splunk™>

Building Splunk Classic Apps

This 9-hour course focuses on Splunk app and add-on development. It's designed for application developers who want to create new apps for Splunk Enterprise and Splunk Cloud. Major topics include planning apps, building a data generator, creating custom search commands and REST endpoints, app packaging and deployment, and more.

Course Objectives

- Plan, build, and manage Splunk apps
- Create a data generator
- Develop a custom search command
- Extend the Splunk REST API
- Construct a workflow action
- Validate an app with AppInspect
- Package and deploy an app

Prerequisite Knowledge

To be successful, students should have a solid understanding of the following:

- Splunk system administration
- Splunk data administration
- Python or a similar scripting language

Course Format

Instructor-led lecture with lab exercises. Delivered via virtual classroom or at your site.

Course Topics

Topic 1 – Planning Apps

- Describe apps and add-ons
- Set up a development environment
- Improve app performance
- Use security best practices

Topic 2 – Adding Data

- List types of data inputs
- Explain modular vs scripted inputs
- Review types of knowledge objects
- Create a data generator

Topic 3 – Creating Apps

- Create a basic app
- Configure app properties
- Identify app components
- Manage apps and add-ons

Topic 4 – Custom Search Commands

- Identify search command types
- Create a search command
- Examine Splunk metadata
- Configure access control

Topic 5 – Custom REST Endpoints

- Identify REST handler types
- Create a REST endpoint
- Examine Splunk metadata
- Configure access control

Topic 6 – Custom Workflow Actions

- Identify workflow action types
- Create a workflow action
- Examine workflow action parameters
- Configure access control

Topic 7 – Packaging Apps

- Create an app setup page
- Explain config file precedence
- Use AppInspect to validate an app
- Produce a deployable 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 Splunk Education's course offerings, or to register for a course, go to http://www.splunk.com/education

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