

Softteam @ ICT Proposers' Day | 9-10 October 2014

Complex Systems and Service Engineering for Cloud and Big Data

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SOFTEAM
— *Think Object*



SOFTEAM = 900 experts, 23 years of R&D



UML Tools

Software Architecture Modeling,
Open Source Modelio.org



Research

15+ EU Project including
H2020 ICT 1 INTO-CPS, FP7 MONDO,
OSSMETER, ModaClouds, Juniper and FITTEST



Management

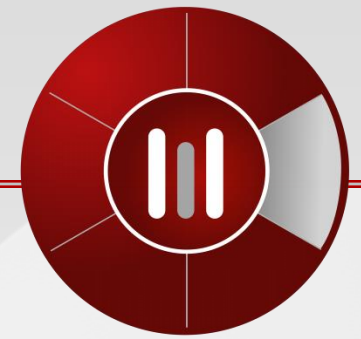
Consortium Coordination



Standardization

SOA, Cloud, Enterprise Architecture, Testing,
System Engineering

Modelio for Software and System Engineering



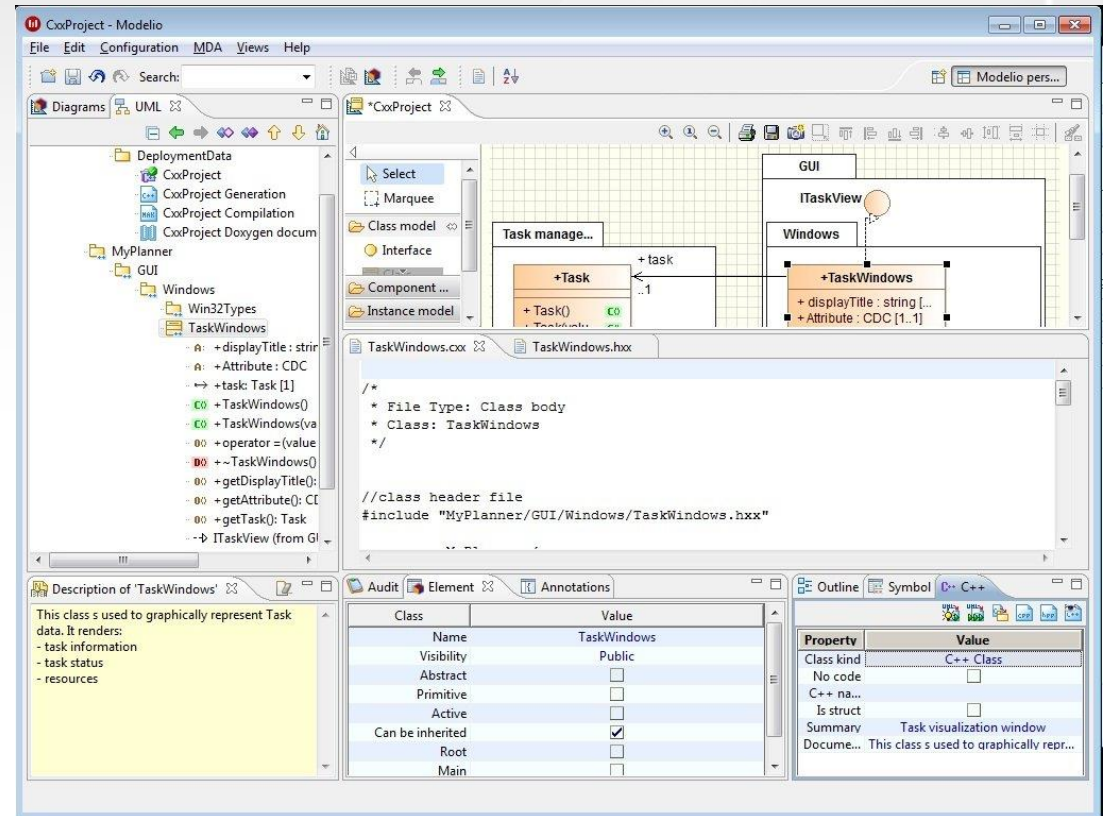
- Modelio UML editor with more than 20 years' history

- SysML
- MARTE
- Code generation
- Documentation
- Teamwork
- World Wide Modeling, Distribute and share models on the web

- Available under:

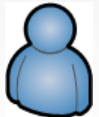
Modelio.org

Modeliosoft.com



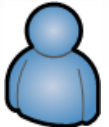
Challenges we address?

Systems



Business Architect

How to address System of systems design in Product Lifecycle?



System Architect

How to map requirements, system models to software and hardware?



Developer

How to enhance productivity by generating embedded code? fUML?

Industrial MDE process

- Team work organization
- Collaboration in distributed teams

Cloud

How to help BAs to integrate cloud into enterprise systems?

How to migrate legacy to cloud?

How to design for multi-clouds?

How to automate deployment to multiple clouds?

MDE environment delivery

- SaaS mode
- Collaboration over cloud

Big Data

How to leverage Big Data in business architectures?

How to link business semantics with business objects?

How to port business objects to various Big Data models?

Model as a Big Data

- Storage, replication,
- Access , search

