

Introduction to WebAssembly (LFD133)

This course will give you a good understanding of the WebAssembly runtime, the fourth “official” language of the web (alongside JavaScript, HTML and CSS). You will learn how WebAssembly runs ‘under the hood’, and how you can leverage its capabilities in and beyond the browser. You will also explore a series of potential applications in different industries, and take a quick peek at upcoming features.

Duration: 4 Hours

Prerequisites for this course

In order to complete this course, learners should be able to:

- Basic understanding of web technologies
- Basic knowledge and understanding of computing principles
- Basic experience of programming with JavaScript
- Basic knowledge of installation and configuration

Outline for this course

Chapter 1 – The Interactive Web - A Brief History

Chapter 2 – Introducing WebAssembly

Chapter 3 – Practical WebAssembly

Chapter 4 – WebAssembly Beyond the Browser

Chapter 5 – The Future of WebAssembly