

# Sound BOARDS



*Create our soundboard! Then make your own!*

# *Welcome to the LiveCode Hour of Code!*

In the next hour, we will create a soundboard app in LiveCode. Soundboard apps have preset sounds that you can play by tapping your app.

These apps are a great tool often used by DJs and Podcasters so they can easily play sounds at appropriate moments in a show.

The first soundboard app we will be creating is a basic soundboard app that plays animal sounds.

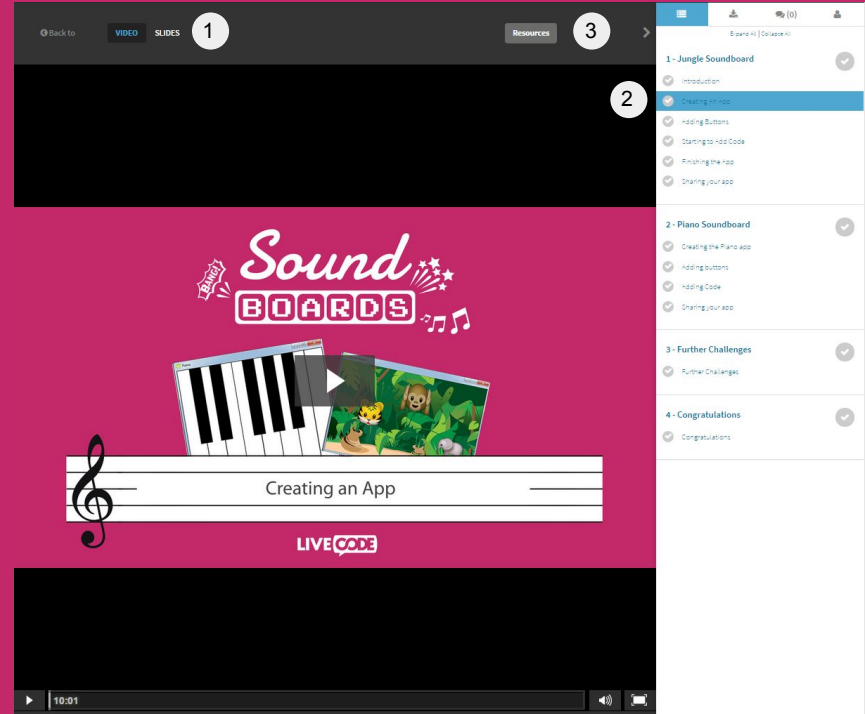


# Let's Get Started!

We'll lead you through the creation of your soundboard app one step at a time(1).

Each step has a set of slides and an accompanying video, which you can switch between(2).

Some steps will ask you to download extra files, images, sound clips etc. These can be found in the Resources tab(3).



# *What is LiveCode?*

The LiveCode platform allows you to create apps for desktops, notebooks, tablets, and phones on either a Windows, Mac, or Linux machine. You can run your app on Android, iOS, Mac, Windows, and Linux!



**Android**



**iOS**



**Linux**



**Mac**



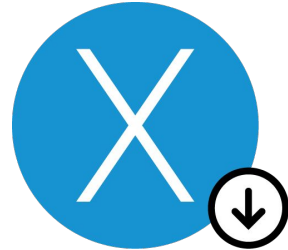
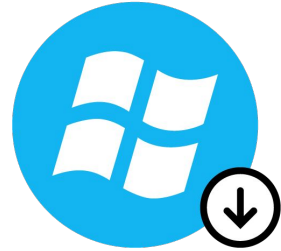
**Windows**

# *Installing LiveCode*

First, we will need to download and install LiveCode onto the machine we are working on.

