

# Introduction to Alt.NET

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# Who is this guy?

- Independent Consultant & Trainer
- Microsoft MVP in C#
- President of Edmonton .NET User Group
- Active blogger @
  - [www.igloocoder.com](http://www.igloocoder.com)
  - [geektukka.wordpress.com](http://geektukka.wordpress.com)

# What is Alt.NET?

We are a self-organizing, ad-hoc community of developers bound by a desire to improve ourselves, challenge assumptions, and help each other pursue excellence in the practice of software development.

Our movement is new. The conversation just started. All are welcome to shape and form the dialog in blogs and lists and face-to-face gatherings both local and global.

# How does this affect you?

- Technical practices
  - Toolsets
  - Technologies
- Methodology practices
  - Project level
  - Tech team level
  - Individual developer level
- Training practices

# What is the entry fee?

- Free....as in lunch, not beer....

# I'm sold what do I need in my kit?

- Patience
- Dedication
- Desire
- Inquisitiveness
- Humility

# Really, what do I need in my kit?

- Extend and maintain a good foundation
- Practice, practice, practice
- Keep learning techniques
- Keep learning tools
- Don't be scared to try something different

# Let's talk techniques

- Good OO
  - Encapsulation, Inheritance, Abstraction, Polymorphism
  - Single Responsibility Principle (SRP)
  - Open Close Principle (OCP)
  - Inversion of Control (IoC)
  - Dependency Injection (DI)
- Logical Layering & Creating Seams
- Test Driven Design
- Design Patterns

# Let's talk tools

- Visual Studio
- ReSharper
- TestDriven.Net
- CruiseControl.NET and nAnt/MSBuild
- \*Unit
- \*Mocks

**For the love of Pete, shut off  
PowerPoint!**

# Resources

- Yahoo Alt.NET newsgroup
- AltNetPedia
  - [www.altnetpedia.com](http://www.altnetpedia.com)
- Blogs