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¹ 2005 survey spots trends in software development. <http://www.infoworld.com/d/developer-world/2005-survey-spots-trends-in-software-development-443>. 19.02.2014.
² Overview of the .NET Framework. <http://msdn.microsoft.com/en-us/library/zw4w595w.aspx>. 19.02.2014.
³ .NET Technology Guidance. <http://www.microsoft.com/net/nettechnologyguidance>. 19.02.2014.

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(, MSIL – Microsoft Intermediate Language),

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MSIL (-). Microsoft
Visual Studio .NET

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• C/C++;
 • C# (“ ”);
 • BASIC (Visual BASIC .NET - BASIC);
 • F# (“ ”).
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1	C	18.3%
2	Java	17.3%
3	Objective-C	11.3%
4	C++	6.9%
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6	PHP	4.2%
7	(Visual) BASIC	2.8%
8	Python	2.2%
9	JavaScript	1.9%
10	Visual BASIC .NET	1.8%
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16	F#	0.6%

⁵ 200
⁶ TIOBE Software: Tiobe Index. <http://www.tiobe.com/index.php/content/paperinfo/tpci/index.html>. 22.02.2014.

Microsoft, .NET, C/C++

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C/C++

Microsoft Foundation Classes (MFC) Active Template Library (ATL).

Windows Win32 API (Application Programming Interface, . . .)

Windows

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C# e C/C++

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.NET. Visual BASIC .NET BASIC,

F# C# Visual BASIC,

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	C/C++	C#	BASIC	F#
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Microsoft Office), Corel DRAW,
Adobe Photoshop), Adobe Premiere, Avid),
Visual Studio),
Oracle),

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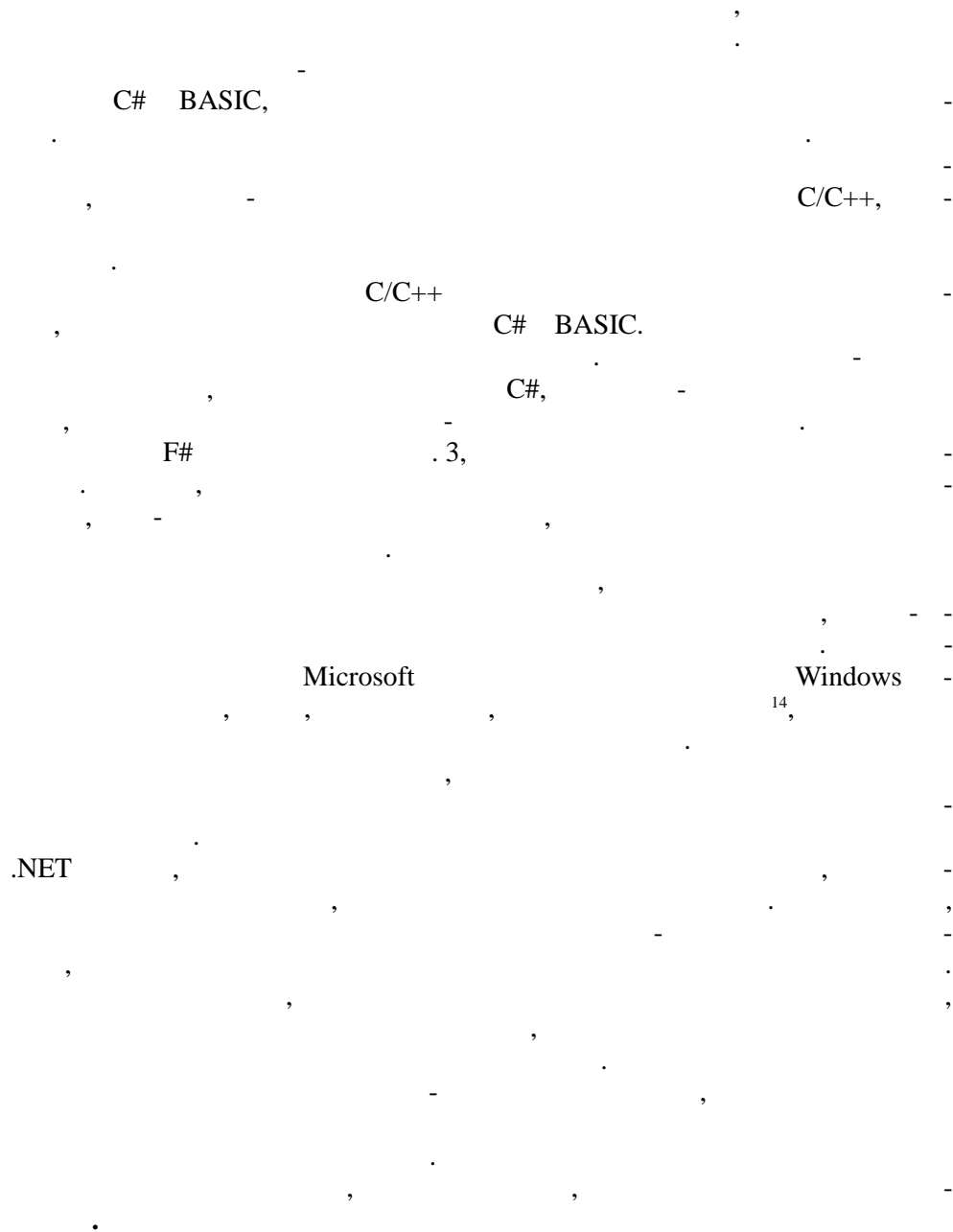
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	,	C/C++	C++ ()
		C#, BASIC	PHP
	, . -	C# (- BASIC)	Java (- PHP)



¹⁴ Mobile/Tablet Operating System Market Share. <http://www.netmarketshare.com/operating-system-market-share.aspx?qprid=8&qpcustomd=1>. 22.02.2014.

**IMPLEMENTATION OF PROGRAMMING
LANGUAGES ON THE PLATFORM .NET
AT DEVELOPING SOFTWARE APPLICATIONS**

Assoc. Prof. Dr. Vladimir Sulov, PhD

Abstract

The .NET platform is an integrated strategy and a range of products of Microsoft, which includes an software environment, specialized servers, development tools and programming languages. .NET is proved to be the most widely used platform for developing software all over the world. The purpose of the present article is to briefly introduce and compare programming languages supported by the .NET platform and draw conclusions concerning their viability at developing different types of software applications.

Key words: *software applications, .NET platform, programming languages.*