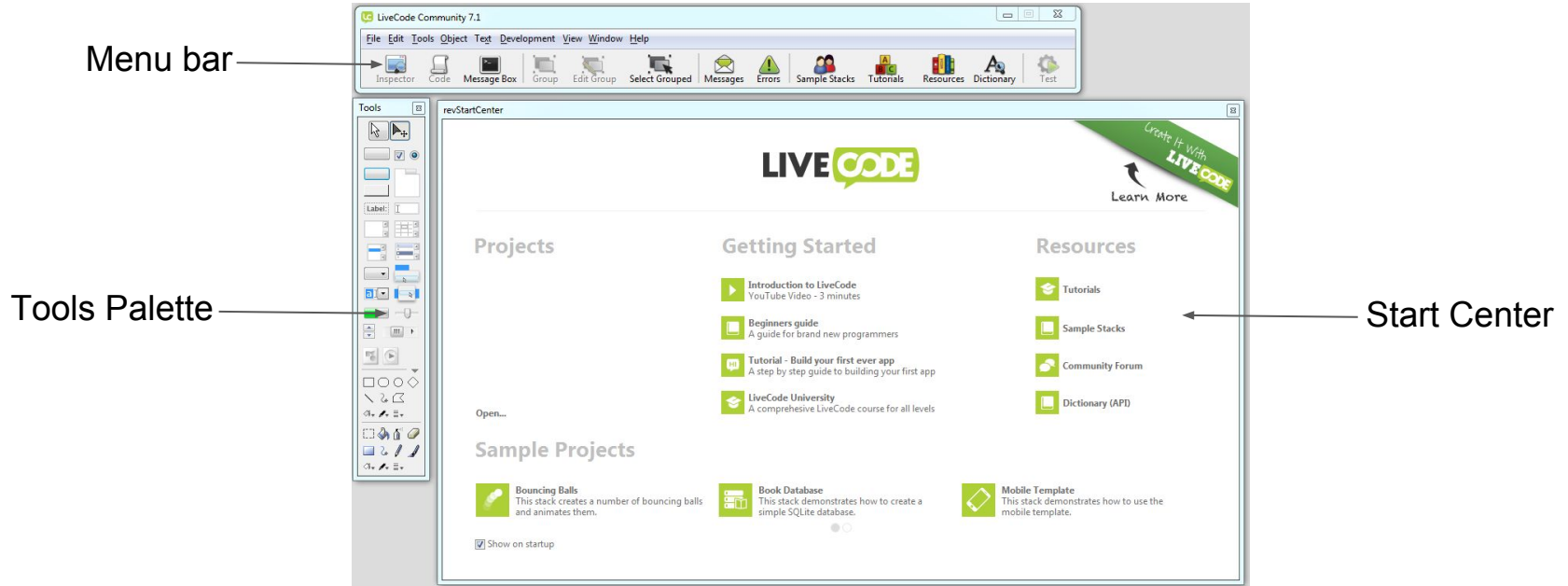
**Click on the Windows or Mac icon on the right to download the installer.**

Once downloaded, open the installer and follow the instructions! We now have LiveCode ready to use, so after a quick introduction to the LiveCode app, we will get going!



# The LiveCode IDE

Now that we have LiveCode installed, we can open the app! When we first open the LiveCode app, we see something similar to the the screen below:



# *The LiveCode IDE*

**IDE** stands for integrated development environment. This is just a fancy way of saying that we will do all of the development for an app here.

- **The Menubar** - The menubar provides quick and easy access to the tools we will use the most.
- **The Tools Palette** - The tools palette lets us create the layout of an app. We drag out controls from here straight on to our app.
- **The Start Center** - This window has links to your recent projects, the LiveCode forum, learning resources, example stacks, and more. We will not be using this, so we can close the window now.



# *A Quick Note on the Tools Palette*

When we first open LiveCode, it is in **Edit** mode by default. In **Edit** mode, we can create and edit objects on our app.

Switching to **Run** mode lets us interact with our app as a user.

Switching back to **Edit** mode lets us make any changes. Then we can switch back to **Run** mode to check the changes... and so on...

The first tools we need to get to know can be found at the very top of the tools palette:

The **Run** or **Browse** Tool (the arrow)

The **Edit** or **Pointer** Tool (the arrow with crosshair)





# *Let's Get Started!*

Now that we have installed LiveCode and have had a brief introduction to the IDE, let's go ahead and start creating our soundboard app!

For each step, we suggest following the slides and using the videos for reference if you need more instruction. If you do use the videos remember you can always pause the video, make the change, and then start the video again.

If you are working in a pair, alternate who is in charge of the mouse and the keyboard for each step, so switch over now before we begin the next step!





**Well Done**



# Section Complete



*Save Your Work*



*Pawns Swap*