

Updated 07/26/2023

Sign up

Leaflet training

2 days (14 hours)

Presentation

Leaflet is a free JavaScript library for online mapping developed by Vladimir Agafonkin of CloudMade and numerous contributors, and used in particular by the free and open OpenStreetMap2 mapping project.

The library is used on OpenStreetMap, Flickr, Wikipedia , Foursquare, craigslist, Institut national de l'information géographique et forestière, Washington Post, the Wall Street Journal, Geocaching.com, City-Data.com, StreetEasy, Nestoria, Skobbler and other mapping sites.

As always, you will be taught the latest version of the tool, [Leaflet 1.7](#).

Objectives

- Discover Leaflet
- Be autonomous in assembling existing add-on modules
- Implement Leaflet's main functions

Target audience

- Web developers, GIS specialists.

Prerequisites

- basic knowledge of JavaScript/Html/CSS

Leaflet Training Program

The fundamentals

- Anatomy of a Web page
 - JavaScript
 - Interactive maps
 - Spatial data
 - Data formats and sources
 - Map projections First steps
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- Map backgrounds and layers
 - Markers
 - Popups
 - GeoJSON data

Advanced features

- Card initialization options
- User location
- Interactions with the mouse
- Interaction with objects
- Conditional formatting of vector objects
- Markers with custom icons Projection

management

- Using data in various projections Edition
-
- HTML formulas
 - Leaflet.draw

Assembly of add-on modules

- Address search
- Clustering of nearby objects
- Choropleth and symbols
- View memory
- Graticule
- Heatmaps
- Additional modules according to group requirements

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.