ARMv7-A Architecture Overview 32-bit

Summary:

This live WebEx delivered course provides a technical introduction to the ARMv7-A architecture and takes a look at how the architecture has developed over time, and an overview of the core features. As well as hearing first hand from the engineer, you will also have the opportunity to ask questions to gain further specific knowledge on the subject.

Prerequisites:

None

Audience:

Senior management, technical leaders and engineers who need to evaluate whether ARMv7-A is the right choice for a product development or who need to get a quick update on the major features in the architecture.

Length:

3 hours

Topics: During this course we will cover the following topics:

- Development of the architecture over time
- Instruction set
- Exception Model
- Memory model and memory translation
- Differences between ARMv7-A and ARMv8-A AArch32