

eclipse
Time

June, 23 - Conference day
June, 24 - Workshops
Toulouse

THALES



Open Source Software at Thales and OPEES

Eclipse Time, June 23-24th, 2009
Thales Corporate Services - EPM

intranet.corp.thales/epm

- **Thales viewpoint as an OSS integrator**
- **Thales viewpoint as an OSS provider**
- **OSS contribution in OPEES**

- **Motivation:**
 - ▶ [M1] Development cost reduction
 - ▶ [M2] Customer requirements
- **Decision Gates:**
 - ▶ **Evaluation phase:** An OSS product meets technical, industrial requirements
 - ▶ Product maturity (e.g., provided functions, reliability, stability, performance) and support
 - ▶ Costs (e.g., development, integration, administration)
 - ▶ IP concerns
 - ▶ **Qualification phase:** integration in the target architecture
 - ▶ Definition of an OSS governance at Thales

- **Motivation:**
 - ▶ [M1] As a system integrator and not a tool provider, providing products not or badly covered by the market
 - ▶ [M2] Make investments durable, reduce investments, positive ROI
- **Decision gates:**
 - ▶ Gate 1/[M1]: Make / Team / Buy decision
 - ▶ Gate 2/[M2]: Proprietary or open source solution decision
 - ▶ Market maturity: COTS vs. Open Source products, position of the product in the market, expertise and support, size, durability, user expectations, creation of synergy with other actors...
 - ▶ Product maturity
 - ▶ Evaluation cost (development, animation...)/profit

OSS Contribution in OPEES with EGF

- **Contribution:**

- ▶ EGF (Eclipse Generation Framework), a new EMFT component in incubation
- ▶ Objective: Providing a model-based generation framework in order to support complex, large-scale and customizable generations

OSS Contribution in OPEES with EGF



- **Regarding the decision to provide EGF:**
 - ▶ 1) EGF is not in the core business of Thales
 - ▶ 2) and, there is no model-based OSS supporting complex and heterogeneous generation yet
 - ▶ ⇒ Decision to provide EGF as open source component
- **Regarding the durability and the ROI:**
 - ▶ Open Source, a vector for improving the tool maturity, its interest and for influencing the community
 - ▶ Expected collaborations, contributions, but also requests and challenges
 - ▶ ROI:
 - ▶ Initial cost ⇒ interest to be supported by OPEES
 - ▶ ROI expected at mid-term