Setting Up Testing Environment
for LPC Web Server Program

Wireless AP

LPC1769 Prototype System

Console (Laptop Computer)

Ethernet cable

USB cable

Ethernet cable or wifi link

Laptop Computer
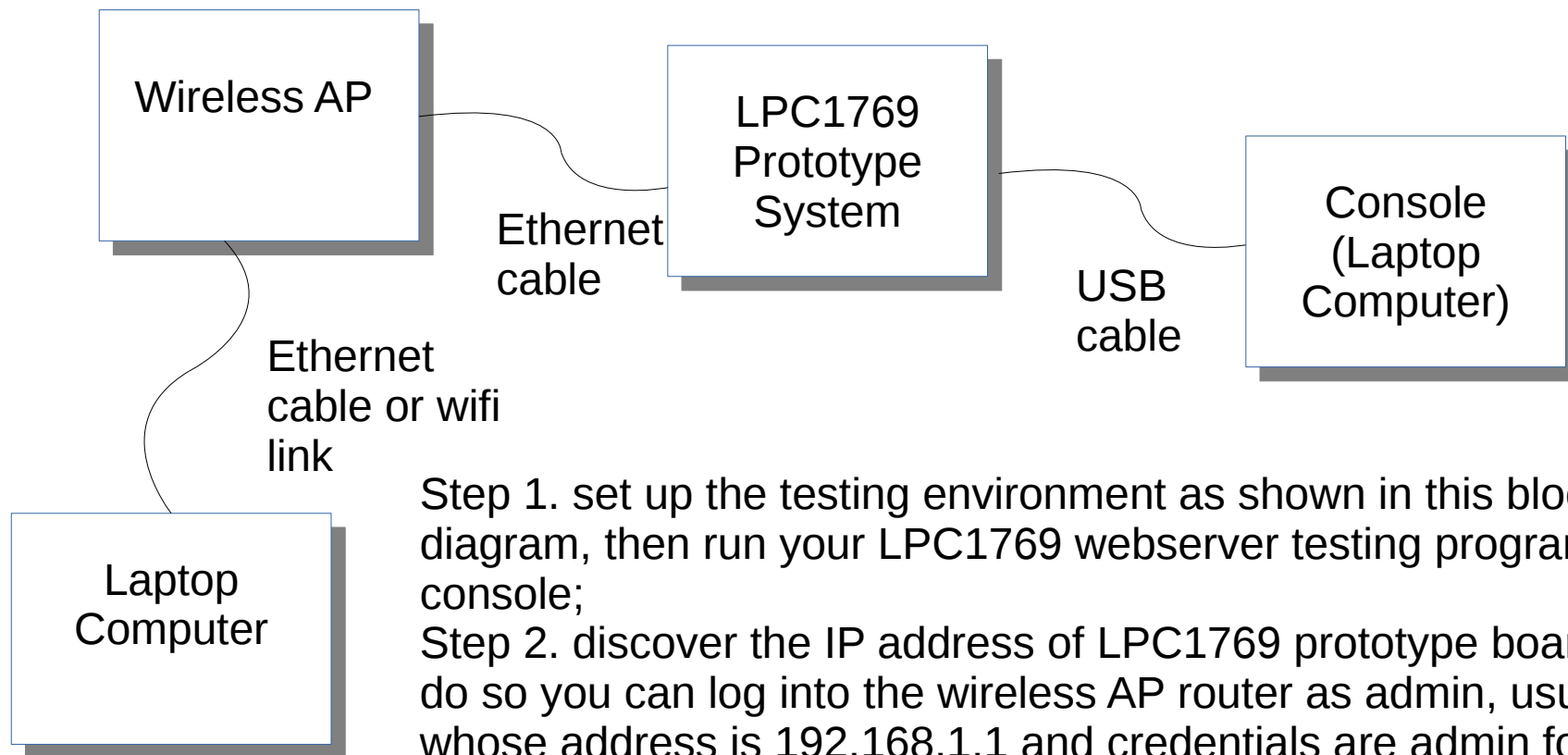
Step 1. set up the testing environment as shown in this block diagram, then run your LPC1769 webserver testing program via console;

Step 2. discover the IP address of LPC1769 prototype board, to do so you can log into the wireless AP router as admin, usually, whose address is 192.168.1.1 and credentials are admin for both user name and password; Once you log in the AP router, you can inspect all the IP devices attached to the AP router, you can find the LPC1769 prototype board there, see photo on the next slide.

Step 3. Once LPC1769 board IP address is found, for example, 192.168.1.105, then use your browser to point to http://192.168.1.105 then hit return, you will see the web page.

