C# : Object Oriented Design

Modern OOP

K. Scott Allen

The Classic Big 3

- **Encapsulation**
- **Inheritance**
- **Polymorphism**

Responsibilities & Roles

- Knowing
- Deciding
- Doing

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Things I Saw Before	Things I See Now
decimal	Stock quotes
List	Loading quotes
looping	Analyzing quotes

pluralsight
see what you can learn

Design Mantras

YAGNI – You Ain't Gonna Need It

KISS – Keep it Simple, Stupid

Doing   **Deciding**
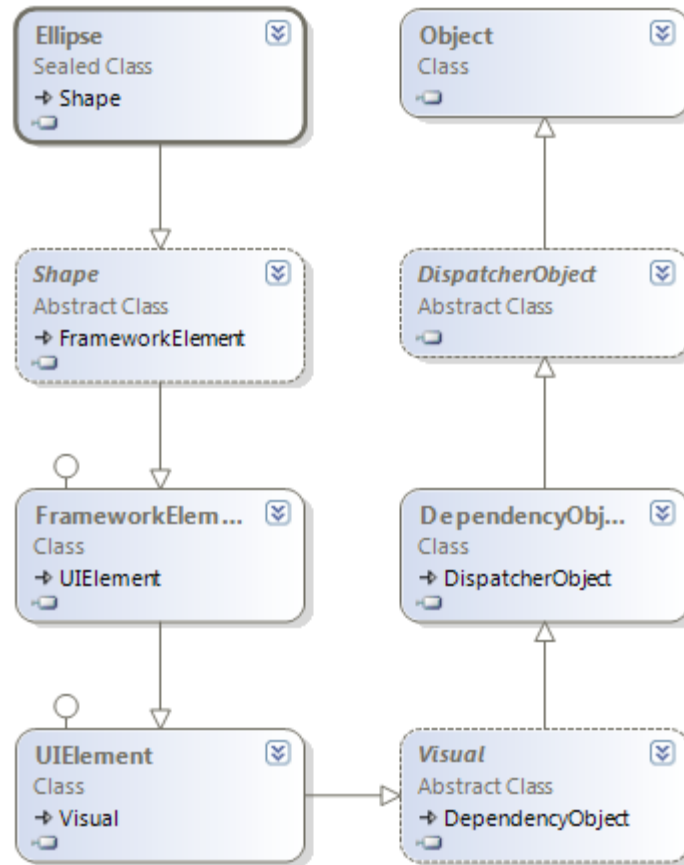
Encapsulation ✅

Polymorphism ✅

Inheritance ❓

Summary

- **Encapsulation is king**
- **Delegation reuses code, too**
- **Small abstractions are powerful abstractions**