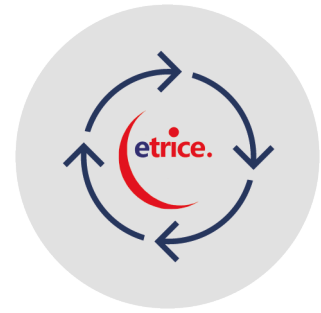


# Rapid Prototyping for Embedded Systems using eTrice - Open Source



## Training Description

Time to market is in many cases the most important requirement in the development of embedded systems. The goal of rapid prototyping is to get feedback on requirements, specifications and solutions in early stages of the project.

The participants learn the method of rapid prototyping and can realize it using open source tools. The focus of the seminar is on the methodical, tool-based approach with the aim of obtaining executable and secure specifications.

During the seminar, a sample project is systematically developed from the requirements through the application modeling stage and code generation up to tests. Tests are conducted both in a simulation environment and on the target platform. Here the knowledge about methods and tools is consolidated.

## Target Group

System architects, software architects, software developers.

## Prerequisites

Advanced software development skills and modeling experience (such as UML) are beneficial.

## Training Content

- Method: Rapid Prototyping for Embedded Systems
- Tools: eTrice and other Open Source Tools
- Seminar project: Joint development of a prototype for simulation and target

## Method and Training Materials

Presentation and hands-on exercises.

The training materials will be provided to each participant.

## Duration

3 days

## Training Fee

1.790 Euro plus VAT tax per person.

The fee includes training certificate, training materials, snacks, beverages and lunch.

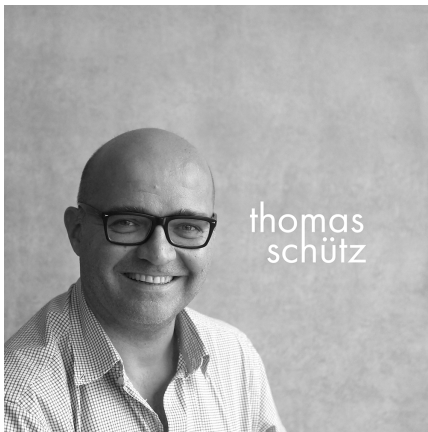
## Number of Participants

6 to 12 participants

## Location

Technologiezentrum TechBase, Franz-Mayer-Straße 1, D-93053 Regensburg

## Trainer



### Thomas Schütz

holds a degree in aerospace engineering of the University of Munich and is CEO and consultant of Protos Software, which he founded in 1997. He served as project lead or architect in many projects with the focus on model-based development for Embedded Systems. He also is project lead of the Eclipse Project eTrice.

[Last update: April 2018]