SoluHio

Programa Académico en Tecnologías Microsoft

Universidad Politécnica de Madrid

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Microsoft

Agenda

Agenda del día

- Microsoft Learning
- Microsoft Virtual Academy.
- Microsoft Press.
- Microsoft Certifications.
- Microsoft .NET eliminando mitos.

Microsoft

Traducir esta página | Javier

Learning

Inicio | Cursos | Certificaciones y exámenes | Ofertas especiales | Sus ventajas y exámenes | Más

Buscar certificaciones

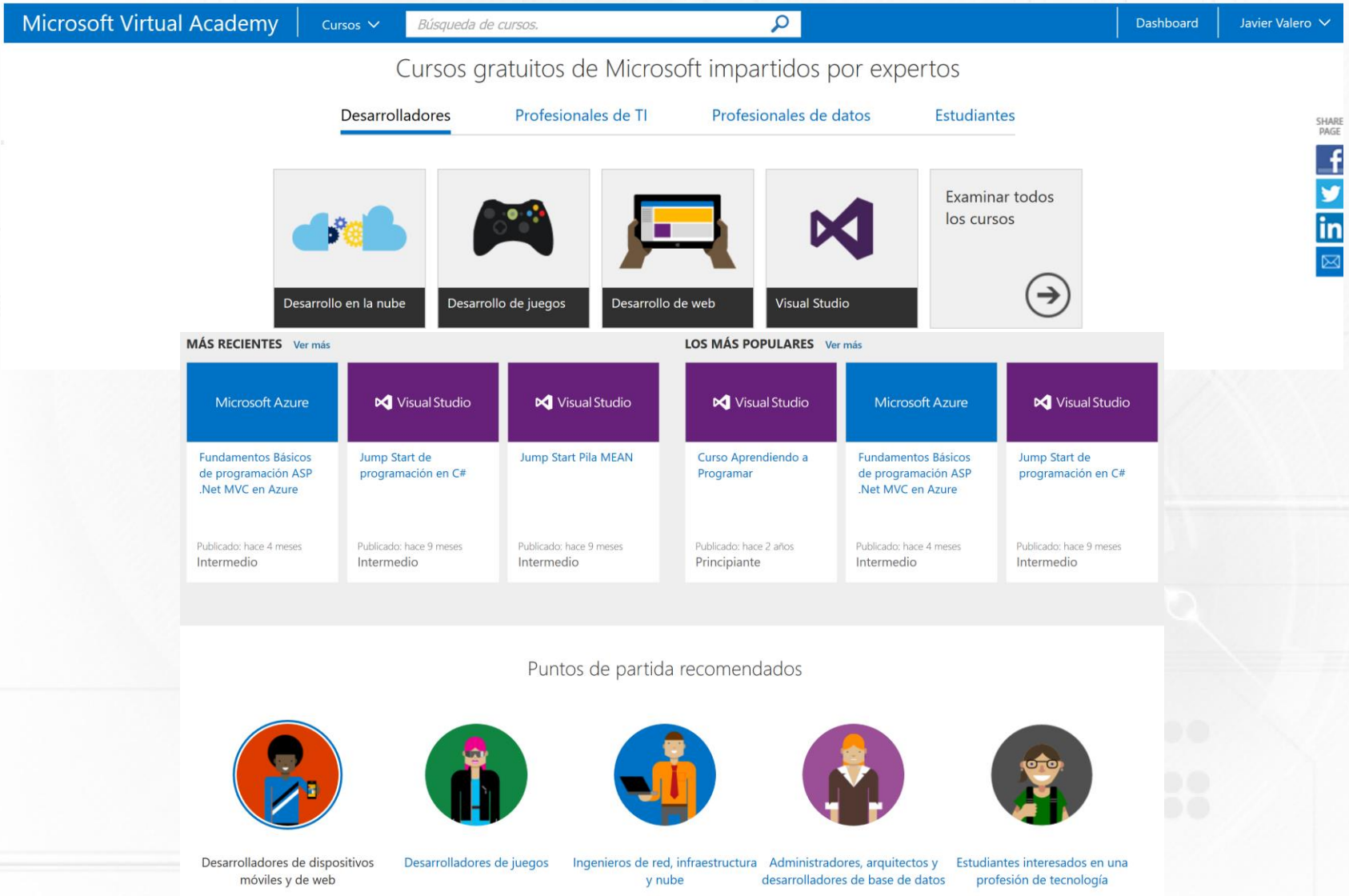
Buscar cursos

Registrarse en un examen

Formación online, en cualquier momento y lugar

Realice un curso Microsoft Official Course On-Demand: con su propio horario

Más información


Microsoft Virtual Academy
Cursos
Búsqueda de cursos.
Dashboard
Javier Valero
Cursos gratuitos de Microsoft impartidos por expertos
Desarrolladores
Profesionales de TI
Profesionales de datos
Estudiantes
SHARE PAGE
Desarrollo en la nube
Desarrollo de juegos
Desarrollo de web
Visual Studio
Examinar todos los cursos
MÁS RECIENTES Ver más
LOS MÁS POPULARES Ver más
Microsoft Azure
Fundamentos Básicos de programación ASP .Net MVC en Azure
Publicado: hace 4 meses
Intermedio
Visual Studio
Jump Start de programación en C#
Publicado: hace 9 meses
Intermedio
Visual Studio
Jump Start Pila MEAN
Publicado: hace 9 meses
Intermedio
Visual Studio
Curso Aprendiendo a Programar
Publicado: hace 2 años
Principiante
Microsoft Azure
Fundamentos Básicos de programación ASP .Net MVC en Azure
Publicado: hace 4 meses
Intermedio
Visual Studio
Jump Start de programación en C#
Publicado: hace 9 meses
Intermedio
Puntos de partida recomendados
