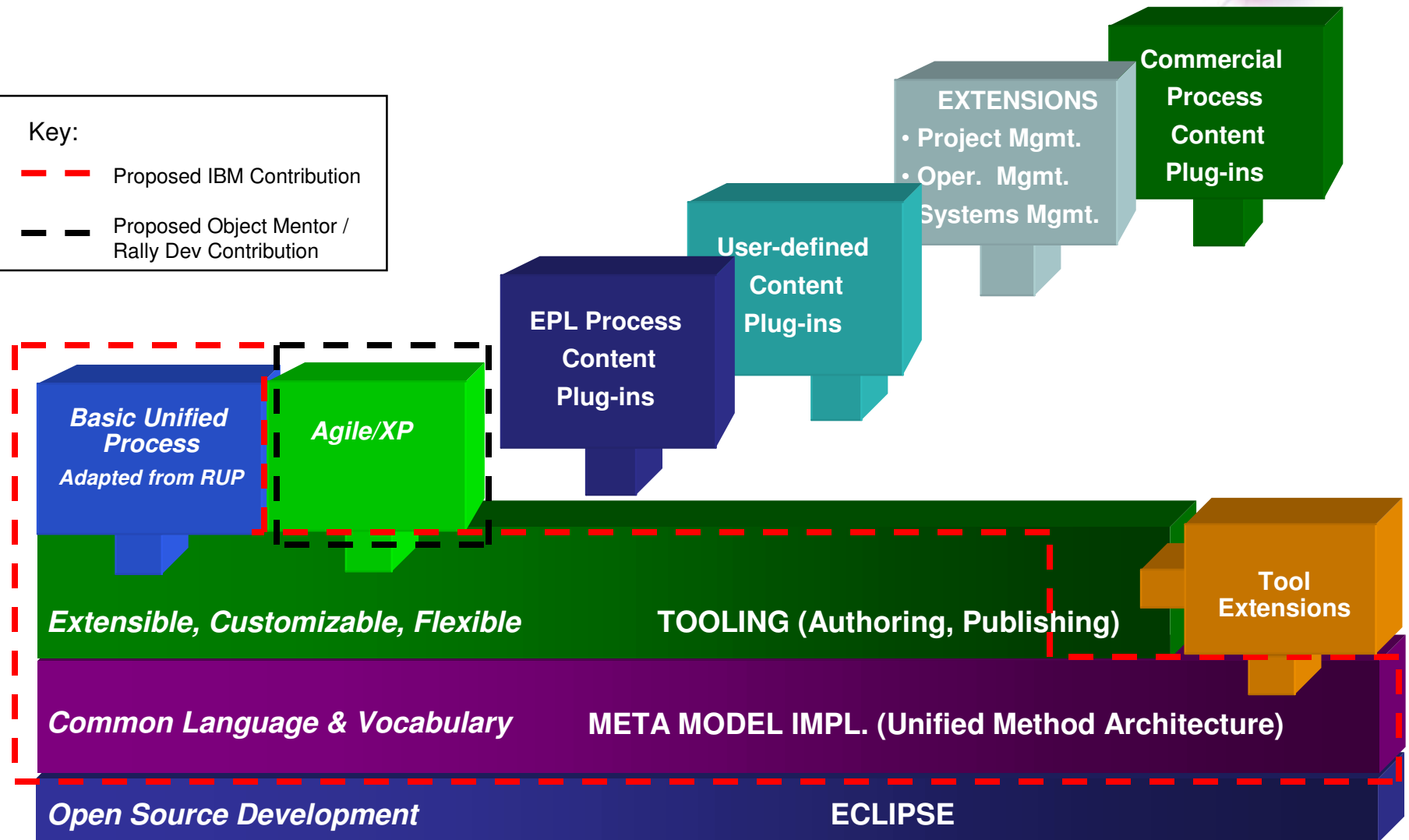
- Converge industry process investments through a common process framework
- Broadly endorsable and will bring diverse process champions together
- A foundation for the industry to engineer, communicate and reuse process assets
- Tools, metamodel and core content for seeding an ecosystem
  - More reuse, more industry reach, more process/tool integration

