SPLUNK EDUCATION

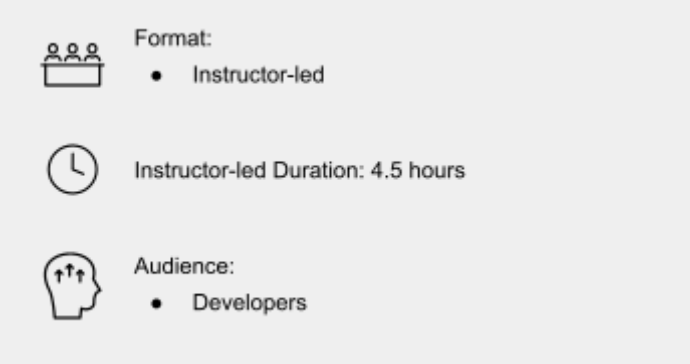# Manual Instrumentation with Splunk APM

Summary

This course is for developers.

This 4.5-hour course enables you to manually instrument your applications to send traces to Splunk APM. Through in-person discussions and hands-on activities, learn to manually instrument applications to create spans and add metadata to spans. This course assumes familiarity with navigating Splunk APM which is covered in the course Using Splunk Application Performance Monitoring.

This lab-oriented class is designed to help you learn the fundamentals of instrumenting your code to send in traces and trace metadata. All hands-on labs are in Node.js and Java.

Prerequisites

- To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
  - Using Splunk Application Performance Monitoring
  - Familiarity with using the command line terminal
- Additional courses and/or knowledge in these areas are also highly recommended:
  - Basic knowledge of programming languages (e.g. Python, Java, Node.js)

Format:
- Instructor-led

Instructor-led Duration: 4.5 hours

Audience:
- Developers

Course Outline

Module 1 – Instrumentation Overview

- Describe what instrumentation is
- Describe what traces and spans are

Module 2 – Manually Instrument Applications to Send Traces

- Describe instrumentation options
- Manually create spans
- Add span tags

Module 3 – Instrumentation Interoperability

- Describe interoperability
- Enable interoperability between applications

About Splunk Education

With Splunk Education, you and your teams can learn to optimize Splunk through self-paced eLearning and instructor-led training, supported by hands-on labs. Explore learning paths and certifications to meet your goals. Splunk courses cover all product areas, supporting specific roles such as Splunk Platform Search Expert, Splunk

Enterprise or Cloud Administrator, SOC Analyst or Administrator, DevOps or Site Reliability Engineer, and more. To learn more about our flexible learning options, full course catalog, and Splunk Certification, please visit http://www.splunk.com/education.

To contact us, email education@splunk.com.