Desarrolladores de dispositivos móviles y de web
Desarrolladores de juegos
Ingenieros de red, infraestructura y nube
Administradores, arquitectos y desarrolladores de base de datos
Estudiantes interesados en una profesión de tecnología

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Learning

Inicio | Cursos | Certificaciones y exámenes | Ofertas especiales | Sus ventajas y exámenes | Más

Certificaciones y exámenes > Resumen de certificaciones

Encuentre la certificación de TI adecuada

Microsoft ofrece una amplia gama de programas de certificación online diseñados para llevar sus conocimientos de TI, y su carrera profesional, al siguiente nivel. Para ver las opciones de certificación MCP, haga clic en una categoría.

Server
Windows Server, Exchange Server, Lync, SharePoint, Microsoft Azure

Desktop
Windows, dispositivos

Aplicaciones
Office, Office 365, Microsoft Dynamics

Base de datos
SQL Server

Desarrollador
Visual Studio, SharePoint Applications, Microsoft Azure

Solutio

Trayectoria de certificación para desarrolladores

Por nivel de experiencia, elija una certificación para ver sus detalles y los exámenes necesarios.

MTA

Microsoft Technology Associate

Principios básicos de TI

Empiece aquí para validar sus conocimientos sobre conceptos tecnológicos básicos. **Nota** Los exámenes MTA no son aptos para la certificación MCP ni son obligatorios para obtener la certificación MCSA o MCSE.

MTA: Desarrollador

MCSD

Solutions Developer

El criterio reconocido globalmente para la excelencia del desarrollador

Valide su capacidad para diseñar y crear soluciones que van más allá de los límites tradicionales de la plataforma.