# Summary of EPF Project Proposal

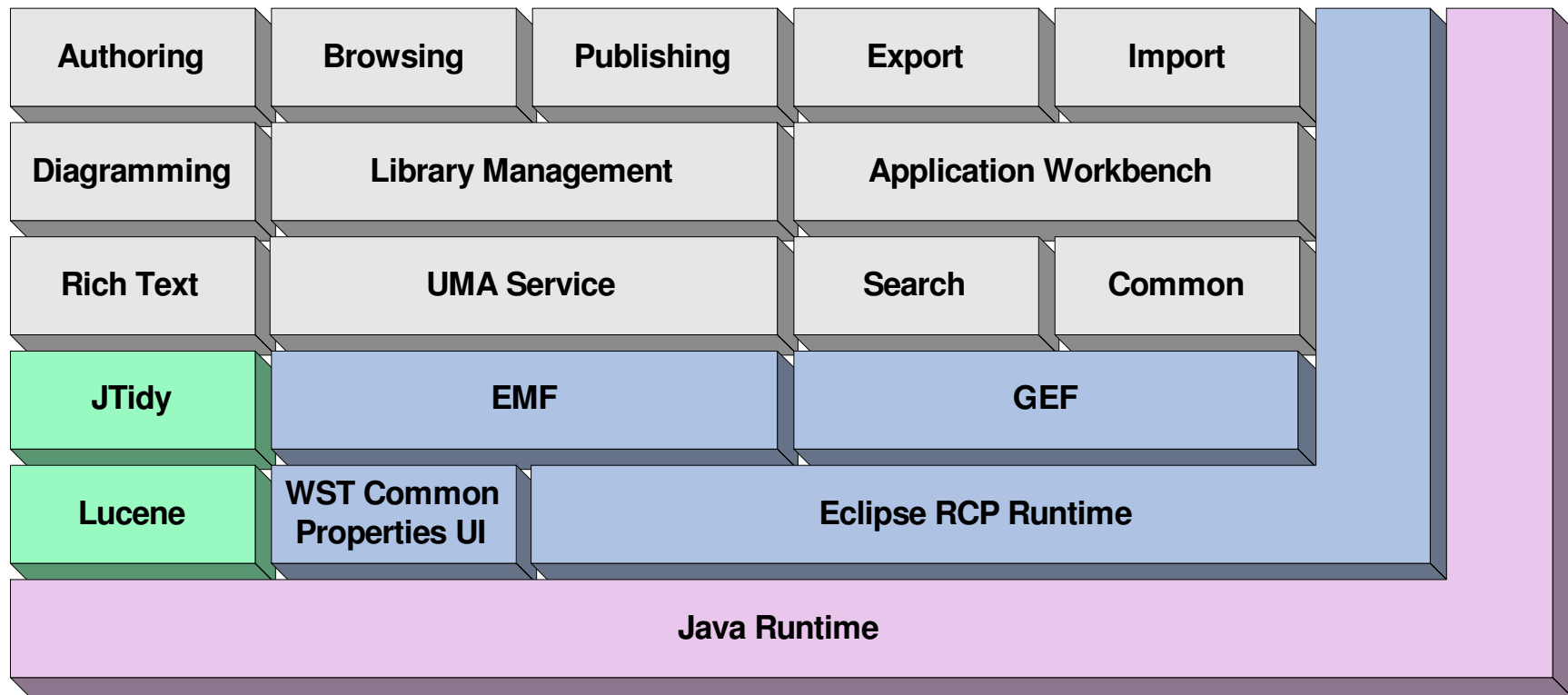


**Key:**

- - - Proposed IBM Contribution
- - - Proposed Object Mentor / Rally Dev Contribution



# High-Level Architecture



- EPF tool components
- Eclipse components
- Other open source components
- Sun/IBM JRE



# Community Response to Proposal



- Response to join the project after proposal submission
  - Overwhelming and continuing
  - ~ 10 companies/individuals
- Varied discussions on the Technology Project News forum
  - ~ 50 entries
- Good turnout for 3 open presentations on the project proposal
  - Basic Unified Process
  - Architecture of the tooling
  - Extensible Framework
- Wide press & analyst coverage on proposal submission
  - ~ 100 articles in the press
  - 20 analysts briefed with positive response - Gartner, IDC etc

