Developing Splunk UI Dashboards

Course Summary:

This course is for developers who want to build dashboards using React and the Splunk UI (SUI) toolkit. The SUI toolkit provides a comprehensive library of React components designed to provide the look and feel of native Splunk apps. Throughout the course students get hands-on experience creating dashboards comprised of React components.

Course Duration:

4.5 Hours (1 Day)

Prerequisites:

- To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
  - Intro to Splunk (ELN)
  - Introduction to React (ELN)
- Additional courses and/or knowledge in these areas are also highly recommended:
  - Introduction to Dashboards
  - Dynamic Dashboards
  - Building Splunk UI Apps
  - Experience with:
    - HTML
    - CSS
    - JavaScript

Course Outlines:

Module 1 – Introduction

- Describe Splunk UI Toolkit
- Identify requirements for Splunk UI development
- Set up a development environment

Module 2 – Splunk UI Apps

- Define the app architecture
- Create a Splunk UI app
- Package a Splunk UI app

Module 3 – Components

- Describe React components
- Manage component configuration
- Add a component to an app
- Connect a data source to a component

Module 4 – Data Inputs

- Identify data entry components
- Define tokens
- Describe an event handler
- Implement a data input

Module 5 – Putting it Together

- Identify theme options
- Use Splunk UI icons
- Add a tab layout
- Package and app

Audience:

- Administrators
- Developers