Eclipse -

13. Feb 2008

Ralph Mueller
Director, Ecosystems Europe
Eclipse Foundation

Agenda

- A Brief History

- What is Eclipse

- Boeing and Eclipse

History of the Eclipse Project

- Initiation in 2001
  - Initial release of the Eclipse technology platform (Platform, JDT, PDT)
  - Founding consortium board comprised Borland, IBM, MERANT, QNX Software Systems, Rational Software, Red Hat, SuSE, TogetherSoft and Webgain
  - Eclipse Public License (EPL)

- Eclipse Foundation 2004
  - Independent not-for-profit organization formed in 2004
  - Definition of bylaws, membership model, initial IP process
  - Foundation management staff hiring starts

- Eclipse Foundation today -->

Eclipse 2008

- 170+ member companies

- 800+ committers, representing 50+ organizations, working on 70+ projects
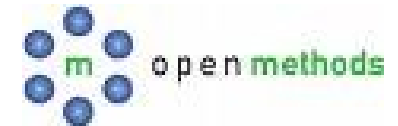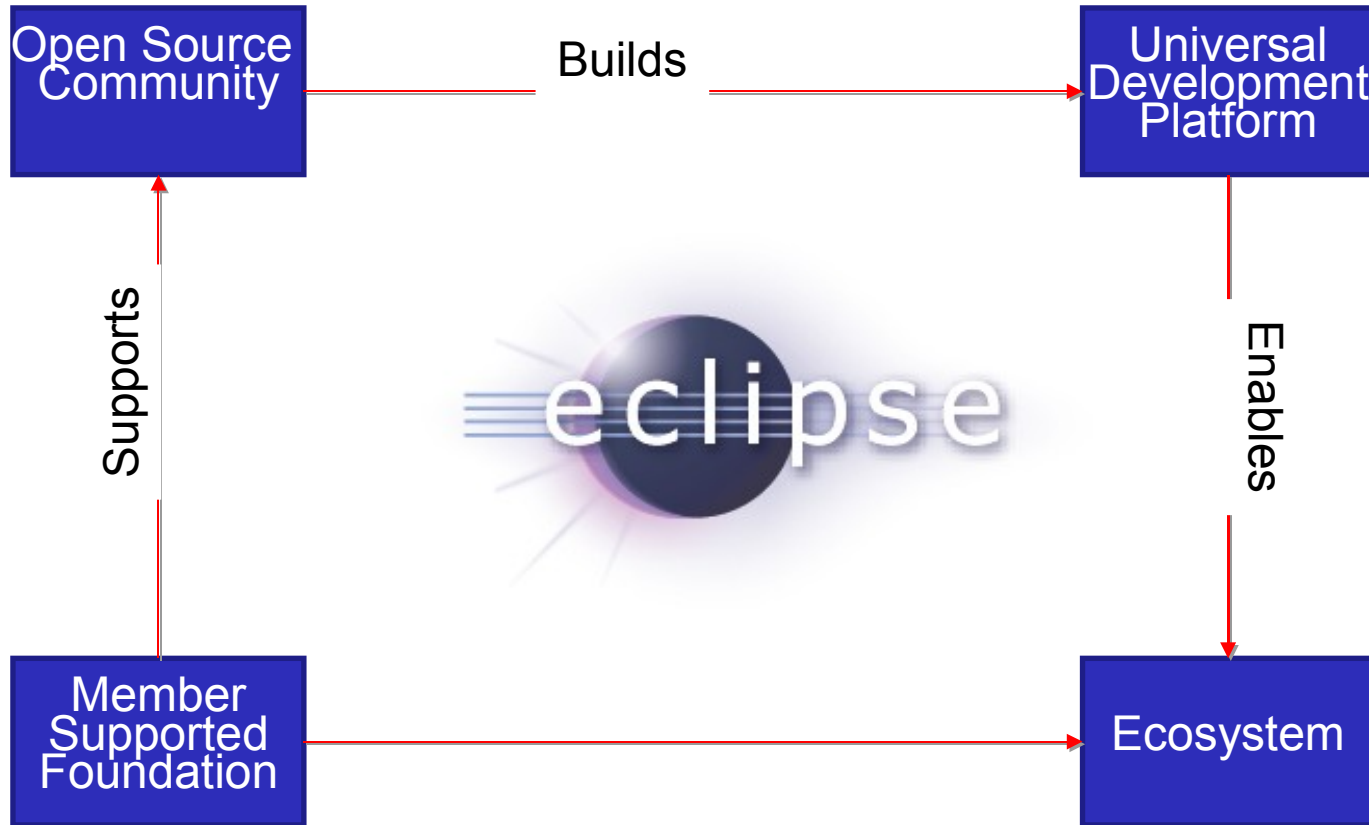
- 15+ management team

What is Eclipse?

```
Open Source          Builds          Universal
Community      ───────────────►      Development
                                     Platform
   ▲                                     │
   │                                     │
Supports                             Enables
   │                                     │
   │                                     ▼
Member                               Ecosystem
Supported      ───────────────►
Foundation
```

