The All Important Next Steps and Summary

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Agenda

- **Next Steps**

- **Unit Testing**

- **Refactoring**

Next Steps

- **Join a .NET User Group**

- **Conferences**

- **Pluralsight trends**

Automated Unit Testing

- Code that tests code

- Verify

- Regression

- Frameworks

Example: Unit Testing in Diner Max 3000

Refactoring

"Refactoring is the process of changing a software system in such a way that it does not alter the external behavior of the code yet improves its internal structure." – Martin Fowler

$$\frac{5X}{Y} = \frac{25T}{Y}$$

$$5X = 25T$$

$$X = 5T$$

Ways To Refactor

- **Rename for consistency and ease of access**

- **Extract code**

- **Generalizing types**

- **Moving similar code closer**

Example: Refactoring in Diner Max 3000

Summary

- **Setting up your developer environment**

- **Understanding Object-Oriented Programming**

- **C# Basics**

- **Database Development**

- **Windows Presentation Foundation**

- **Web Development With ASP.NET**

- **Web Services with Windows Communication Foundation**

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