

EnterpriseTenFold SOA's architecture anticipates applications needs that we can not imagine in advance. It includes TenFold Language, a descriptive language that you can use to create powerful custom functionality, algorithms, or engines (attachable descriptively throughout your application) using procedural business logic and algorithmic tools (looping, branching, et cetera). It leverages EnterpriseTenFold SOA technologies (such as sets) to eliminate programming (such as SQL), and eliminates arcane programming constructs (such as memory management, pointers, et cetera).

Advanced TenFold Language teaches business analysts and applications developers how to quickly develop concise, efficient, scalable, high-performance TenFold Language functions and the many options for integrating them into your application. During this two-day class, an expert instructor explains when and how to use TenFold Language; the many powerful built-in TenFold Language functions; access to non-TenFold APIs; and much more.

Duration 2 Days

Tuition \$2,000 per student

Audience

Business analysts and applications developers seeking to extend their EnterpriseTenFold-powered applications

Prerequisites

- TenFold Paradigm class
- Review TenFold Language Reference Manual

Upon completion you

- Write standards-conforming and easy-to-maintain TenFold Language functions
- Harness powerful, built-in functions
- Understand TenFold Language implicit data type conversions and array processing
- Use TenFold Language to interact with third-party libraries and external data sources
- Learn to manipulate and evaluate data using in-memory sets
- Improve application performance by writing efficient TenFold Language
- Learn to troubleshoot TenFold Language functions and understand common problems

Class contents

Understanding TenFold Language Concepts

- Understanding function types
- Using implicit data type conversion and array processing
- Using state variables, options, special characters

Using Advanced Set Operations

- Working with multiple sets
- Using view conditions for powerful queries
- Manipulating data in TimeRelational sets
- Understanding and using recursion
- Improving performance with ContinuedReads and encoded sets

Advanced TenFold Language features

- Using optional parameters
- Generating functions dynamically
- Understanding update/commit behavior
- Built-in TenFold Language sizzle features

Interacting with External Data Sources

- Working with files
- Calling external functions and APIs
- Controlling which server or client computer functions run on

Troubleshooting and tuning

- Multistreaming to improve batch processing
- Identifying and avoiding common problems
- Debugging

Contact TenFold University at (801) 619-8243 or e-mail University@tenfold.com.