ADOxx

3- Day Training

(Virtual)

https://www.gotomeet.me/OMILAB/adoxxtaining

Date/Time

Wednesday, March 25 2020: 9:00 – 17:00
Thursday, March 26, 2020: 9:00 – 17:00
Friday, March 27 2020: 9:00 – 13:00

Venue

Online: https://www.gotomeet.me/OMILAB/adoxxtaining

Registration & Website

ADOxx: www.adoxx.org

Day 1

09:00 – 09:30	**Individual ADOxx® Access Support for Participants**
Local Installation support of ADOxx® on the participants computer *(participation is optional for users that have ADOxx® installed on their device).*	
Starting from Scratch	
09:30 – 12:00	**How to implement a Modelling Method via "Hello World"**

• *Hands-On Explanation on how to develop a Modelling Tool*
  ○ *Model Types, Model Classes, Relations*
  ○ *Modelling, Analysis, (Simulation), Transformation*
• *Hands-On Explanation on how to extend a Modelling Tool with external Features*
  ○ *ADOxx and Batch File (external Application) Interaction*
  ○ *ADOxx and Web-Service Interaction*	

12:00 – 13:00	Lunch Break
Starting from a Specified Meta Model	
13:00 – 14:00	**How to transform requirements into a modelling language using "Entity Relationship" as a use case**
• *Explanation to derive a conceptual and a platform dependent meta model* • *Explanation of different transformation alternatives* • *Hand-On Session on implementing the meta model*	
14:00 – 14:30	Break
Starting from a Modelling Method Idea	
14:30 – 16:30	**How to conceptualize a modelling method:** **The "City Bike" Use Case**
• *Explanation of Modelling Method Development Engineering Phases* • *How to approach a Modelling Method* • *How to define a Meta Model (Modeltypes, Classes, Relations, Attributes)*	
16:30 – 17:00	**Individual Practice: Modelling Language Implementation Features**
• *Modelling Language Development: Cookbook* • *Individual Practice Time on most relevant Modelling Language Features.*	

Day 2

09:00 – 09:30	**Feedback Session for Questions and Answers from Day 1**
Revisiting the Homework and Questions and Answers of the first day.	
Continuing with a Modelling Method Idea	
09:30 – 12:00	**How to use a Modelling Method: The "City Bike" Use Case**
• *Explanation of Modelling Method Development Engineering Phases* • *How to define model interactions (manual or data import)* • *How to specify functional requirements for algorithms:* • *AdoScript and external service integration*	
12:00 – 13:00	Lunch Break
Starting from Specified Mechanisms & Algorithms	
13:00 – 14:00	**How to transform Requirements into Mechanisms & Algorithms using AdoScript**
• *Installing Visual Studio as AdoScript development environment* • *Walk through AdoScript code of "City Bike" use case*	
14:00 – 14:30	Break
14:30 – 16:30	**How to transform requirements into mechanisms & algorithms using external services**
• *Explanation of different technological concepts for service integration* • *Hands-On Session to integrate a Wiki* • *Hands-On Session to integrate a Process Simulation*	
16:30 – 17:00	**Individual Practice: Mechanisms and Algorithms Implementation Features**
• *Mechanisms and Algorithm Development: Cookbook* • *Individual Practice Time on most relevant mechanisms & algorithm implementation features.*	

Day 3

09:00 – 09:30	**Feedback Session for Questions and Answers from Day 2**
Revisiting the Homework and Questions and Answers of the second day.	
Starting from implemented Modelling Method	
09:30 – 11:00	**How to build a Modelling Method: The use case "City Bike"**
• *Creating Support Files (Images, Sample document)* • *Collecting Library Files (modelling language, mechanisms and algorithms)* • *Building a Modelling Tool for the Modelling Method*	
11:00 – 11:30	Break
Continuing with a Modelling Method: Community Support	
11:30 – 12:30	**How to stay in touch with ADOxx.org Community**
• *Development Tools* • *Development Community* • *Community Events*	
12:30 – 13:00	**Feedback Session for Questions and Answers from Training**
Revisiting the Homework and Questions and Answers of the training	