

Optimizing .NET Application

Course Description

Optimizing .NET Framework can help with the problems of porting processor-optimized components by allowing sites to run unported code in conjunction with .NET code.

This advanced class focuses on building a high performance application ASP .NET ADO .NET and Code optimization

Course Level

Advanced

Who should attend?

.NET Developer who want to create Optimizing .NET

Pre-requisites

Good understanding of Programming .NET Application and .NET framework

Course Objectives

- Code optimization
- ASP.NET optimization
- ADO.NET optimization
- SQL statement optimization
- Performance tracking

Course Durations

12 Hours

Course Outline

1.Code optimization

- Better code bring better performance
- Optimize collection
- Optimize loop
- Optimize memory usage
- Securing your memory
- **Hand-On Labs**

2. ASP.NET optimization

- Optimize with ASP.NET
- Optimize with IIS
- Optimize with AJAX
- **Hand-On Labs**

3. ADO.NET optimization

- Batch mode
- Transaction mode
- Stored procedure
- ORM tools
- **Hand-On Labs**

4. SQL optimization

- Better SQL statement
- SQL tricks
- **Hand-On Labs**

5. Performance tracking

- Using performance counter
- Create your own performance counter
- **Hand-On Labs**

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