



Intro to .NET

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About Me

- UQCS Secretary
- Dev @ Redback Technologies
- Windows
- Visual Studio/VS Code
- 4 Spaces



What is .NET?

- I couldn't find an exact definition
- Essentially it is an ecosystem encompassing the standard library, runtimes, development tools, languages.
- Examples:
 - .NET Core: Cross-Platform, but fairly new
 - .NET Framework: Windows only, very mature
 - UWP: Touch-enabled Windows applications
 - Mono: Cross-Platform, open source



I thought .NET was C#???

- C# is a programming language that typically runs on a .NET Implementation.
- C# is the most popular .NET language, but there are others, for example F# and Visual Basic.
- In this talk I will be using C# 7 on .NET Core 2.0



C# vs Java Hello World

- C# looks a *lot* like Java

```
// C#
public class HelloWorld {
    public static void Main() {
        System.Console.WriteLine("Hello World!");
    }
}
```

```
// Java
public class HelloWorld {
    public static void main(String[] args) {
        System.out.println("Hello World!");
    }
}
```



How can I use it?

- Go to <http://dot.net>
- This has links to everything you may need
 - .NET Core
 - VS Code, or Visual Studio
- I will now walk through how to start writing and using .NET Core on Visual Studio Code