



Building Apps with Splunk

This two-day course focuses on Splunk Enterprise app development. It's designed for advanced users, administrators, and developers who want to create apps using the Splunk Web Framework. Major topics include planning app development, creating data generators and data inputs; the REST API, setup screens, KV Store, and app packaging.

Course Topics

- Planning App Development
- Creating Apps
- Adding Data
- Using the Splunk REST API
- Creating a KV Store
- Packaging Apps

Course Prerequisites

Classes

- Splunk Fundamentals 1 & 2
- Creating Dashboards
- Advanced Dashboards & Visualizations
- System Administration with Splunk (recommended)

Recommended Skills

- Experience with HTML, CSS, and XML
- Experience with JavaScript
- Using a terminal text editor (vi, Nano or similar)

Class Format

This course is an instructor-led lecture with labs, delivered via virtual classroom or at your site.

Students will need to point their browser to a URL that includes a port in the range: 9500 -> 9700. They will also need to make an ssh connection to the lab server using port 22.

- Lab environment is running Linux instances only
- Lab instructions include all necessary vi commands
- Students will need access to port 22 and those in the range: 9500 -> 9700

Course Objectives

Module 1 – Planning App Development

- Create a development environment
- Improve app performance
- Identify Splunk log files
- Use security best practices
- Create a data generator

Module 2 – Creating Apps

- Define the web framework architecture
- Identify ways to build Splunk apps
- Manage apps and add-ons
- Create an app
- Configure app properties
- Create app navigation

Module 3 – Adding Data

- List types of data inputs
- Identify ways to add data
- Define when to use a scripted input
- Create a modular input

Module 4 – Using the REST API

- Explain how the Splunk REST API works
- Define API endpoints
- Explain how the KV Store works
- Create a KV Store
- Use lookups with a KV Store

Module 5 – Packaging Apps

- Create an app setup screen
- Define search time precedence
- Explain local and default differences
- Package an app

About Splunk Education

Splunk classes are designed for specific roles such as Splunk Administrator, Developer, User, Knowledge Manager, or Architect.

Certification Tracks

Our certification tracks provide comprehensive education for Splunk customer and partner personnel according to their areas of responsibility.

To view all of Splunk Education's course offerings, or to register for a course, go to <http://www.splunk.com/goto/education>

To contact us, email education_AMER@splunk.com.

About Splunk

Splunk is software that indexes, manages and enables you to search data from any application, server or network device in real time.

Visit our website at www.splunk.com to download your own free copy.

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