# EPF Project Participants



- **IBM**
  - Project lead - Per Kroll
  - **Ricardo Balduino**
  - **Peter Haumer**
  - Bruce MacIsaac
  - **Charles Yan**
  - **Kelvin Low**
  - James Thario
  - Todd Frederickson
- **2-Pro Mentor**
  - Sigurd Hopen
- **Adaptive**
  - Nick Dowler
- **Ambyssoft**
  - Scott Ambler
- **Armstrong Process Group**
  - Chris Armstrong
- **BearingPoint**
  - Bobby Soni
- **Bedarra Research Labs**
  - Dave Thomas
- **Capgemini**
  - Rene Maes
  - Julian Holmes
- **Catalysts**
  - Christoph Steindl
- **Covansys**
  - Kirti Vaidya
- **Ivar Jacobson International**
  - Ian Spence
  - Pan-Wei Ng
- **Kruchten Engineering Services Ltd (KESL)**
  - Nicolas Kruchten
  - Michael Trauttmansdorff
- **Number Six Software**
  - Brian Lyons
- **Object Mentor**
  - Robert C. Martin
- **Rally Software Development**
  - Ryan Martens
- **SOFTEAM**
  - Philippe Desfray
- **University of British Columbia**
  - Philippe Kruchten

The IBMers in bold will be initial committers, and a list of additional committers, derived from this and next slide, will be provided after initial face-to-face meeting Jan 10-12, 2006.

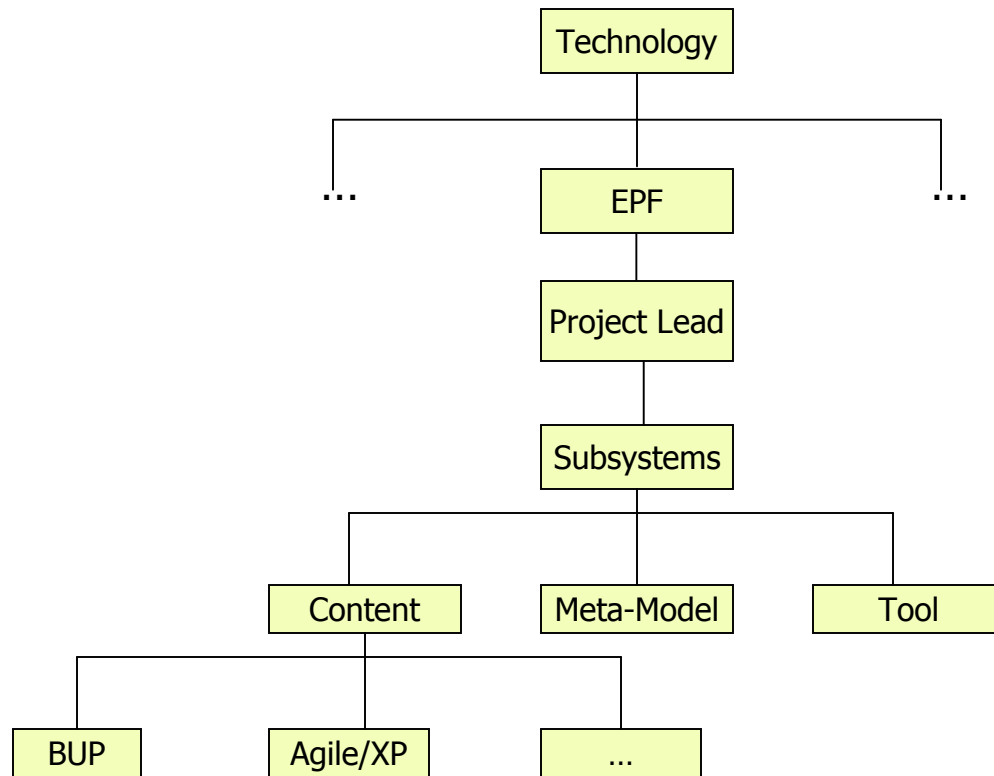
# EPF Project Participants (cont.)



