**Day 3: NServiceBus**

|  |  |  |
| --- | --- | --- |
| **NServiceBus Part I** | | **70 minutes** |
| *Module* | *Components* | |
| Introduction | What is NServiceBus?  Getting binaries and installation  Creating a Visual Studio project that uses NServiceBus  Review of a sample NServiceBus Application | |
| Basic one-way messaging | Messaging and queues  Message definition  Sending messages  Endpoint configuration  Creating the service implementation  Async messaging | |
| Labs | Setting up NServiceBus / Sending a message | |

|  |  |
| --- | --- |
| **Break** | **15 minutes** |

|  |  |
| --- | --- |
| **NServiceBus Part II** | **70 minutes** |
| *Module* | *Components* |
| Advance one-way messaging | Overview  Fault tolerance  Transaction processing  Dependency injection  Unit of work processing |
| Labs | Transaction processing and unit of work |

|  |  |
| --- | --- |
| **Break** | **60 minutes** |

|  |  |
| --- | --- |
| **NServiceBus Part III** | **70 minutes** |
| *Module* | *Components* |
| Full Duplex Messaging | Request / reply theory  Retrieving status notifications |
| Labs | Receiving status notifications |

|  |  |
| --- | --- |
| **Break** | **15 minutes** |

|  |  |  |
| --- | --- | --- |
| **Introduction to WPF and XAML, part IV** | | **65 minutes** |
| *Module* | *Components* | |
| Publish and subscribe messaging | Pub/sub overview  Publish service creation  Subscribing to publish services  Publishing events | |
| Labs | Subscribing to events | |