Refactoring Improving The Design Of Existing Code Object Technology Series
Refactoring Improving The Design Of
Refactoring is a disciplined technique for restructuring an existing body of code, altering its internal structure without changing its external behavior. Its heart is a series of small behavior preserving transformations. Each transformation (called a "refactoring") does little, but a sequence of these transformations can produce a significant restructuring.

Refactoring
Over the last few years, I've succumbed to an unfortunate addiction - that of writing books. Although after each book I seriously consider giving it up, I haven't yet succeeded.

Martin Fowler: books
As you can see, coupling is a serious problem when it comes to database refactoring. For the sake of simplicity, throughout the rest of this article the term "application" will refer to all external systems, databases, applications, programs, test suites ... that are coupled to your database.

The Process of Database Refactoring: Strategies for...
Code refactoring is the process of restructuring existing computer code—changing the factoring—without changing its external behavior. Refactoring is intended to improve nonfunctional attributes of the software. Advantages include improved code readability and reduced complexity; these can improve source-code maintainability and create a more expressive internal architecture or object model ...

Code refactoring - Wikipedia
Refactoring Java Code. Oliver Whiler, Agris Software. Refactoring is a powerful Agile technique for improving existing software. Having Java source code that is understandable helps ensure a system is maintainable and extensible.

Refactoring Java Code - Methods & Tools
1. By User Scenario or User Story - Refactor incrementally in a story-by-story or scenario-by-scenario mode, or otherwise identify the functional areas as a basis for incrementing. Improve DB queries and introduce data caching so that the system will run faster
   Refactor all user management functionality.
   Catalog browsing functionality.

Advanced Topic - Refactoring - Scaled Agile Framework
For the past two years, I've been working on a second edition of my book "Refactoring". Here I have details about the new edition and some memos describing my thoughts in the last months of this project. It may take a while for the book to work its way through the various distribution channels. In ...

The Second Edition of "Refactoring" - martinfowler.com
In this step-by-step tutorial, you'll learn how to refactor your Python application to be simpler and more maintainable and have fewer bugs. You'll cover code metrics, refactoring tools, and common anti-patterns.

Refactoring Python Applications for Simplicity - Real Python
"Test-driven development" refers to a style of programming in which three activities are tightly interwoven: coding, testing (in the form of writing unit tests) and design (in the form of refactoring). It can be succinctly described by the following set of rules:

What is Test Driven Development (TDD)? | Agile Alliance
Books: Extreme Programming Explained: Embrace Change 1st edition. Now out of print get it used for a couple dollars. This is still a worth while read if you are new to XP.

More XP Information - Extreme programming
In computer programming, a code smell is any characteristic in the source code of a program that
possibly indicates a deeper problem. Determining what is and is not a code smell is subjective, and varies by language, developer, and development methodology. The term was popularised by Kent Beck on WardsWiki in the late 1990s. [citation needed] Usage of the term increased after it was featured...

**Code smell - Wikipedia**

Like a building, the strength of your software construction starts with a solid foundation. Here we learn both the basics of clean software architecture design and the fundamental pillars of the Domain Driven Design approach you'll need in any solution you create. Hello, and welcome to Pluralsight...

**Domain-Driven Design | Pluralsight**

In Figure 3 the Student class encapsulates the behavior for both students and addresses. The first step would be to refactor Student into two classes, Student and Address. This would make our design more cohesive and more flexible because there is a very good chance that students aren’t the only things that have addresses.

**Introduction to Class Normalization - Agile Data Home Page**

Extreme Programming is a discipline of software development based on values of simplicity, communication, feedback, courage, and respect. It works by bringing the whole team together in the presence of simple practices, with enough feedback to enable the team to see where they are and to tune the...

**What is Extreme Programming? - Ron Jeffries**

Best Support for Latest Java Technologies. NetBeans IDE is the official IDE for Java 8. With its editors, code analyzers, and converters, you can quickly and smoothly upgrade your applications to use new Java 8 language constructs, such as lambdas, functional operations, and method references.

**NetBeans IDE - Overview**

Featured Book. Network Programmability with YANG. Network Programmability with YANG gives you complete and reliable guidance for unlocking the full power of network automation using model-driven APIs and protocols. Authored by YANG pioneers Benoit Claise, Joe Clarke, and Jan Lindblad, this plain-spoken book guides you through successfully applying software practices based on YANG data models.

**InformIT: The Trusted Technology Source for IT Pros and ...**

QUnit: A JavaScript Unit Testing framework. Run this example. Three sections are worth a closer look here. Along with the usual HTML boilerplate, we have three included files: two files for QUnit (qunit.css and qunit.js) and the previous prettydate.js. Then, there's another script block with the actual tests.

**Introduction to Unit Testing | QUnit**

In this presentation held during OOPSLA 2008, Rebecca Wirfs-Brock reviews various forms of driven development in order to understand the principles and values of several design practices used today.

**What Drives Design? - InfoQ**

With a test-driven development (TDD) approach, part of the overall Agile Model Driven Development (AMDD) approach, your tests effectively become detailed specifications which are created on a just-in-time (JIT) basis. Like it or not most programmers don't read the written documentation for a system, instead they prefer to work with the code.

**Agile Core Practice: Executable Specifications**

Anyone can write code a computer can understand, but professional developers write code
*humans* can understand. Clean code is a reader-focused development style that produces software that's easy to write, read and maintain.