



Polymer

Duration 2 day(s) (POLYMER-01)

Polymer and the Web Components

Description

With the multiplication of frameworks to create its own components, we often forget that it is possible to do the same thing by limiting itself to Web standards. The different specifications of the Web Components will allow us to create our own HTML elements and to interact with them. In order to limit the use of these low level standards, we will use the Polymer library, initiated by Google.

Goals

- Discover the new HTML5 standards
- Creating new HTML elements
- Develop a rich application

Public

- Web developer

Prerequisites

- JavaScript - NodeJS ecosystem

Structure

40% Theory, 60% Practice

Program

The Web Components

- Custom Elements
- Templates
- HTML Imports
- Shadow Dom
- Libraries: Polymer, X-Tag, SkateJS ...

Polymer CLI

Tests

Elements

- Properties
- Methods
- Data Binding
- Manipulation of the DOM
- Styles

Predefined elements

- dom-repeat
- dom-if
- Polymer component catalog: iron-ajax, app-layout, iron-icons, ...

Behaviors

Event Management

Routing

Localization