

TE801: Advanced Technologies

Overview

This 3 day, intermediate-level, instructor-led course is designed for experienced technical developers who are interested in learning more about the newer technologies available for the Ross suite of products. This hands-on course is intended to educate students on the current development architecture as well as expose them to newer ways of developing integrated solutions using technologies like Web Services and Microsoft's Visual Studio Developer .Net. Throughout the class, lab exercises and practices will be used to further strengthen the topics of discussion.

Audience

Developers

Prerequisites

- Experience developing enterprise software applications.
- Familiar with structured programming concepts (variables, conditional statements, loops).
- Beginning to intermediate-level experience using the DML programming language.

Course Description

Advanced Technologies begins with a detailed analysis of the Internet Application Framework architecture (IAF). IAF consists of five unique components that are used to maximize the functionality of Ross ERP. Each of these components will be discussed in detail. You will learn new ways of developing Ross ERP solutions using Microsoft's Visual Studio.Net environment. You will also be exposed to a variety of different development offerings like the new DML Integrated Development Environment and Web Based Components for DML.

Web Services will be discussed in detail and you will be exposed to the components that make up the Web Services architecture and learn why they are critical to the future of distributed applications. Instruction will be given on how to consume and create Web Services, both internal and external, to Ross ERP. The class will conclude with an in-depth discussion of how Ross plans to leverage all of these technologies in their future product offerings.

After taking this class, you should have a solid technical understanding of the components that make up the Ross ERP technology suite. Students will have received hands-on exposure to all of the newer development technologies and should be able to make informed decisions when evaluating what tools are most applicable to their future solutions. You will ultimately be able to leverage what was learned in this class as a foundation to develop highly efficient and effective solutions for the Ross ERP application.