ARCGIS API FOR JAVASCRIPT
INITIATION LEVEL - (VERSION V4)

PEDAGOGICAL OBJECTIVES

This course is designed for people who are new to JavaScript development using ESRI tools, and who wish to discover the basics of these developments for the creation of cartographic applications or additional widgets adapted to their needs.

At the end of the course, participants will be able to:

- Understand the fundamentals of the ArcGIS Maps SDK for JavaScript API
- Set up a cartographic Web page using this API
- Add data and manipulate it in this cartographic web page
- Master the basics of widget development using Experience Builder

TARGET AUDIENCE
All users

PREREQUISITES
Mastery of the ESRI environment and some notions of development

Come to the course with your own laptop and have the Administrator profile for your machine.

TEACHING RESOURCES
Software license provided: no

Digital training material given to trainees

Evaluation questionnaire and end-of-training certificate

DURATION   > 2 days (14h training)

RATES   > on quotation

TERMS AND CONDITIONS
No pre-requisite selection
Dates to be agreed

REGISTRATIONS
Email   > formation@arxit.com
Tel.   >+ 33 (0)5 46 34 07 71

For disabled access, please consult us.

CONTENTS

DAY 1
- Introduction: basic concepts of JavaScript and Web development (html, css)

- Discovering the ArcGIS Maps SDK for JavaScript API: presentation of the different functionalities

- Creating a mapping application using the ArcGIS Maps SDK for JavaScript API: API integration, setting up a simple map, adding backgrounds, adding data.

DAY 2
- Advanced data visualization: applying different types of visualization (clustering, heatmap, ...)

- Interacting with data: creating a popup to display attribute data and editing data

- Data processing: use of the GeometryEngine

- Going further with ArcGIS Experience Builder: setting up a development environment, creating a new application, administration interface, creating a widget