



BLACKBAUD CRM™: SOFTWARE DEVELOPMENT KIT – BATCH

MODALITY

- » Instructor-Led Event

DURATION

- » 2 Days

DELIVERY METHOD

- » On-Site (Group Live)
- » Online (Group Internet Based)

PREREQUISITES

- » Blackbaud CRM: Software Development Kit—Fundamentals

COURSE OVERVIEW

Use batching to interact with and process collections of records more efficiently. This systematic process involves a series of custom code elements and workflows, designed to ensure that data integrity is maintained in your underlying database.

Learn custom batch design and the mechanics of batch processing, workflows, and data validation. Extend and repurpose non-custom batches by adding your own custom fields and/or business logic using the Blackbaud Software Development Kit (SDK).

This interactive workshop consists of four three-hour sessions.

- **Day 1: Understanding and Developing a Custom Batch 1 & 2** – Learn the core concepts of batch design and development. Step through the entire batching process, from staging tables to creating full-featured batch templates. Explore all add, edit, delete, and commit functions associated with the collective processing of a group of records.
- **Day 2: Validation Process and Post Commitment Exceptions 1 & 2** – Finalize custom batch development with validation and commitment. Discuss data entry and batch import functions. Learn how to enhance existing batches using batch extensions.

TARGET AUDIENCE

This course is designed for developers familiar with editing XML and using SQL to create specs. An understanding of Visual Basics, C#, and the .NET framework is preferred for complex customizations.

LEARNING OBJECTIVES

- Describe the operational concepts behind collecting and processing records within Blackbaud CRM
- Design and develop batch workflows
- Construct custom batch types
- Develop custom validation, exception, and commit processes
- Generate batch extensions to enhance existing tables

For additional information, visit www.blackbaud.com/training