MCSD: Windows Store Apps

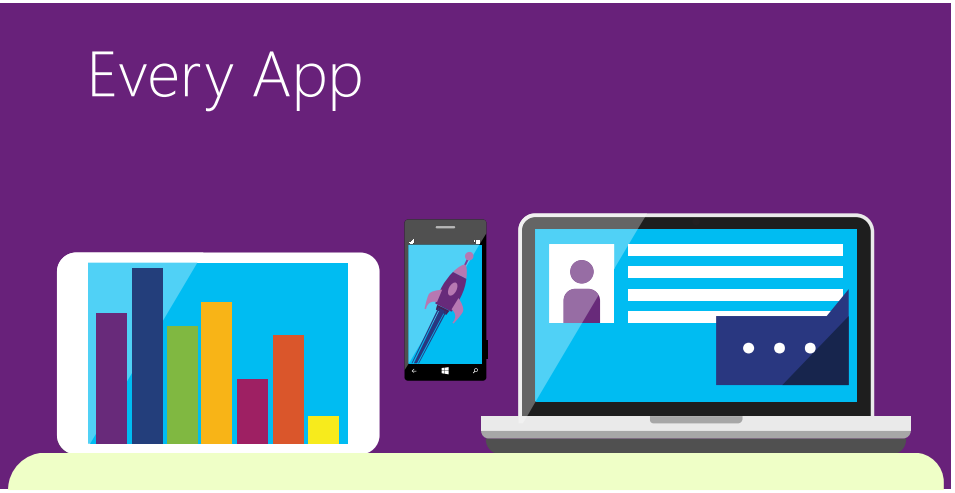
MCSD: Web Applications

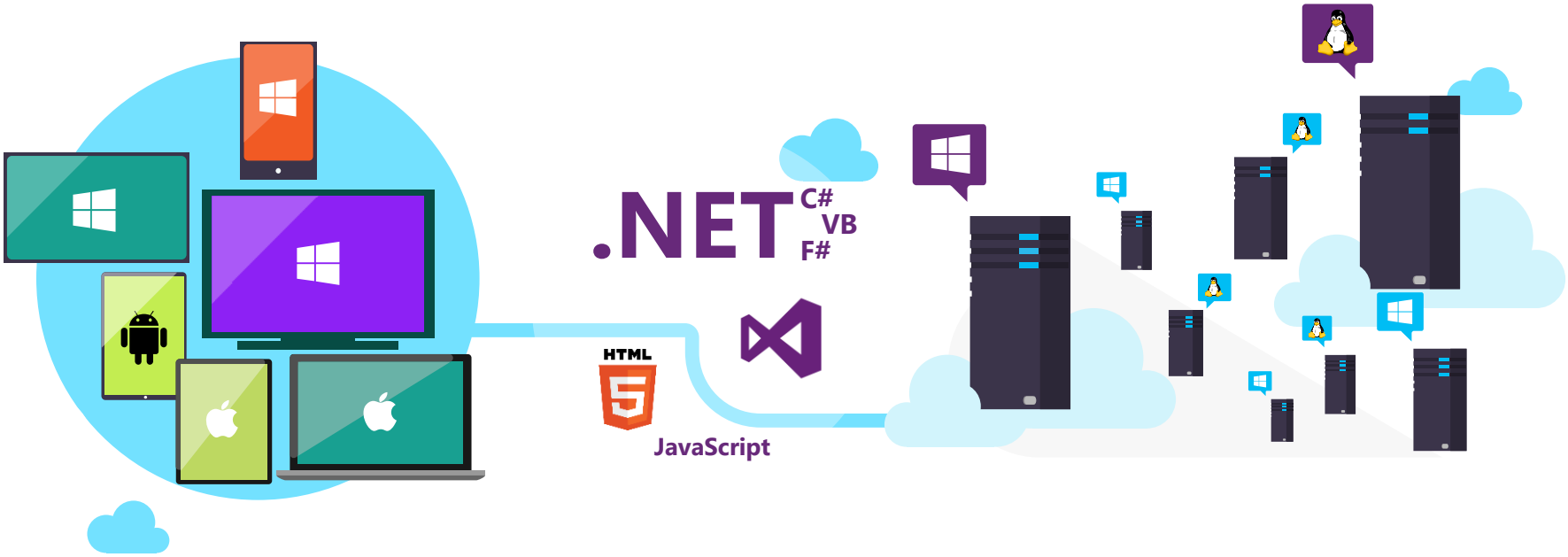
MCSD: SharePoint Applications

MCSD: Application Lifecycle Management

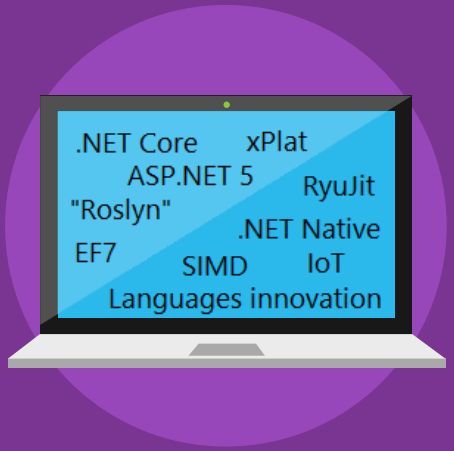
MCSD: Azure Solutions Architect

Microsoft vision



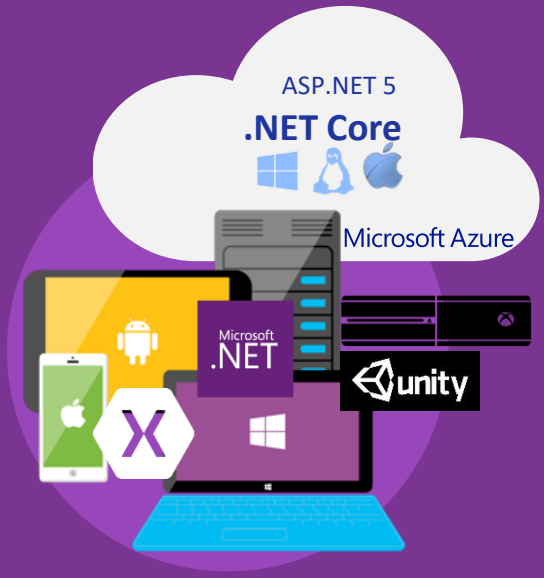

.NET
C#
VB
F#
HTML
JavaScript

The road ahead for .NET



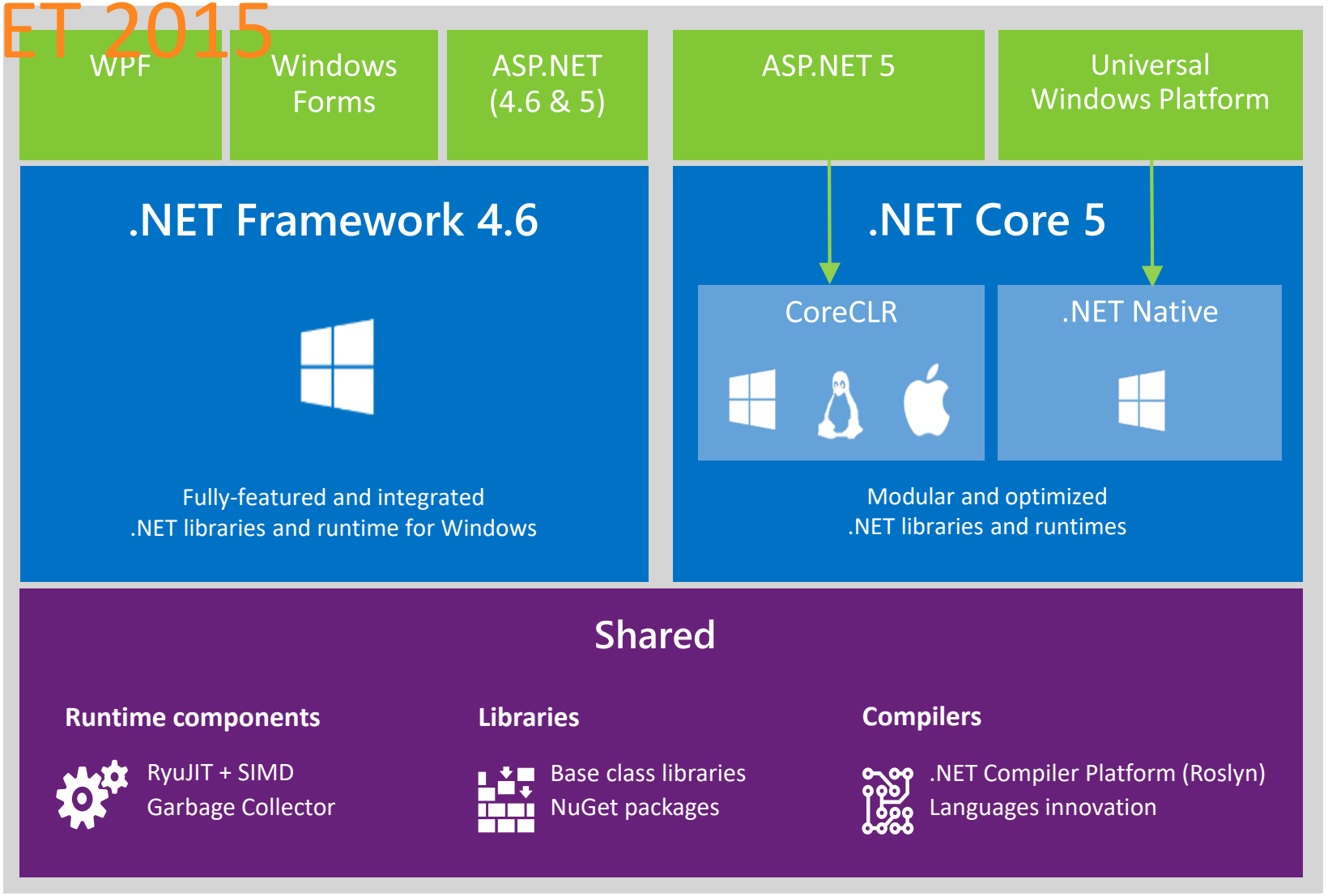
.NET Innovation

Open Source



Cross-Platform

.NET 2015


WPF
Windows Forms
ASP.NET (4.6 & 5)
ASP.NET 5
Universal Windows Platform
.NET Framework 4.6
Fully-featured and integrated
.NET libraries and runtime for Windows
.NET Core 5
CoreCLR
.NET Native
Modular and optimized
.NET libraries and runtimes
Shared
Runtime components