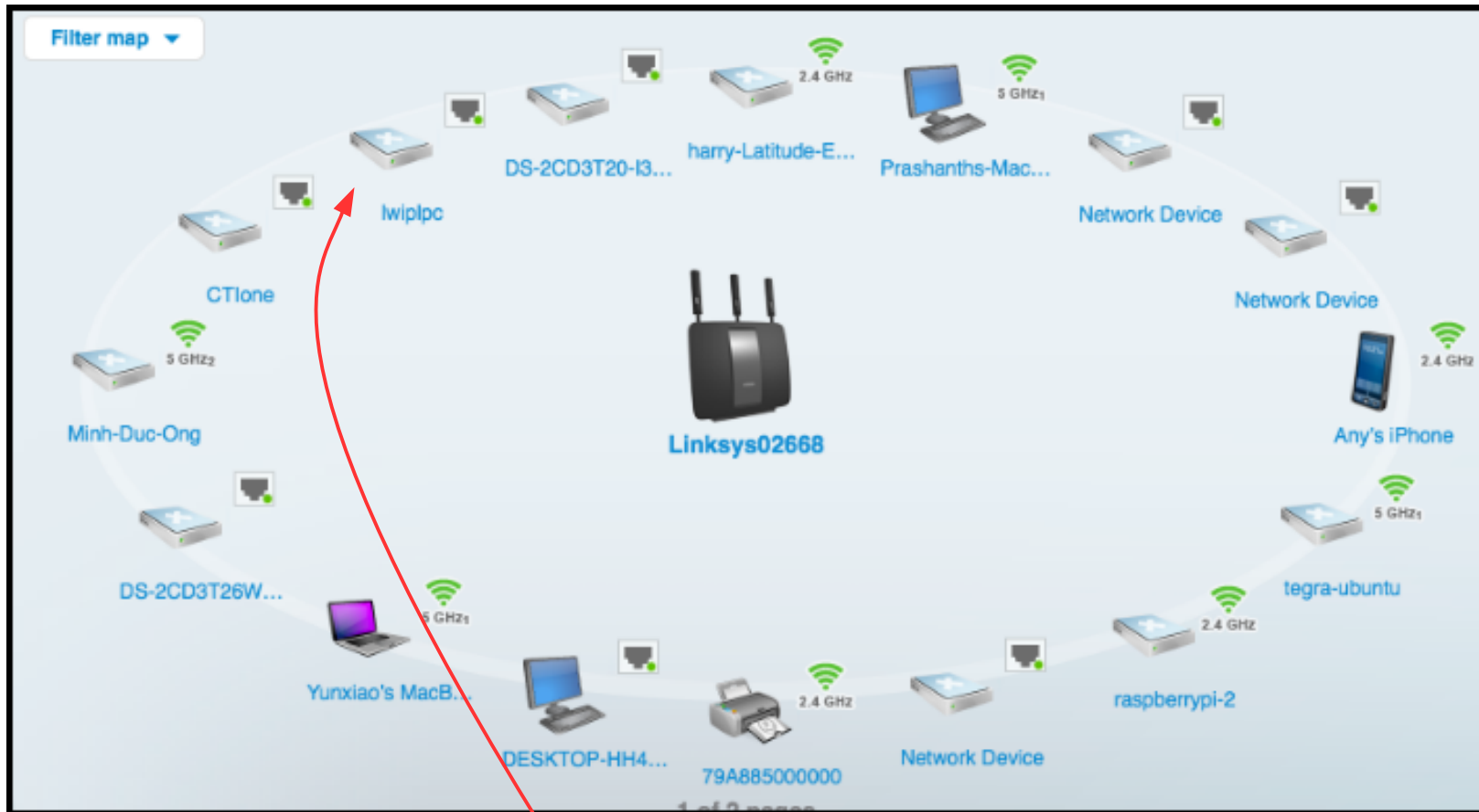*Harry Li, Ph.D*

Find LPC IP Address (1)
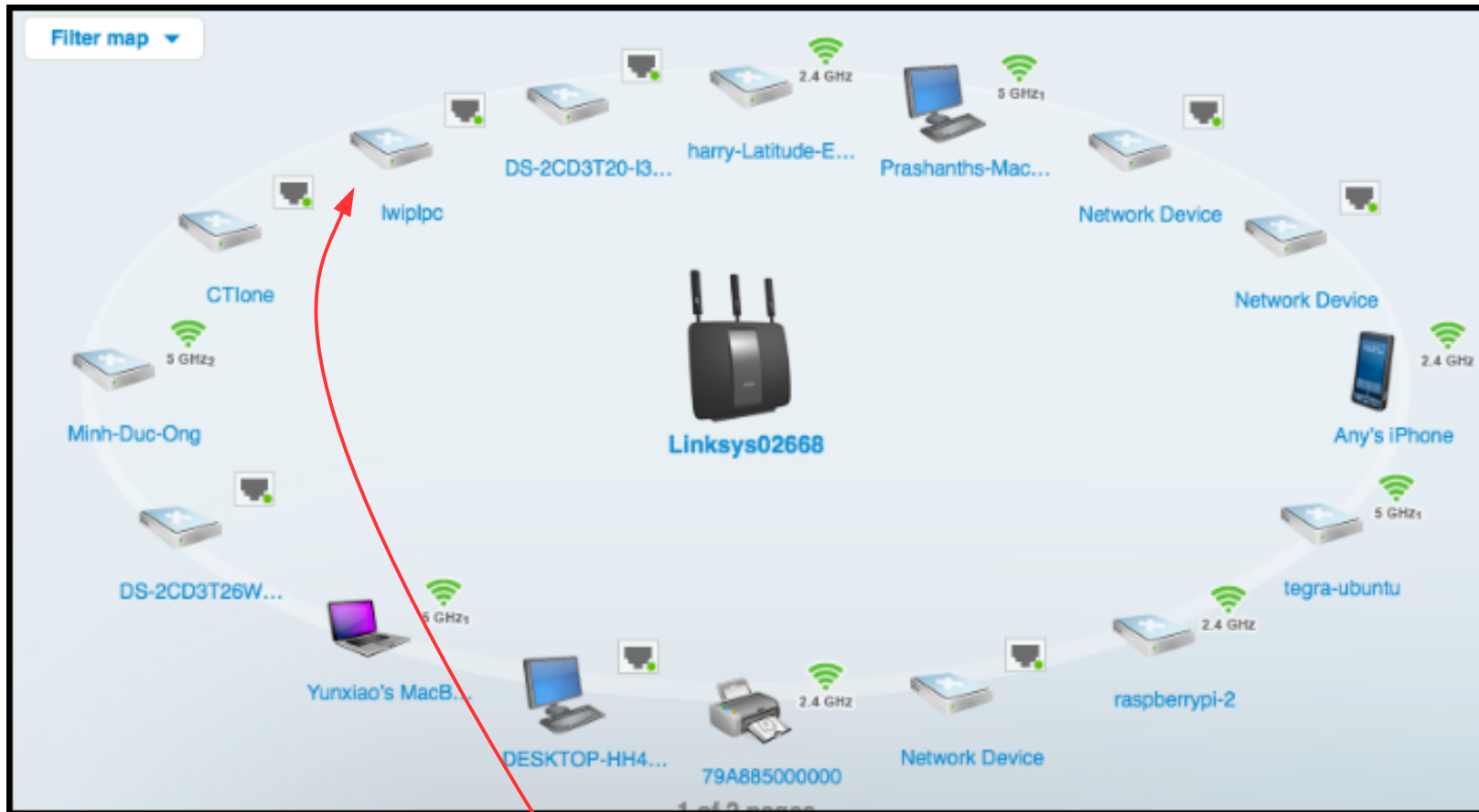
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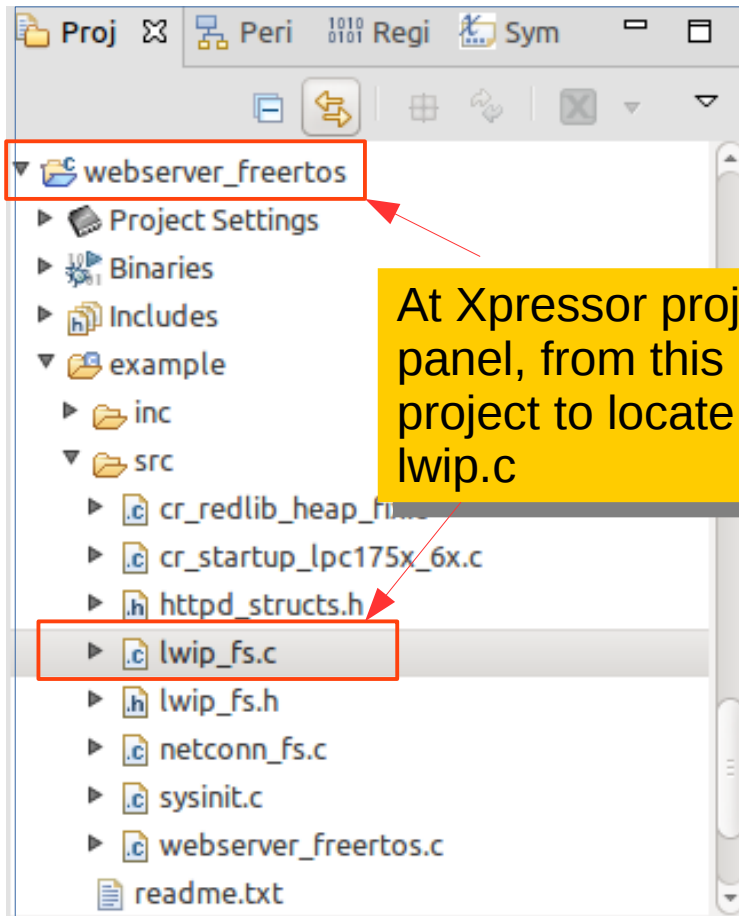
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Find LPC IP Address (2)

Once you log in the AP router, you can inspect all the IP devices attached to the AP router, you can find the LPC1769 prototype board there then its IP address

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Find LPC IP Address

Step 2. discover the IP address of LPC1769 prototype board, to do so you can log into the wireless AP router as admin, usually, whose address is 192.168.1.1 and credentials are admin for both user name and password; Once you log in the AP router, you can inspect all the IP devices attached to the AP router, you can find the LPC1769 prototype board there, see photo on the next slide.

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Customize LPC Web Server Program

At Xpressor project panel, from this project to locate the lwip.c

Now you can change the webpage index html message from here: line 56-59.

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