

Seminar C# SS 2002 (What's new in C# ?) Dienstag 10.15 – 11.45 CZ3 R. 123

Nr.	Titel	#pag	Contents	Bearbeiter / email	Date
1	Einführung		History etc.	J Winkler / jwinkler@acm.org	16. 4. 2002
2	Expressions	54	Ch. 14 overview; decimal type; overload resolution, expression evaluation: strictly from left to right, give examples where this matters, checked, unchecked mode of evaluation, boxing, unboxing	A Meisel / M8mead@nds.rz.uni-jena.de	23. 4. 2002
3	Statements	24	Ch. 15 overview, what is new or different from Java / C++, e.g. switch, foreach: local var, break: only one level; if (i=0); lock; using	J Peterson / jan@janpeterson.de	30. 4. 2002
4	Init.; Definite Assignment	9+x	Sect. 12.3 Comparison with Java; initialization in general	C Panzner / carsten@cs.uni-jena.de	7. 5. 2002
5	Class-1	20	Sect. 17.1 – 17.4; value types vs. reference types	T Schlegel / tino.schlegel@gmx.de	14. 5. 2002
6	Class-2	20	Sect. 17.5 – 17.6; parameters, new, override, sealed, abstract, external	S Lau / stephanl@cs.uni-jena.de	21. 5. 2002
7	Class-3	16	Sect. 17.8 – 17.12	C Krüger / zausel@cs.uni-jena.de	28. 5. 2002
8	Interface	14	Ch. 20	C Dahlke / christian.dahlke@web.de	4. 6. 2002
9a	Struct and Arrays	12	Ch. 18, 19 array: comparison with Java	J Weiland / JE.Weiland@t-online.de	11. 6. 2002
9b	Attributes and Interoperability	20	Ch. 24, MS V 0.36 Ch.17, MS V 0.28 App. B	M Heunecke / Matthias@Heunecke.de	11. 6. 2002
10	Enumerations, Events, Delegates and Exceptions	16	17.7, Ch. 21, 22, 23 Event handling in C# and Java	S Hermann / silvio.hermann@web.de	18. 6. 2002
11	Unsafe Code	18	Ch. 25	U Küster / Ulrich.Kuester@uni-jena.de	25. 6. 2002
12	Documentation Comments	18	App. E	P Adler / seaeagle@minet.uni-jena.de	2. 7. 2002

Vortagsdauer jeweils 35 – 45 Minuten. Die schriftliche Ausarbeitung ist bis zum Freitag 5. Juli 2002 abzugeben.

Literature

[Standard ECMA-334, December 2001](http://psc.informatik.uni-jena.de/Languages/Csharp/Ecma-334.pdf) <http://psc.informatik.uni-jena.de/Languages/Csharp/Ecma-334.pdf>

[Microsoft Corp.: C# Language Specification, V0.36 2002.Mar.01](http://psc.informatik.uni-jena.de/Languages/Csharp/CSharp_36.doc) http://psc.informatik.uni-jena.de/Languages/Csharp/CSharp_36.doc

Ergänzend

Archer, Tom Inside C#. Microsoft Press, 2001. 0-7356-1288-9 in Zweigbibliothek

Wiltamuth, Scott The C# Programming Language: Combining the power of C++ with the ease of VB.
Dr. Dobbs's Journal October 2000
<http://psc.informatik.uni-jena.de/Languages/Csharp/CS-Wilta-0010.htm>

Obasanjo, Dare A Comparison of Microsoft's C# Programming Language to Sun Microsystems Java Programming Language.
www.25hoursaday.com/CsharpVsJava.html, 2002.Jan.10

	Namespace and visibility	7+x	Ch. 16, Sect. 10.7, 10.8		
	Conversions	8	Ch. 13, Sect 18.3.5 espec boxing, unboxing		

2002.Apr.16