RyuJIT + SIMD
Garbage Collector
Libraries
Base class libraries
NuGet packages
Compilers
.NET Compiler Platform (Roslyn)
Languages innovation

Open sourcing .NET

Platforms

- General purpose .NET Core runtime, compilers and libraries
- ASP.NET web server stack

Fully supported cross-platform

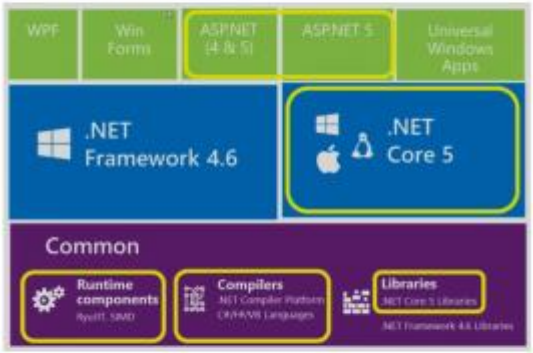
- Windows, Linux and OS X
- Visual Studio tooling support (e.g. debugging and deploying to Docker in Linux)
- Omnisharp extensions to cross-plat IDEs (Sublime, Emacs...)

Open Source

- .NET Core and ASP.NET 5 source being developed on GitHub
- Contributions accepted, tested and fully supported
- Close collaboration with Mono community

What is Microsoft open sourcing? (2015)

.NET 2015



Get started from:

github.com/microsoft/dotnet

.NET languages are significantly advanced over Java

- C# sports a number of powerful features over Java
  - anonymous methods and lambda expressions (3.0)
  - explicit property and event syntax (1.0)
  - explicit anonymous execution support (5.0)
- C# continues to move forward

.NET languages are significantly advanced over Java

- F# is a "next-generation" object/functional language
  - based on OCaml, derived from ML (deep academic roots)
  - type providers give language support for external data
- F#'s functional feature set is tailor-made for Big Data
  - map/reduce operations trivial to write in F#
  - pattern-matching offers easier data extraction/analysis
  - emphasis on statelessness and concurrency-friendly code