Technology Portfolio: Pillars of Eclipse

The Pillars of Eclipse diagram showing company logos supporting seven pillars: Enterprise Development, Embedded & Device Development, SOA, Application Lifecycle Management, Rich Internet Application, Rich Client Platform (RCP), and Application Frameworks, all resting on the Eclipse Platform.
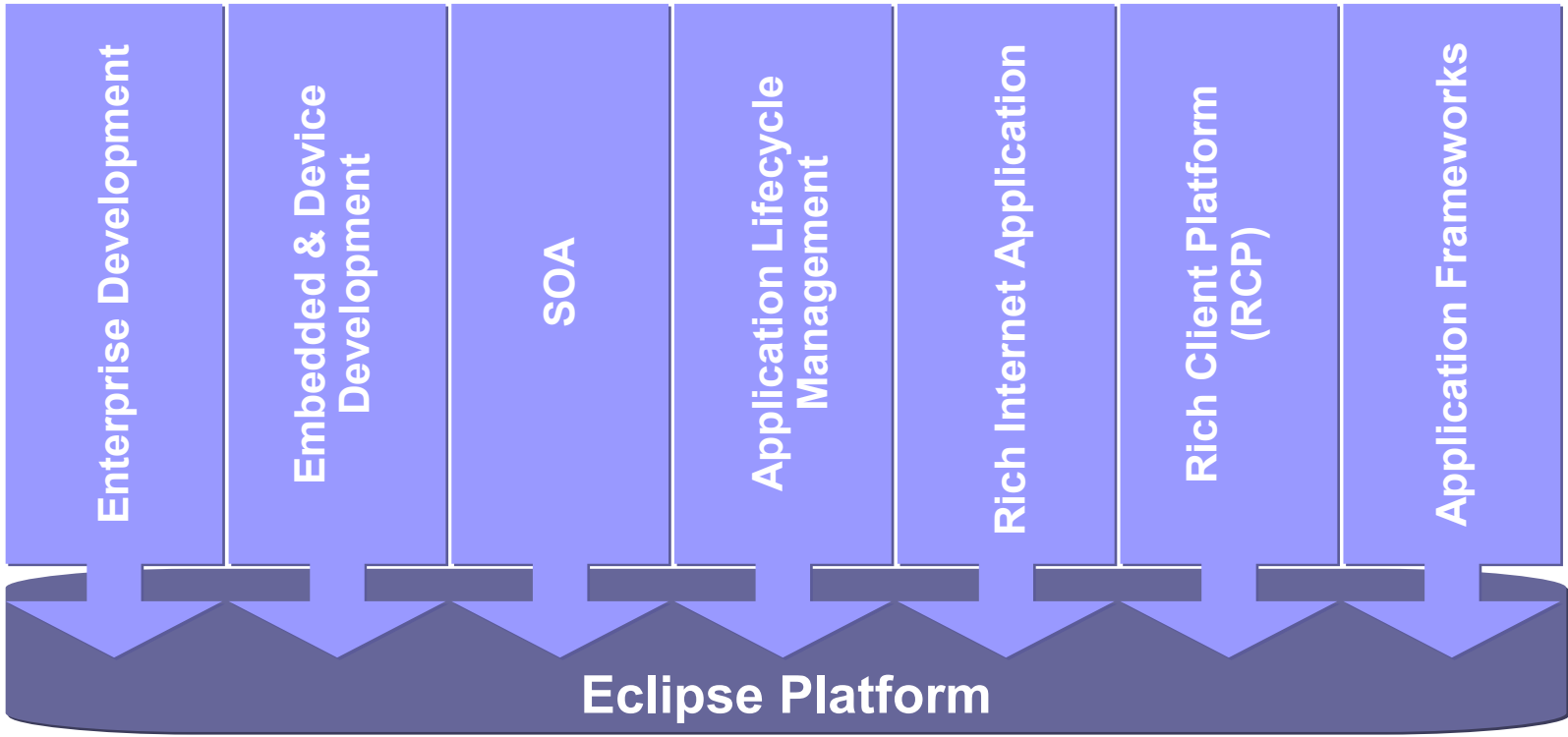
Boeing and Eclipse

- Initial contacts between Boeing and Eclipse Foundation in March 2007

- Project proposal OSEE in 1H/2007

- Strong interest from various parties (Airbus, GM, Bosch, etc.)

- OSEE has a high potential to serve as a data and tools integration platform in and beyond the aerospace industry ==> systems engineering platform

- Inhibitors for buy-in

  - Code and sample app / demonstrator not yet available

  - Lack of external evangelism, communications

  - Visibility of executive sponsor

  - Functionality/Extensibility not well understood yet

Advantages for Boeing and the industry

- Sharing of development and maintenance costs

- Standard for integration of 3rd party tools

- Creation of eco system larger than aerospace industry

- Free distribution to stakeholders (supply chain and customers, research and education)

- IP clearing process

- Industrial strength forge

- Brand recognition

Open Source Development Platform

- Open Source development model encourages collaboration and open innovation
  - Openness, Transparency, Meritocracy
  - Everybody can participate

- Open Source licensing allows competing vendors to collaborate on the infrastructure technology
  - No requirement for royalties.
  - No single control point of intellectual property

- Open Source business model encourages rapid adoption of technology
  - It is free and easy to access
  - Everybody can consume

Thank you -

Ralph Mueller
Director, Eclipse Eco Systems Europe
ralph.mueller@eclipse.org