What is Xojo?

Xojo is an easy-to-use development tool that lets you build desktop, mobile, and web applications. It supports macOS, Windows, Linux, and iOS.

Xojo has an integrated development environment (IDE) that lets you design your application's user interface graphically:

1) Pick the controls you need (buttons, listboxes, text fields etc.) Xojo offers over 40 built-in user interface controls. Drop them onto your design space. Size and position them the way you want.

2) Add the events you want to respond to (open, close, gotfocus, lostfocus, click, double-click, paint, etc.)

3) Write some BASIC-like code to respond to the events.

4) Run your application and test it to see if it does what you want. Make changes if needed.

5) Compile your application to create a stand-alone executable that can be distributed to others.

Xojo supports Object Oriented Programming (OOP) which allows you to create what are essentially small self contained sub-programs that can be used within your main application. The primary advantage of OOP is that it lets you isolate portions of your application so that these smaller sub-programs contain their own private variables and code.

Xojo lets you create web applications. Xojo web applications are similar to regular Xojo desktop applications. What makes a Xojo web application unique is that the user interface for your application is displayed in a web browser. Which means that you can install your Xojo application on a single computer and multiple users can access it remotely using their web browser.

Xojo recently added support for the Raspberry Pi, a low cost, credit card sized computer that is wildly popular with students and makers of all types. A unique feature of the Raspberry Pi is its 40 pin general purpose I/O port which lets you connect and control external hardware. Xojo makes it possible to build desktop, web, and console apps for the Raspberry Pi. Raspberry Pi apps can be created using Xojo's IDE, and you can even debug these apps remotely.

Xojo is a commercial product but you can download and use it free of charge. You can create applications and run them from the Xojo IDE without restriction. When you decide that you want to create stand-alone applications that run without the Xojo IDE you will need to purchase a Xojo license.

Download Xojo:

https://www.xojo.com/download/

Free Xojo introduction ebook:

http://cdn.xojo.com/Documentation/IntroductionToProgramming/IntroductionToProgramming
WithXojo-PDF.zip

Xojo Website:

https://www.xojo.com/

Xojo discussion forum:

https://forum.xojo.com/

Example web application:

https://demos.xojo.com/EEWeb/#10046

My Xojo/RaspberryPi project:

https://www.lifeofpi.blog/