



The simple way to build
complex software
systems

ASD Code Generation Course

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The ASD Code Generation course is 1-day course that enables you to create error-free software from ASD design models. The course is intended for software architects and designers that have build design models and want to have the maximum benefit from those models by generating code.

The course will ensure that you can generate code in your language of choice.
The course includes the following topics:

- **Concurrent and synchronous designs**
- **Self-constructing components**
- **'lazy' thread switching for runtime efficiency**
- **Infrastructure for asynchronous notifications**
- **DPC server threads automatically generated only when needed**
- **Timers and time-cancel guarantee**
- **Languages specific issues for C++, C#, Java.**
- **Runtime platforms (VxWorks, R/T Linux, Windows NT/XP/Vista, .Net)**
- **Debugging and trace statements**
- **Generation of singleton or non-singleton components**

Hands-on examples and exercises show the generation of code from realistic ASD Models, and let you experience with the different options.

Prerequisites

Knowledge and experience as software architect and/or designer in complex technical or embedded software engineering. Knowledge of the "ASD Model Builder" course.

Course length

3 days

Price

€ 1.800,-

See www.verum.com for further information or contact us at info@verum.com