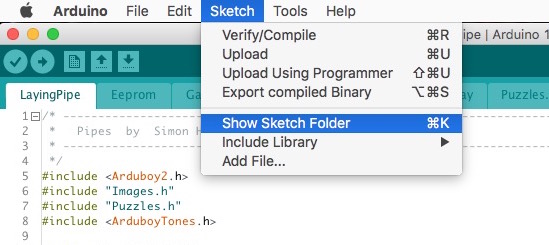
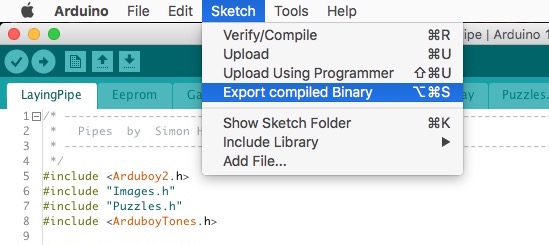
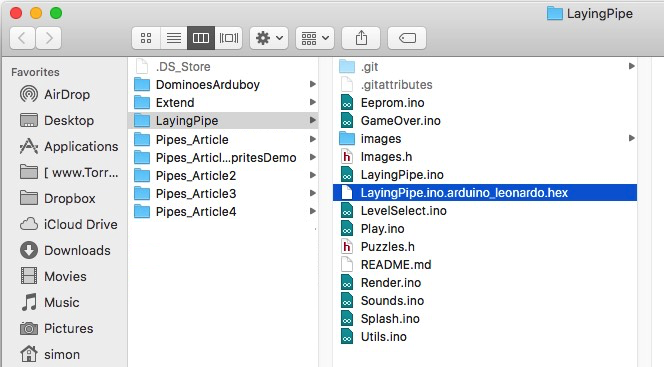
Creating a Hex File







Creating an Arduboy file.

An .arduboy file is an archive file (zip file) that contains the HEX file created in the previous step along with a metadata file that describes the program in a standard format. Optionally, the archive can contain a banner image and one or more screenshots of the game in action. The .arduboy format was developed by the community to allow game loaders, such as @crait’s *Arduboy Manager*, TeamARG’s *Game Loader* or @ereid’s *Arduboy Uploader*, to be able to catalogue and display a library of games in a nice format.

More information about the standard and TeamARG’s *Game Loader* can be found here

<http://www.team-arg.org/AGL-technical.html>

As mentioned, the

Using [Jeremy Dorn4](http://jeremydorn.com/) his JSON editor, we are providing a form where you can fill out all fields and it will create a correct json schema, you then can copy paste in your own info.json file. Because of the nature of the link, I had to shrink the link with TinyURL.

[http://tinyurl.com/jkw9vpf24](http://tinyurl.com/jkw9vpf)

{

  "schemaVersion": 2,

  "title" : "Pipes",

  "description" : "The classic pipe laying game for the Arduboy.",

  "version" : "1.0.0",

  "device" : "Arduboy",

  "author" : "Filmote",

  "url" : "<https://github.com/filmote/LayingPipe>",

  "sourceUrl" : "<https://github.com/filmote/LayingPipe>",

  "genre" : "Puzzle",

  "date" : "2017-06-28",

  "banner": "banner.png",

  "screenshots": [

    { "title": "Title Screen", "filename": "screenshot00.png" },

    { "title": "Level Select", "filename": "screenshot01.png" },

    { "title": "Simple Game", "filename": "screenshot02.png" },

    { "title": "Complex Game", "filename": "screenshot03.png" }

  ],

  "buttons": [

    { "control": "Down",    "action": "Down" },

    { "control": "Up",      "action": "Up" },

    { "control": "Left",    "action": "Left" },

    { "control": "Right",   "action": "Right" },

    { "control": "A",       "action": "Select" },

    { "control": "B",       "action": "Back" }

  ] ,

"binaries": [

{"title": "The Game",

"filename": "Dominoes.hex",

"device": "Arduboy" }

]

}

You can use zip command in Terminal to zip the files without the *.DS\_Store*, *\_\_MACOSX* and other .\* files.

Open Terminal (search for terminal in spotlight)

Navigate to the folder you want to zip using the cd command

Paste this zip -r dir.zip . -x ".\*" -x "\_\_MACOSX"

Example: Let's say you have a folder on your desktop called Folder with stuff to zip.

Open terminal and write following commands:

cd Desktop/Folder

zip -r dir.zip . -x ".\*" -x "\_\_MACOSX"

Now you have a file called dir.zip without *\_\_MACOSX* and .\* files in the folder Folder on your desktop.