



Web Developer Class Description

Aptify Web Developer Class Description

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 represents the continuation of the Developer I and Developer II courses as it applies to the Web version of Aptify.

Who Should Attend

Course is intended for:

- Developers
- Web Developers
- System Programmers

Course Prerequisites

Required

- Completion of the Aptify Administrator Course
- Completion of the Aptify Developer I Course
- Completion of the Aptify Developer II Course
- HTML5 and CSS3 familiarity
- JavaScript
- JQuery
- Familiarity Visual Studio Development

Day 1

Web Developer Training Overview (15 Minutes)

- Objective
- Additional Documentation
- Course Prerequisites and Web Developer Reading List

Configuration Migration Tool - Unpacking (1 Hour)

- Download and install the CM Tool
- Unpack the Trouble Tickets Application

Trouble Tickets Application Overview (1 Hour 30 Minutes)

- Data
- Application
- Entities
- Views
- Wizards
- Event Handlers
- Dashboard and Dashboard Components
- Form Templates and Form Components
- Web-Only Form Templates

Metadata Generation (30 Minutes)

- Generate HTML 5 Web UI Part Metadata Items
- Generate HTML 5 Web Entity Metadata
- Generate HTML 5 Web Form Template UI Parts
- Generate HTML 5 Web View Metadata
- Generate HTML 5 Web Dashboard UI Parts
- Generate HTML 5 Web Culture Metadata

Quick Search Configuration (1 Hour - 30 Minutes)

- Search Configurations
- Search Configuration Entities
- Create Trouble Tickets Search Configuration Entity
- Configuring Search Fields
- Setup a Search Configuration Entity for PCs
- Add the Primary User as a Search Field
- Advanced Search Algorithms

Entity Card Configuration (1 Hour - 30 Minutes)

- Design the Trouble Tickets Entity Card
- Fields on the Trouble Tickets Entity Card
- Create the Trouble Tickets Entity Card
- Create the HTML UI Part for the Card
- Create the Entity Card and Connect the HTML UI Part
- Test the Title-Only Card
- Complete the HTML UI Part
- Test and Debug the Full Card
- Add Fields to Return to the Search Configuration Entity

Day 2

Auto Link Configuration (2 Hours)

- Auto Link Configurations
- Auto Links
- Create an Auto Links record for Trouble Tickets
- Auto Links Beyond Spaces
- Soft Links
- Enable Soft Links for the Resolution field of Trouble Tickets
- Auto Links in HTML Form Components
- Convert the Trouble Tickets. Resolution Form Template to an HTML Text Field
- Test the Resolution Auto Links
- Create a Resolution Auto Link Configuration
- Create Auto Links
- Use the Resolution Auto Link Configuration
- Test the new Auto Link Configuration

Space Action Configuration (2 Hours)

- Create Space Actions
- Space Action Inputs
- Create Space Action Inputs
- Space Action Process Flows
- Input Properties
- Result Codes
- Create the Space Action Process Flow
- Test out your Space Action
- Add a Link to the Trouble Tickets in the Space Thread

Form Template Configuration (2 Hours)

- Form Template Bindings
- Bind able Properties
- Form Template Part Binding Filter Rules
- Trouble Ticket Titles
- Disable the Title
- Software Title Manufacturers
- Plan the configuration
- Create the Hidden Filter Function
- Test the Hidden Filter
- Disable the Manufacturer Linkbox