

Program szkolenia:

PowerShell dla developerów .NET

Informacje:

Nazwa:	PowerShell dla developerów .NET
Kod:	NET-tools-powershell
Kategoria:	Narzędzia .NET
Grupa docelowa:	architekci developerzy testerzy
Czas trwania:	2 dni
Forma:	50% wykłady / 50% warsztaty

This course is a hands-on introduction to PowerShell. The goal of the course is to teach software engineers to automate system administration tasks as they combine their development and operational roles (DevOps).

The course is a mix of presentation, live demos and lab exercises.

Course is designed for: software developers, testers and architects familiar with Windows, Azure and .NET.

Zalety szkolenia:

- Tips and Tricks
- Managing Azure
- Advanced scripting

Szczegółowy program:

1. PowerShell environment

1.1. Installation and configuration

1.2. PowerShell ISE

1.3. The help system

2. PowerShell basics

2.1. The pipeline

2.2. Sorting, selecting, and filtering

2.3. Formatting

3. Remoting

3.1. One-to-One and One-to-Many

3.2. Execution policy

3.3. Sessions

4. Scripting

4.1. Variables

4.2. Logical constructs

4.3. Looping constructs

4.4. Parameters and functions

5. Advanced scripting

5.1. Advanced parameters

5.2. Writing help

5.3. Error handling

6. Modules

7. Desired State Configuration (DSC)

7.1. Architecture

7.2. Push vs pull

7.3. Authoring configurations

8. Workflow

8.1. Functions vs workflow

8.2. Activities

8.3. Azure Automation runbooks

9. Azure PowerShell

9.1. Installation and configuration

9.2. Managing Azure Storage

9.3. Managing Azure SQL Database

9.4. Managing Azure App Service Web apps