

UML in Examples

Course code: GOC4621

The UML in Examples training is a two-day intensive workshop focused on the practical use of the UML language using the best modeling tool in the world, i.e. using pencil and paper. During the training, participants will first work on a specific assignment on their own or in a group and then, based on a joint discussion under the guidance of an experienced lecturer, they will show how to solve a given example with regard to clarity, accuracy and correctness. One assignment can always be worked out in many ways. The added value of the training lies in acquiring analytical thinking in UML and understanding why some procedures give a result, but others lead to an unambiguous result. It is necessary to emphasize that this is not a pre-planned explanation of UML (that's what GOC26 is for), but its proper practice. We will of course supplement the necessary missing knowledge, but we will primarily learn based on experience with working out examples.

Most examples will be developed using multiple types of diagrams, as the basis of modeling is to view reality from different perspectives and connect these perspectives to each other.

Who is the course for

- **Business analysts**
 - who need to accurately and clearly model analysis results or requirements without the risk of misinterpretation.
- **IT analysts**
 - looking for a way to effectively transfer business logic into the technical design of the system.
- **Solution architects**
 - for whom UML is a key tool for communicating the structure and behavior of complex solutions.

What will we teach you

- Actively practice different types of UML diagrams under the guidance of an experienced instructor.
- Learn to view business and technical issues from different perspectives (viewpoints) and keep these views consistent.
- Gain confidence in choosing the appropriate type of diagram for a specific analytical situation.
- Adopt the principles of understandable modeling that all team members will understand

Required entry knowledge

- Knowledge of UML at the level of the GOC26 training or the book
- UML for analysts
- Willingness to actively participate in developing examples.
- Willingness to listen and discuss.

Course Outline

Examples will focus primarily, but not exclusively, on the following diagrams:

- Use Cases
- Class Diagrams
- Object Diagrams
- State Diagrams
- Activity Diagrams
- Component Diagrams
- Sequence Diagrams

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