



Developing with Splunk

This 1-day course provides training on Splunk's architecture and REST APIs. It covers customizing, integrating and extending Splunk and includes hands on labs. It is designed for experienced programmers and includes examples in python, HTML/CSS and the Unix/Linux shell.

Course Topics:

- When to make an application
- Determining whether to call splunkd or skin Splunk Web
- Skinning Splunk's Web Interface
- Packaging customizations as an application
- Interactively using the python interpreter
- Search and manage Splunk from other applications via REST API and CLI
- Access REST endpoints
- Create new endpoints

Course Prerequisites:

- Using and Administrating Splunk
- Knowledge of HTML, XML and CSS
- Experience with shell scripting
- Familiarity with regular expressions

Class Format

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

Course Objectives

Lesson One - Overview

- Describe Splunk's architecture
- Describe the default splunkd configuration
- Describe the application directory structure

Lesson Two - Modifying the Splunk UO

- Changing skins and rebranding
- Changing dashboards
- Decorating events

Lesson Three - the REST API

- Define endpoints

- Access endpoints
- Authenticate through the API
- Create a new endpoint
- Describe SDK features

Lesson Four - Applications

- Name the configuration files for applications
- Describe the process for downloading and installing apps
- Create an application
- Package and upload an application

Other Services

Following a developing with Splunk class, you may also want to consider other services and education offerings to get your Splunk deployment started.

Education

We offer classes on using, administrating, deploying and developing with Splunk.

Tracks	Classes					
	Using Splunk	Administrating Splunk	Deploying Splunk	Developing with Splunk	Selling Splunk	Supporting Splunk
User	✓					
Administrator	✓	✓				
Architect	✓	✓	✓	✓		
Developer	✓	✓		✓		
Sales Engineer	✓	✓			✓	
Support Engineer	✓	✓				✓

Deployment Design Services

We will access your requirements and create a deployment design.

Installation, configuration and customization services

We can install and configure Splunk for you according to the deployment design.

About Splunk

Splunk is software that indexes, manages and enables you to search logs and IT 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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