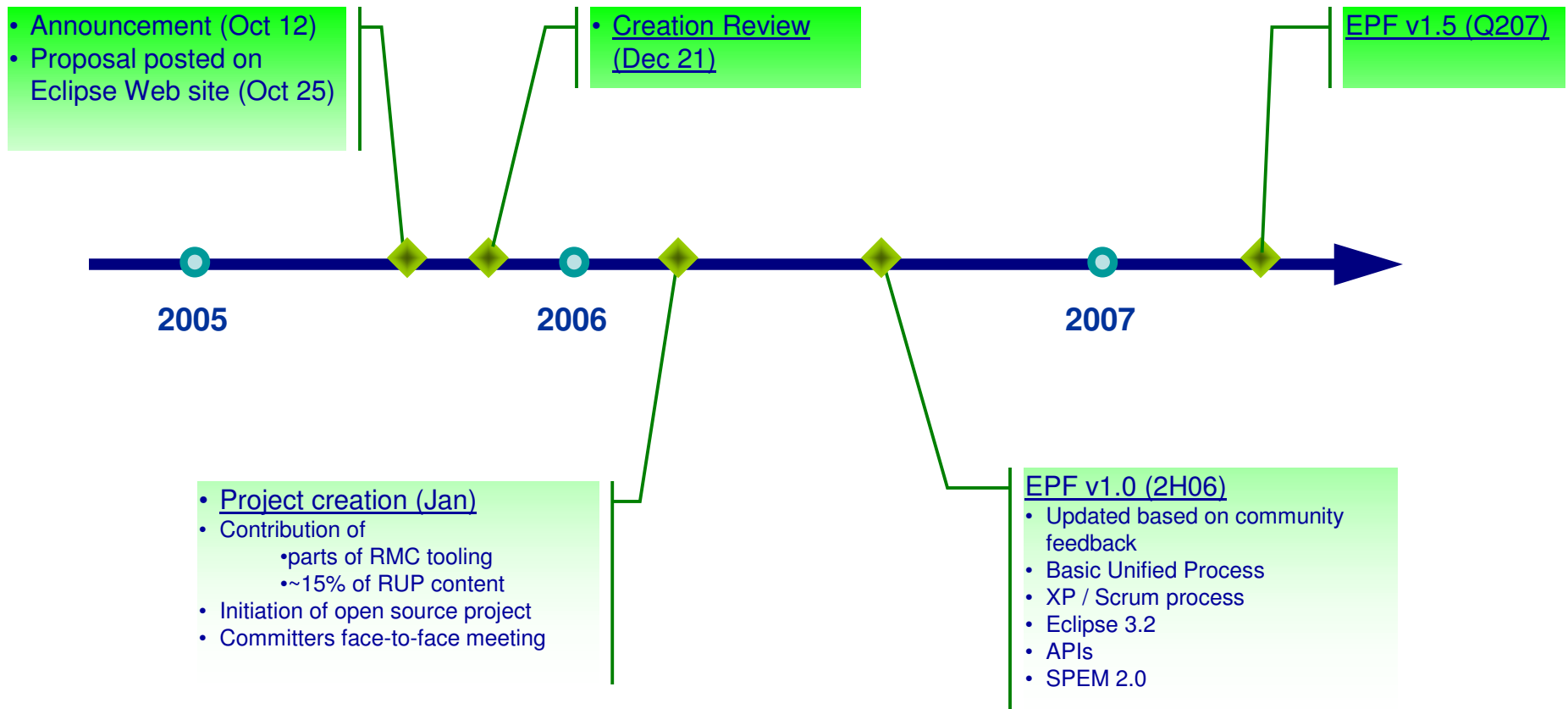
- **Other interested parties**

- aubryConseil
  - Claude Aubry
- European Software Institute
  - Asier Azaceta
- Jaczone
  - Agneta Jacobson
- NTT Comware
  - Shinichi Doyama
- Object Management Group (OMG)
  - Andrew Watson
- Osellus
  - Kamal Ahluwalia
- Sogeti
  - Jean-Marc Gaultier
- Unisys
  - Bobbi Young
- Wind River
- Andrew Midkiff
- Kanishka Badhwar
- Ashish Pathak
- Terry Dietz

# EPF Project Structure



# EPF Project Timeline



# Next Steps



- First Committers meeting
  - January 10 – 12 , 2006 in Atlanta
  - 16 people attending from 10 companies
- Meeting Agenda
  - Work out contribution details
  - Agree on scope for v1.0 and refine plan
  - Organization and leads for sub teams