

QFIELD

OPENSOURCE SPATIAL DATA COLLECTION APP

TRAINING OBJECTIVES

This QField training session is intended for all people with a basic knowledge of office computing who know QGIS and who wish to set up geolocated data collection projects in the field.

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

- Install and configure the QFieldSync plugin in QGIS
- Install and set up QField
- Design a collection project and deploy it in QField
- Collect data in the field in QField
- Synchronize the data collected in QGIS
- Exploit the data collected in QGIS



TARGET AUDIENCE

All audiences



PREREQUISITE

Have a basic knowledge of computer science and QGIS

Come to training with your own laptop and have a QGIS version installed on your workstation



EDUCATIONAL RESOURCES

Digital course material given to the trainee (with concrete cases, practical exercises, technical sheets)

Evaluation questionnaires and certificate of completion of training



DURATION > 2 days



REGISTRATION

Email > formation@arxit.com

Consulting us for accessibility for people with disabilities

PROGRAM

DAY 1

GETTING STARTED AND INSTALLING

Conduct of a field mission

QGIS/QField operation

Installing QField

Installing the QFieldSync plugin in QGIS

IMPLEMENTATION OF THE COLLECTION PROJECT

Preparing a collection project in QGIS

GIS layer design

Implementation of an input form

Setting up editing widgets (drop-down lists, date, photo capture, etc.)

Setting up a basemap

DAY 2

PROJECT DEPLOYMENT AND COLLECTION

Configurations in QFieldSync in QGIS

Project scope settings

Managing actions on GIS layers

Managing the basemap (in offline mode)

Export of the collection project to QField

Opening a QField Project

Getting started with the interface

Setting up QField

Collection modes (manual vs. GPS)

Collect points, lines, polygons

Edit and delete collected entities

SYNCHRONIZATION OF THE COLLECTION PROJECT IN QGIS

QField - QGIS synchronization

Master database and slave database

Best practices

