MQTT

Messaging Protocol for IoT and more

MQTT is a "rediscovered" communication/messaging protocol. Although the protocol was developed in its original form back in 1999, it has been experiencing a real boom in recent years, particularly due to current developments in the IoT sector. It enables millions of clients (devices or applications) to communicate with each other efficiently and is designed to work particularly well in environments where a reliable network infrastructure or reliable devices cannot be expected. Billions of messages can be exchanged efficiently via a central element, the so-called broker. The protocol can therefore be described without exaggeration as one of the most important protocols for the IoT, but is not limited to IoT applications. This course covers the protocol itself, its special features and existing products in detail.

Course Contents

- The protocol (message types, roles, topics, wildcards etc.)
- Special features: Retained messages, last will and testament etc.
- Quality of Service in MQTT
- MQTT5
- MQTT-SN
- Use MQTT in your own applications
- Possible applications
- Securing MQTT
- MQTT products (commercial and open source)

E-Book The detailed digital documentation package, consisting of an e-book and PDF, is included in the price of the course.

Target Group

This course is aimed at anyone interested in the MQTT messaging protocol.

Prerequisites

Basic knowledge of a scripting/programming language (Javascript, Python, etc.) is helpful, but not essential. Solid basic knowledge of network technology (OSI layer model, etc.) should be available.

This Course in the Web

You can find the up-to-date information and options for ordering under the following link: www.experteach-training.com/go/**MQTT**

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training		Prices, excl. of V.A.T.
Classes in Germany	**2 Days**	**€ 1,795**
Online Training	**2 Days**	**€ 1,795**

Date/course venue		Course language German	
26/06-27/06/25	Frankfurt	04/12-05/12/25	Frankfurt
26/06-27/06/25	Online	04/12-05/12/25	Online

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