![orsys TRAINING 50 YEARS]

Course : Bubble, getting started

Practical course - 3d - 21h00 - Ref. BBL
Price : 1900 CHF E.T.

This training course will help you get to grips with Bubble. You'll learn the basics of the platform and be able to start building an application, even without any programming knowledge. From the discovery of no-code to the exploration of the most advanced functionalities and data management, Bubble's assets will open the doors to application creation.

Teaching objectives

At the end of the training, the participant will be able to:

- Master Bubble's features and basics to create an interactive web application
- Designing web applications with Bubble
- Using a database with Bubble
- Workflow management with Bubble
- Connecting your site with APIs

Intended audience
Anyone wishing to develop a website without coding.

Prerequisites
Basic computer skills. Basic level of English. Good level of logic for the operation of workflows and the nesting of elements.

Practical details
Hands-on work
Training alternating theory and practice. Everything we learn is put into practice.

Course schedule

1   Discover no-code and Bubble

- History of no-code applications.
- What is Bubble (Platform as a Service)?
- Bubble's main competitors.
- What is an application?
- Bubble works in four layers.
- Bubble's limitations and prejudices.
- Here are a few examples of how Bubble has been used.

Hands-on work
Create an account and discover the Bubble environment.

2   Interface overview: Bubble's tabs

- The design tab: the editor.
- Workflow tab: workflows and interactions.
- The data tab: the database.
- The styles tab: the editor.
- The plug-ins tab: the library.
- The settings tab: the parameters.
- The logs tab: server-side activity.

Hands-on work
Discovering the interface.

3   Creating the first to-do list form: first demonstration

- Page creation.
- Useful elements for creating a form.
- Creation of the first databases and data.
- Understand the logic of interactions with workflows.

Hands-on work
Library project: creation of the book form (design part, then data and workflow).

4   Data display and use

- Present data in tabular form.
- Use of repeating groups.
- Understanding the relationship between containers.

Hands-on work
Library project: displaying the book chart.

5   Understanding data management

- Create different data tables with their attributes.
- Data creation, reading, modification and deletion (CRUD).
- The relationship between tables.
- How to sort and filter data.

Hands-on work
Library project: tags and themes (books) added, library table created.

(6) **Page and element formatting**

- Using styles.
- Page layout with containers and layouts.
- Implementation of responsive design.

Hands-on work
Library project: creation of a header and a burger menu.

(7) **Interactivity in the application**

- Examples of workflow applications.
- Send data to pages for dynamic page creation.

Hands-on work
Library project: creation of a book page.

(8) **Creating a connection system**

- Elements of the connection process in Bubble.
- The use of conditions in elements or workflows.

Hands-on work
Library project: creation of a connection process.

(9) **Advanced functions**

- Reusable elements: create, modify and use them.
- Set options for static data.
- Customs states for temporary data.
- Issues and debugging: using them to solve problems and errors.
- Development of the search system.
- Security and privacy rules: protecting data.
- Style creation for assertive design.
- Search system: how to search databases.
- Application functions: Google Maps, calendar, messaging, online publishing, pricing...

Hands-on work
Library project: using customs states and research.

(10) **Using plug-ins to add functionality**

- Install and use plug-ins.
- API Connector: to connect your application to APIs.
- What is an API?
- Different types of authentication.
- Parameter management.
- Display of API feedback.

Hands-on work
Exercise on APIs, retrieving external data in real time.

Dates and locations

REMOTE CLASS
2026 : 9 Mar., 1 June, 5 Oct.