

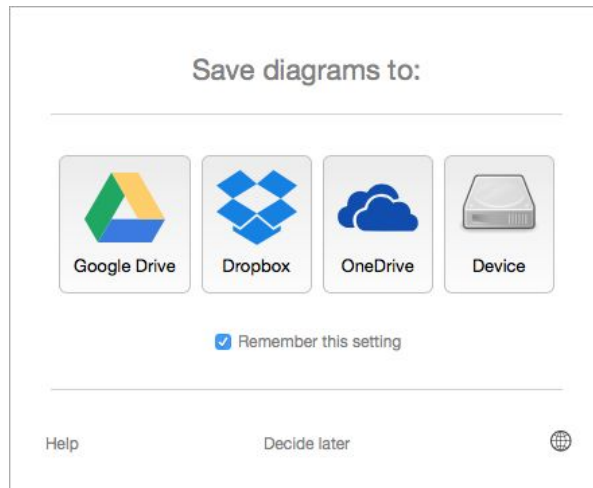
## CS220 - Documentation Instructions

### Step 1: Download Draw.IO file

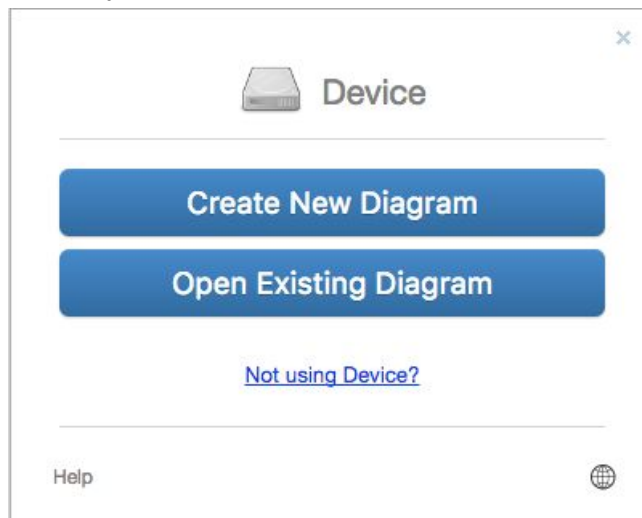
- Homework 1 you will be given *documentation.xml* to use:
  - You can find this file under Homework # 1's files on Blackboard
  - It contains space for each chip to document
  - You can use the legend above by copying the chip you need and pasting it into the "black box" diagram you'd like to diagram
  - The rest of the tutorial will instruct you based on the *documentation.xml*
- There is also a general template in the Homeworks folder: *documentation\_temp.xml*
  - If you decide to use this file, copy it to your homework folder on your computer and rename it to *documentation.xml*, then you can proceed exactly below.

### Step 2: Go to Draw.io

- Point your preferred browser to <http://draw.io> , the first time you use it you should see:



- You can choose to organize your files in any of the above services, but for simplicities sake we will choose Device (if you choose any of the others, store the XML files in the appropriate location you'd like)
- After selecting Device, you will see:

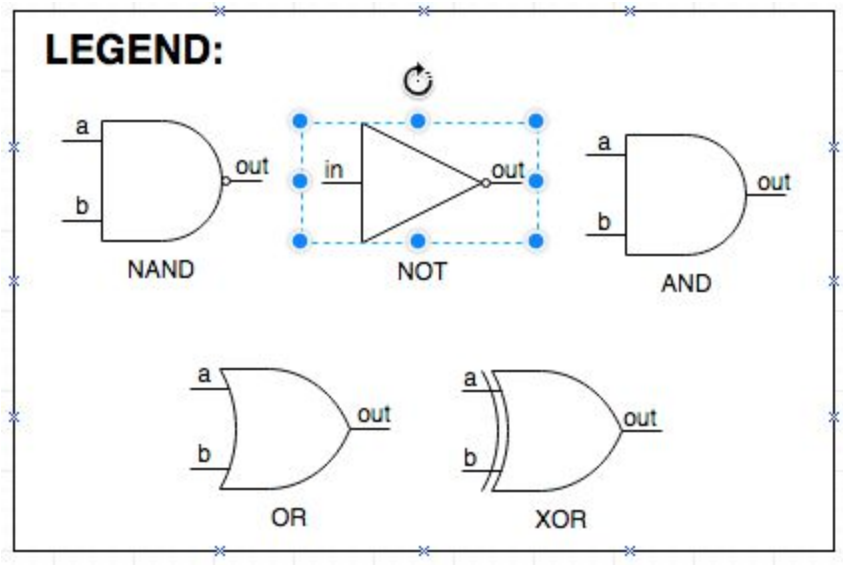


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- Select “Open Existing Diagram” and locate your XML file (*documentation.xml*)

### Step 3: Edit/Complete Documentation

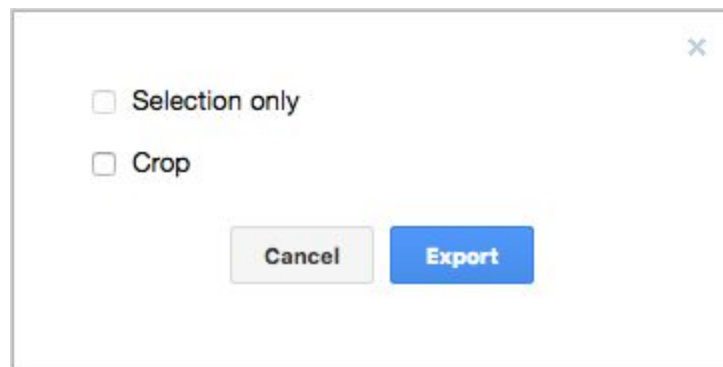
- Fill out the author information in the space provided in the top right corner
- Note the legend in the top left corner, you can use this to easily copy and paste the chips you need into your chip implementation documentation:



- For example:
  - Single-click a chip, copy (Ctrl+C), and paste (Ctrl+V)
  - Move chip to desired location
  - Repeat steps above, connect chips with additional lines and add additional text for naming the connections between each tip. This will definitely help you when you are writing the code after!

### Step 4: Download Deliverable Documentation

- When you are done with your documentation, select File > Export As > PDF...
- A dialog box will open:



- Make sure “Selection Only” is NOT selected, you may crop if you wish but is unnecessary. Click on Export and you will download a PDF of your documentation
- Make sure to rename the file to *documentation.pdf* so it is ready for submission.