01

Introduction to web components

Introduction

Welcome to Polymer in action. In this book we will learn the Google Polymer framework and the concepts applied on web components and the new shadow DOM.

Before starting we will have a brief look at what is Polymer, what version is available right now and what is the future of this amazing framework created by Google inc. for composite web development.

A brief of history.

Polymer has been announced by Google in January 2015 during the annual Google I/O conference. At that time Polymer was available in a beta version, named Polymer 0.5. At the time I am writing this book, Polymer is available in the version 1.5.0, which is the result of multiple iterations that have made the framework stable and ready for production.

Polymer is willing to achieve one primary goal, provide a uniform web development kit that allows developer to create and distribute modularized web applications that can easily run over multiple browsers (cross-browser) and over multiple platforms (cross-platform).

[Introduction 1](#_Toc443778484)