



## Test Driven Development (Lunch & Learn)

Test-Driven Development (TDD) is a programming technique that involves writing a test case and then implementing the code necessary to pass the test. Test-driven development is emphasized as a method of designing software, not merely a method of testing, and can be applied to the improvement and removal of software defects from legacy code that was not developed in this manner.

This seminar uses case studies to explore how TDD has been applied to business applications. Attendees will learn how associated standard technologies and best practices can be applied to their own development projects.

Cardinal's clients have used the knowledge that they have gained from this seminar to address the following issues:

- Improve the quality of the application being developed
- Dramatically reduce testing time
- Reduce time spent correcting code mistakes
- Catch application defects early in the development cycle, thereby reducing costly corrections later

### Who Should Attend?

This session was designed for IT architects and developers with an introductory level of knowledge of the Test Driven Development methodology. It is also helpful (though not mandatory) for attendees to have an introductory level understanding of the Spring framework.

### Prerequisites

Experience with Java development and architecture.

### Topics Covered

- TDD Overview
  - Case study introduction
  - Brief overview of major technologies used in TDD
- TDD implementation strategies
  - Test organization
  - Out-of-container testing
  - Property substitution
  - Modified Spring test framework
- Demonstration through case study exploration
- Best practices and lessons learned
- Question and answer session

### Materials Provided

Session manual

### Enrollment Details

Course Length: 1.5 – 2 hours (11:00 a.m. - 1:00 p.m.)

Locations: Cincinnati, Columbus, Charlotte

For more information please call 513-984-6700