DM-ALX - Amazon Alexa Skills Builder e WebApi

ITCore Domotica - Domotica per Utenti e Architetti - Domotica

Durata:	Lingue:	Certificazione:
3 Giorni	**Italiano**	**-**

Descrizione del corso

The course is aimed at programmers and developers who wish to create interesting skills with Amazon Alexa. Part of the course will focus on realizing and managing skills with Microsoft WebApi. The course prepares participants to the Beta version certification exam Alexa Skill Builder.

Programma

Module 1:

- Services & http Services
- REST, RESTful, WCF,...
- What are WebApi?
- Creation of a WebApi
- Model, View, Controller
- Entity Framework
- Model First, Data First, Code First
- Dependency Injection
- Routing and parameters management
- Post, Delete, Put/Patch, Update,
- WebApi Security

Module 2:

- What are Siri, Google Now, Cortana, ...Alexa
- Amazon Echo
- What are SKILLs: custom skills, smart home skills, flash briefing skills,

video skills

- How to interact with skills
- What are Interaction Model, Invocation Name, Intent, Slots
- Voice Interface
- Developing a project Web API for Alexa
- Alexa Skill Kit (ASK)
- SSML (Speech Synthesis Markup Language)
- Test SKILL
- Session State
- Requests handling
- Intents creation
- Extending built-in intents
- Security and authentication
- Skill Certification