Refactoring in (and out of) Delphi

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• “Improving the design of code after it has been written.”
  – Martin Fowler

• “Changing the code so it doesn’t break.”
  – popular meaning

• “Automated code change.”
  – this presentation
• Delphi
• ModelMaker Code Explorer
• Castalia
• SyncEdit
  – Not a real refactoring tool

• Refactor
  – Requires syntactically valid (compilable) code

• Modeling
  – Gang of Four patterns
• Refactoring, navigation, documentation, search
• Delphi 5 and newer
• Works with incomplete code (mostly)

• http://www.modellmakertools.com/code-explorer
• Syntax highlighting, navigation, code analysis, coding assistance, refactoring
• Delphi 5 and newer

• http://www.twodesk.com/castalia
• Variables and fields
• Methods
• Classes and interfaces
• Code modification
• Modeling
Hands-on!
Questions?