



Aptify®

Developer II Class Description

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Duration 2 days

Class begins promptly at 9:00 AM, with a morning break, hour lunch break, and an afternoon break. Class is scheduled to end at 4:00 PM each day, but times may vary based on student questions and discussions.

Hours Estimates

All hours listed in parenthesis are estimates—actual times will differ based on many variables such as:

- Student Ability
- Questions
- Side Discussions
- Labs & Exams

Overview

This course provides an exploration of the Advanced Developer features of Aptify 6.0, focusing on code-based plug-ins. The course is designed for individuals who will develop for an organization's Aptify Desktop installation. We recommend that only clients that have already finished their implementation cycle and are currently using Aptify "live" should attend this class. This is not a core curriculum class but is used to augment existing client knowledge of the system. Students will walk through the development by partaking in real-time interactions and labs. The focus of the class is on creating common code-based configurations by simulating a real-world development scenario.

Who Should Attend

Course is intended for:

- Developers
- System Programmers

Course Prerequisites

Required

- Completion of the Administrator Course
- Completion of the Developer I Course
- Basic Developer skill set including: Microsoft Visual Studio, Microsoft .NET 4.x or above, a knowledge of basic object-oriented programming concepts
- General Database Knowledge

Preferred

- Familiarity with SQL, WinForm development experience, Experience with VB.NET
- Aptify configuration experience (Entity creation, and metadata-based configurations)

Day 1

Developer II Training Overview (15 Minutes)

- Objective
- Course Prerequisites

Architecture (1 Hour)

- Required Technologies
- Configuration Design Methodology
- Introducing the Trouble Tickets System
- Installing the Trouble Tickets System

Aptify Form Template Layout Controls (2 Hours)

- Overview
- Understanding Form Template Layouts
- Hello World Form Template Layout Control
- Binding Variables to Controls
- Capturing Events and Controlling Behavior

Fundamentals of Aptify Code-Based Development

(2 Hours)

- Overview
- Coding Methodology Overview
- The Five Critical Aptify Objects
- Generic Entity
- Aptify Application
- Exception Manager
- User Credentials
- Create Initial Trouble Ticket Activities Record (GE)
- Log the Correct Employee (User Credentials)
- Validating Software Titles (AptifyApplication and DataAction)

Day 2

Process Flow Components (2 Hours)

- Overview
- Design Methodology
- Class Creation
- Trouble Tickets Email
- Use Message Runs

Entity Plugins (2 Hours)

- Overview
- Plugin Design Methodology
- Class Creation
- Installing an Entity Plugin in Aptify
- Validate Trouble Ticket
- Close Trouble Ticket Function

Advanced Form Template Layouts (15 Minutes)

- Overview
- Creating PC Type Buttons
- Controlling Data Transfer

Form Components (15 Minutes)

- Overview
- Design Methodology
- Class Creation
- Serial Number Control

Dashboard Components (15 Minutes)

- Overview
- Plugin Design Methodology
- Class Creation
- Installing a Dashboard Component in Aptify

Wizards (15 Minutes)

- Overview
- Design Methodology
- Class Creation
- PC Entry Wizard