

# Infor Distribution SX.e SX.Development course – GUI programming

The Infor logo consists of the word "infor" in a white, lowercase, sans-serif font, centered within a solid red square.

**infor**

## Description

The course in SX Enterprise Development is a 5 day course designed to explain the concepts of customizing the GUI portion of the SX Enterprise product.

## Audience

Software development staff

## What to expect from this class

This class will focus on the component based architecture of the Windows-based version of SX Enterprise. It will teach developers how to begins developing GUI screens in SX.e. One of the primary goals of this class is to teach developers how to make their custom modifications in such a way that they will be able to smoothly upgrade their custom software to the next release of SX Enterprise.

## Recommended time to attend

This course may be taken at any time as long as the prerequisites have been met.

## Prerequisites

Individuals attending this class should have an understanding of the SX Enterprise system. They should also be familiar with the Progress language or have 6 months experience with the tool. Experience with the Progress AppBuilder is recommended but not required.

## Agenda

This is now a two part class consisting of 7 days of training. Part 1 is usually held from Tue through Thursday. Then part 2 is held a week later on Monday through Thursday.

### Part 1 - Day 1

1. Introductions / Overview
2. Progress Functionality
3. Event driven Methodology
4. Review of Progress AppBuilder

### Part 1 – Day 2

5. Handles
6. Dynamic Widgets and the Widget Pool
7. Smart Objects
8. Smart Links

### Part 1 - Day 3

9. Temporary Table Links
10. Paging
11. App Servers

Part 2 – Day 1

- 12. The Menu system (adding a program to the menu system)
- 13. The SX Directory structure
- 14. Tools for development

Part 2 - Day 2

- 15. Custom Objects
- 16. Validation methodology
- 17. Overview of containers
- 18. Smart Inquiry Viewer Components
- 19. Smart Inquiry Browser Components
- 20. Smart Inquiry Criteria Components
- 21. Simple Setup Components

Part 2 - Day 3

- 22. Setup Viewer Components on a Tab Folder
- 23. Creating a SmartBrowser Component for a Reconcile Container
- 24. GUI based user hooks
- 25. Programming use of App Servers

Part 2 - Day 4

- 26. AppServer exercises
- 27. Interfacing to a GUI Lookup programs
- 28. Lookup containers
- 29. Creating your own GUI Lookup program