

"Continuing WPF with C#"

Special course for Terma – February 2021

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TEKNOLOGISK
INSTITUT



Presentation

- ▶ Name
- ▶ Company affiliation
- ▶ Area of expertise
- ▶ C# experience
- ▶ Expectations for the course

Prerequisites

- ▶ Basic knowledge of WPF
 - Code-behind and XAML
 - Controls
 - Resources
 - Styles, Trigger, and Animations
- ▶ Working knowledge of C# and Visual Studio
 - Object-oriented development
 - Classes
 - Interfaces
 - Delegates
 - Editing and Debugging
- ▶ An interest in digging deeper into WPF 😊

Day 1 – Monday February 8th

- ▶ Module 01: "A Quick Tour of WPF Fundamentals"
- ▶ Module 02: "Data Binding Properties [Foundation]"
- ▶ Module 03: "Data Binding Collections [Foundation]"
- ▶ Module 04: "Events and Commands [Introduction]"

Day 2 – Tuesday February 9th

- ▶ Module 05: "Control Templates and User-Defined Controls"
- ▶ Module 06: "Threads and Asynchrony in WPF [Foundation]"
- ▶ Module 07: "MVVM Design Pattern [Foundation]"
- ▶ Module 08: "WPF Testing and Debugging"

Day 3 – Friday February 12th

- ▶ Module 09: "Data Binding [Deeper Dive]"
- ▶ Module 10: "MVVM Design Patterns [Deeper Dive]"
- ▶ Module 11: "Threads and Asynchrony in WPF [Deeper Dive]"

Course Material

- ▶ Book + Curriculum
 - Adam Nathan: *"WPF 4.5 Unleashed"*
Sams Publishing (2013)
 - Links to MSDN help pages and further resources

- ▶ Electronic delivery
 - Curriculum
 - Slides
 - Examples for every module
 - Labs (and lab solutions) for every module

- ▶ Course evaluation after Day 3

Practical Information

- ▶ Each course day will be from 9.00 to 16.00
- ▶ Breaks
- ▶ Toilets
- ▶ Food and beverages

- ▶ Any questions...?



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