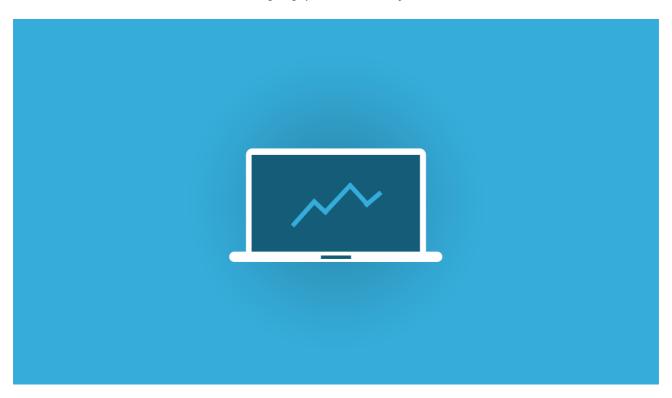
How to learn any new programming language (checklist)

So you want to learn Javascript, C#, Mono, Perl, Python, Boo, PHP, Whatever (well, I don't know if Whatever is a language), here is what you need to know.



Background

I Googled, and didn't find anything that had a step by step, structured way to learn a new programming language. So this is
my attempt to capture the process as best as possible. It is especially clear in my head at the moment, because I'm in the
process of adding Ruby to my arsenal. From a distance, Python still looks cleaner, but my curiousity about rails has got the
better of me.

Level 1 - Get the Basics			
	Basic Syntax - All languages have a structure, a way that commands are written. Learn it, is indentation important? Do they have special symbols e.g. ';' or '_'. Keep paying attention to this throughout your learning (learn how to use comments).		
	Learn Data Types - The typical data types include: Strings and Integers, other types vary in name and function from language to language, learn what a type is.		
	Learn Variables - It is important to understand what variables are, how they are used and represented, are they dynamically typed? are they loosely typed? There's a difference.		
	Learn Operators - This is the "mathy" stuff -,+,* etc		
	Learn Flow Control - Look for information on loops, if-then and others.		
	Learn Basic Data Structures - Find out what are the basic data structures of the language, these could be lists, arrays, dictionaries, hashes. The names and features will vary by language.		

Level 2	
Learn Objects and Classes	
Learn Exception/Error Handling	
Learn Data Structures and Algorithms	
Learn Design Patterns - Many problems in software development fit your code more reusable between projects.	into a particular 'pattern', Design patterns help to make Make and Share Free Checklists
	checkli.com