

Goals :

- To know the foundations of the MDA approach
- To be able to implement an MDA approach

Our advantages :

- Training created by MDA specialists experienced in the designing of MDA tooling.
- Experience feedback

Duration : 1 day

Public : Architects, project managers

Pre-requisite : Knowledge about the management of "regular" projects

1 - Presentation of the MDA approach

- MDA and meta models
- Software Development Process (Y, V or iterative model)
- Model transformations and code generation
- Modeling tools and techniques (UML, UML2, DSM)
- Introduction to open source tools revolving around the MDA : Eclipse, EMF, ATL, Acceleo, ...

Duration : 2 h

2 - Examples of MDA implementations

- Choice of industrialization strategies
- Organization, methodology and project planning
- Repercussions on the daily work of the developers and architects
- Human resources distribution
- Code quality and traceability
- project monitoring and deliverable management
- Taking over existing code
- Costing of an MDA project
- Outsourcing strategies

Exercises :

- Discovery of MDA tools
- Implementing an MDA strategy

Duration : 5 h