

Name: James Coleman
Class of works: 3,5,4

Introduction

Ever since I was a kid, I loved computers. I learned more about them by taking them apart, putting them back together, and modifying them. Then I recently got into programming. I started out playing around with coding in scripting languages, which now I know is not that great. Then I moved onward to a real programming language such as C and Objective-C. This taught me a lot. I was able to actually make the computer do things which I never thought was possible, including improving the way I use it.

Class 5

Now that I have an iPod Touch, I have jailbroken it so I can modify it and make it do things which is not possible with applications available via the App Store. I have done many things to improve the way I interact with it, such as making it so I can copy a file to it quickly and open it on the device. Apple's iTunes makes you go through many more steps. I have also made it quick for me to change the brightness of the screen by installing a tool called SBSettings. This tool is very handy, giving you a list of things you can do to the settings by simply swiping at the top of the screen. This has made life a lot simpler. If I want to turn off bluetooth now, I don't have to go to the home screen and find the settings app. I am learning more by modifying things such as how to do networking and how to make it faster.

I plan to buy the next iPad Apple releases and I would love to jailbreak it so I can write custom software for it without paying \$99 to Apple just to be able to write my own things which I will make no money off of and to install the same tools I use on my iPod to make my life easier.

Class 3

My family recently got an Play Station 3. This is a pretty powerful machine for gaming and almost for video. The only thing stopping it from becoming better is the fact that you cannot jailbreak it. If we could jailbreak it, we can put Linux back on it, as Sony removed that possibility in updates, and do more things such as browse the web using a better web browser and watching web content such as live T.V. By having Linux on it, we can also program on it and use it like a real computer. Sony has not taken the effort to improve their web browser in years. It's currently the worst web browser that is current and it does not support the newest version of Flash which most websites today use Flash 10 or later.

Class 4

The operating system Android has been great recently. People with Apple Device such as my self may want to try it out, but the thing is we don't have an Android device and we don't want to waste our money on having both an Apple device and and Android device. So having the ability to install other operating systems would be great. Putting Apple's OS on an android device is different because it is not fully open source where as Android is. There has been people making the port which is known as iDroid and they can because Android is Open Source. Their steps include writing a new boot loader for Apple Devices, writing drivers for Apple's hardware, and compiling Android. This is in no way copying Apple's software and redistributing it to other people as these people wrote all of this on their own time.

As with my comments on Class 3 with the ability to modify the Play Station 3. It would also be nice for some people who only want the Play Station 3 for the hardware for complex math equations and other things. I know some companies have clustered together many Play Station 3's together and used it to find problems in code to help improve security. To get the full power of this, you need the ability to install and replace the Operating System that Sony has stock with the device.

Summary

Class 5 Modifying the iPhone/iPod/iPad allows us to write software and learn about writing software for the device without paying a premium to use our minds and provides better ways to access data and work in the device.

Class 3 Modifying the Play Station 3 allows us to install other operating systems via virtual machines and provides us

with the ability to write games and other software for the device and learn more about software development.

Class 4 Installing other operating systems allows us to get the full potential of the hardware and use software we want.

Factual Support

I now have a good job which pays well for my age and I would have never got here if I had been limited to what I can do with the devices I had. I couldn't have learned to code without the ability to code, I would not know how to fix things without causing problems by taking apart things and putting them back together wrong, I would not be able to learn as quickly from my mistakes when modifying and seeing a pattern in how things work. Without modifying, I do not know where I would be.

The freedom to modify needs to live.