



# ADOxx

## 3- Day Training

Venue: ONLINE

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

Registration & Website

ADOxx: [www.adoxx.org](http://www.adoxx.org)

## Day 1

<b>09:00 – 09:30</b>	<b>Individual ADOxx® Access Support for Participants</b>
<i>Local Installation support of ADOxx® on the participants computer (participation is optional for users that have ADOxx® installed on their device).</i>	
<b>Starting from Scratch</b>	
<b>09:30 – 12:00</b>	<b>How to implement a Modelling Method via “Hello World”</b>
<ul style="list-style-type: none"> <li>• <i>Hands-On Explanation on how to develop a Modelling Tool</i> <ul style="list-style-type: none"> <li>○ <i>Model Types, Model Classes, Relations</i></li> <li>○ <i>Modelling, Analysis, (Simulation), Transformation</i></li> </ul> </li> <li>• <i>Hands-On Explanation on how to extend a Modelling Tool with external Features</i> <ul style="list-style-type: none"> <li>○ <i>ADOxx and Bat File (external Application) Interaction</i></li> <li>○ <i>ADOxx and Web-Service Interaction</i></li> </ul> </li> </ul>	
<b>12:00 – 13:00</b>	<b>Lunch Break</b>
<b>Starting from a Specified Meta Model</b>	
<b>13:00 – 14:00</b>	<b>How to transform Requirements into a Modelling Language using “Entity Relationship” as a use case</b>
<ul style="list-style-type: none"> <li>• <i>Explanation to derive a conceptual and a platform dependent meta model</i></li> <li>• <i>Explanation of different transformation alternatives</i></li> <li>• <i>Hand-On Session on implementing the meta model</i></li> </ul>	
<b>14:00 – 14:30</b>	<b>Break</b>
<b>Starting from a Modelling Method Idea</b>	
<b>14:30 – 16:30</b>	<b>How to elicit Requirement for a Modelling Method from an idea The use case “Smart Automation”</b>
<ul style="list-style-type: none"> <li>• <i>Explanation of Modelling Method Development Engineering Phases</i></li> <li>• <i>How to approach a Modelling Method</i></li> <li>• <i>How to define a Meta Model (Model Type, Attribute, ....)</i></li> </ul>	
<b>16:30 – 17:00</b>	<b>Individual Practice Time on most relevant Modelling Language Features</b>
<ul style="list-style-type: none"> <li>• <i>Modelling Language Development: Cookbook</i></li> <li>• <i>Individual Practice Time on most relevant Modelling Language Features.</i></li> </ul>	

## Day 2

<b>Continuing with a Modelling Method Idea</b>	
<b>09:30 – 12:00</b>	<b>How to use a Modelling Method: The use case “Smart Automation”</b> <ul style="list-style-type: none"><li>• <i>Explanation of Modelling Method Development Engineering Phases</i></li><li>• <i>How to define model interactions (manual or data import)</i></li><li>• <i>How to specify functional requirements for Algorithms:</i></li><li>• <i>AdoScript vs. external Service Integration</i></li></ul>
<b>12:00 – 13:00</b>	<b>Lunch Break</b>
<b>Starting from Specified Mechanisms &amp; Algorithms</b>	
<b>13:00 – 14:00</b>	<b>How to transform Requirements into Mechanisms &amp; Algorithms using AdoScript</b> <ul style="list-style-type: none"><li>• <i>Installing Visual Studio and AdoScript Development Environment</i></li><li>• <i>Walk through AdoScript Code of “City Bike” use case</i></li></ul>
<b>14:00 – 14:30</b>	<b>Break</b>
<b>14:30 – 16:30</b>	<b>How to transform Requirements into Mechanisms &amp; Algorithms using external Services</b> <ul style="list-style-type: none"><li>• <i>Explanation of different technological concepts for service integration</i></li><li>• <i>Hands-On Session to integrate a Wiki</i></li><li>• <i>Hands-On Session to integrate a Process Simulation</i></li></ul>
<b>16:30 – 17:00</b>	<b>Individual Practice Time on most relevant Modelling Language Features</b> <ul style="list-style-type: none"><li>• <i>Mechanisms and Algorithm Development: Cockbook</i></li><li>• <i>Individual Practice Time on most relevant Modelling Language Features.</i></li></ul>

## Day 3

<b>Starting from implemented Modelling Method</b>	
<b>09:30 – 11:00</b>	<b>How to build a Modelling Method: The use case “Smart Automation”</b> <ul style="list-style-type: none"><li>• <i>Creating Support Files (Images, Sample document)</i></li><li>• <i>Collecting Library Files (modelling language, mechanisms and algorithms)</i></li><li>• <i>Building a Modelling Tool for the Modelling Method</i></li></ul>
<b>11:00 – 11:30</b>	<b>Break</b>
<b>Continuing with a Modelling Method</b>	
<b>10:30 – 13:00</b>	<b>How to stay in touch with ADOxx.org Community</b> <ul style="list-style-type: none"><li>• <i>Development Tools</i></li><li>• <i>Development Community</i></li><li>• <i>Community Events</i></li></ul>