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| >Table of Contents< | [Description](http://www.pluralsight-training.net/microsoft/OLT/Course/Description.aspx?n=principles-oo-design) | [Downloads](http://www.pluralsight-training.net/microsoft/OLT/Course/Downloads.aspx?n=principles-oo-design)  expand all | collapse all  **Progress Duration**  Start playing at first clip   |  |  |  | | --- | --- | --- | | **The Single Responsibility Principle** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:11:55 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:42 | | Definition | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:16 | | Responsibilities | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:42 | | Demo: The Problem | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:21 | | Problem Analysis | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:52 | | Refactoring to a Better Design | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:01 | | Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:01 |   Start playing at first clip   |  |  |  | | --- | --- | --- | | **The Open / Closed Principle** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:28:04 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:44 | | Definition and Overview | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:20 | | Demo: The Problem | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 04:48 | | Problem Analysis | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 06:57 | | Refactoring to a Better Design | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 13:15 |   Start playing at first clip   |  |  |  | | --- | --- | --- | | **The Liskov Substitution Principle** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:21:41 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:46 | | Definition and Overview | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:26 | | Demo: The Problem | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 08:19 | | Problem Analysis | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:33 | | LSP Design Smells | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:46 | | Refactoring to a Better Design | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:48 | | Tips | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:58 | | Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:05 |   Start playing at first clip   |  |  |  | | --- | --- | --- | | **The Interface Segregation Principle** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:24:25 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:47 | | Demo: The Problem | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 08:06 | | Problem Analysis | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:17 | | Refactoring to a Better Design | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 07:04 | | Design Smells and Tips | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:08 | | Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:03 |   Start playing at first clip   |  |  |  | | --- | --- | --- | | **The Dependency Inversion Principle** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:41:20 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:55 | | Definition | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:18 | | What are Dependencies | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:36 | | Traditional Programming | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:11 | | Class Dependencies | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:22 | | Demo | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 06:57 | | The Problem | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:32 | | Refactoring | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 10:50 | | Design Smells | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:34 | | Where to Instantiate | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:47 | | IoC Containers | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:50 | | Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:28 |   Start playing at first clip   |  |  |  | | --- | --- | --- | | **The Dependency Inversion Principle, Part 2** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:26:13 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:00 | | Definition | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:16 | | What are Dependencies | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:38 | | Traditional Programming | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:47 | | Class Dependencies | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 15:32 |   Start playing at first clip   |  |  |  | | --- | --- | --- | | **The Don't Repeat Yourself Principle, Part 1** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:34:22 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:04 | | Definition | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:06 | | Demo App and Analysis | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:23 | | Refactor Magic Strings | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 11:10 | | Refactor Duplicate Logic | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 06:20 | | Refactor Repeat if-then | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:14 | | Refactor Conditional w/Polymorphism | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:11 | | Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:54 |   Start playing at first clip   |  |  |  | | --- | --- | --- | | **The Don't Repeat Yourself Principle, Part 2** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:31:00 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:06 | | Analysis | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:55 | | Tests and Static Cling | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:57 | | Demo Adding Integration Tests | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 08:24 | | Demo Adding Unit Tests | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 14:03 | | Demo Mock Objects | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:36 | | Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:59 |   Start playing at first clip   |  |  |  | | --- | --- | --- | | **Principles of Object Oriented Design - The Don't Repeat Yourself Principle, Part 3** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:28:57 |  |  |  |  | | --- | --- | --- | | Introduction | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:57 | | Analysis | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:15 | | Repeated Execution Patterns | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:43 | | Demo: Refactor using Action of T | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 06:14 | | Demo: Refactor Data Access | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 07:08 | | Demo: Find Duplicate Code - Atomiq | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:31 | | Code Generation | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:13 | | Repetition in Process | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:50 | | Demo: Automation with MSBuild | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:35 | | Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:31 | |