

Training UEFI Firmware Entwicklung Agenda



9:00 Uhr

- Einführung in UEFI
- UEFI und Legacy BIOS
- UEFI Spezifications

Pause

- UEFI Phases
- UEFI Shell
- Shell Script

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- GUID Prtition Table
- Services, Protocols and Handles

Pause

- UEFI Variables and Data Storage
- UEFI GUID Interface
- Device Path Protocol
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9:00 Uhr

- Firmware Address Space
- Memory Management (SMRAM and Memory Map)

Pause

- EDK-2 Entwicklungsumgebung
- Entwicklung mit Visual Studio

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- OVMF mit QEMU und TianoCore
- UEFI Debugging

Pause

- UEFI Application Project
- DSC and INF Files

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9:00 Uhr

- DXE Driver Model
- Resource Management
- PCI Driver Project

Pause

- Post-DXE Management
- Runtime Driver Project

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- SMRAM
- SMM Management
- SMM Driver

Pause

- UEFI Secure Boot and Key Management
- UEFI Driver Signing