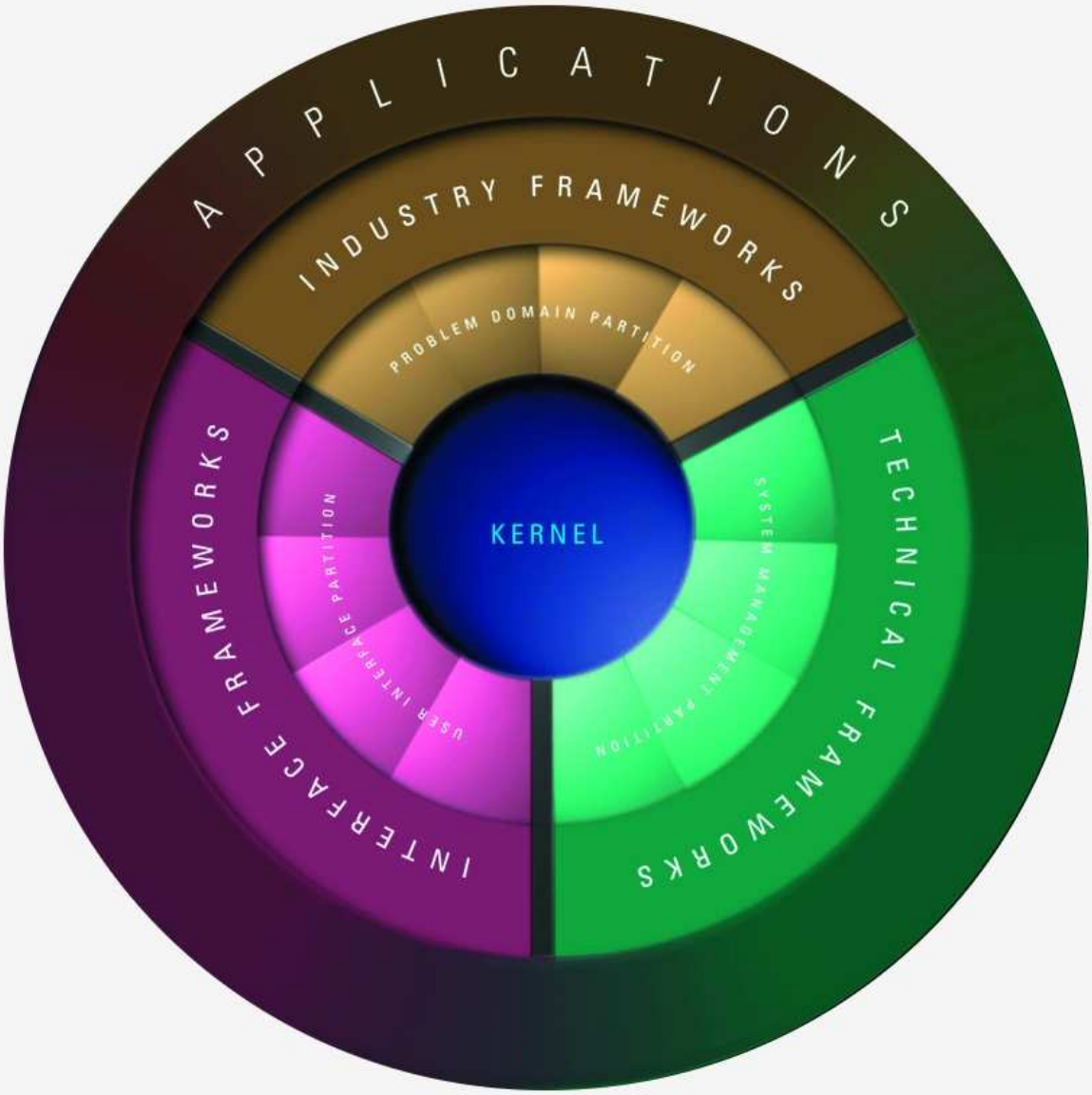
Architectures for Object-Oriented Development

Lab Exercises



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Architectures for Object-Oriented Development

Laboratory Exercises: Part I

January 1998

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How to ... in Rational Rose C-1

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Lab 2: ACE Public Training Registration Application Requirements Review

Objectives

Upon completion of this lab, you will:

- Understand system requirements and business analysis deliverables for the ACE Public Training Registration Application

Description

In this lab, you review the *Software Requirements Specification* document for the ACE Public Training Registration Application that includes:

- Software Requirements Document
- Use Case Model
- Initial Problem Domain Object Model

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Procedure

Review the training registration user requirements document titled *ACE Consulting Company Public Registration System Software Requirements Specification* in Appendix A. Review the following sections of the document:

- Written software requirements
  - Use Case Model and use case descriptions
  - Initial Problem Domain Object Model

After you have finished reviewing the system requirements, your instructor will lead a class discussion to review the application.

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Laboratory Exercises: Part II

January 1998

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Unit 1 Lab

Lab 1: ACE Public Training Registration Application Library Model Review

Objectives

Upon completion of this lab, you will:

- Understand the Rational Rose Model for the Logical Design for the ACE Public Training Registration Application

Description

The ACE Public Training Registration application that you will be working on during this course has a predefined logical design model in Rational Rose. In this lab you will review this model to get a better understanding of the design that you will be implementing with PowerBuilder. This model uses an existing class library which contains many of the patterns covered in the Architectures for Object-oriented Development Course.

This lab is an instructor -led lab. You can follow along on your computer as your instructor reviews the Ace Public Training Registration Application design model.

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Procedure

1. Open the ACE Public Training Registration design model by running Rational Rose and opening the model located in c:\AOOD2\ACE\SOLUTIONS\ACE.MDL

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