.NET languages are significantly advanced over Java

- Sun's mantra was to develop containers, not language
  - this is changing at Oracle
  - ... but they have a lot of catching up to do
- Java8 will get two of these (lambdas, extension methods)
  - ... when it ships (ETA 2013)
  - ... and meanwhile no word on any other features
  - this effectively brings it up to C# 2.0 by comparison
- Java Community Process: "design by committee"

Argument: "I need open standards"

- Java is not an ECMA, ISO or ANSI standard
  - standardization started in late 90's, but Sun aborted
  - that was when they founded the JCP
- C# is an ECMA Standard (ECMA-335)
  - has been since 1.0

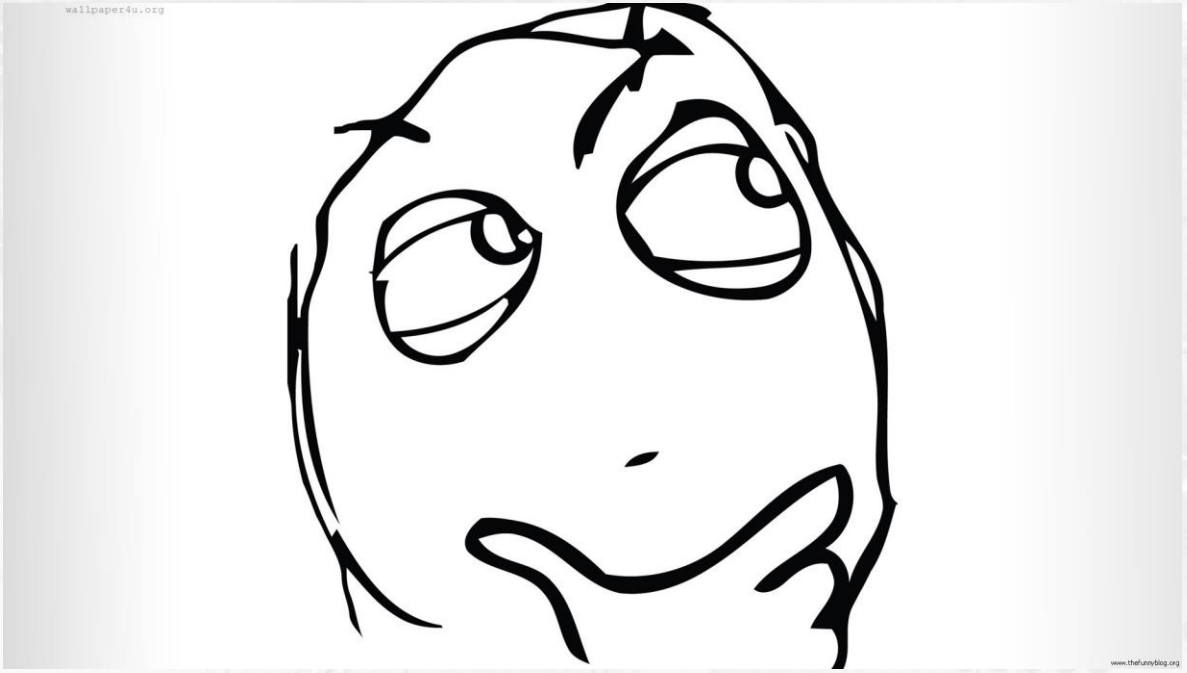
Argument: "I need platform independence"

- Meaning: "I need to run on a stable OS"
- Answer: WinServer is a pretty stable OS itself
  - Many devs/admins see Windows as "install and abandon"
  - Same devs/admins would never do that to Linux
  - With proper care and feeding, Windows Server is just as robust

Argument: "I need platform independence"

- Meaning: "You won't lock me in!"
- Answer: "You prefer being locked in elsewhere?"
  - Java is NOT an ECMA, ISO or ANSI standard; .NET is
  - .NET runs on Linux via Mono (and iOS via MonoTouch...)
  - .NET costs nothing (comes for free with Windows), just like Java...

¿Preguntas?



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