

C# Language & .NET Platform

5th Lecture:

C# Type System

<http://d3s.mff.cuni.cz/~jezek>

Department of
Distributed and
Dependable
Systems



Pavel Ježek

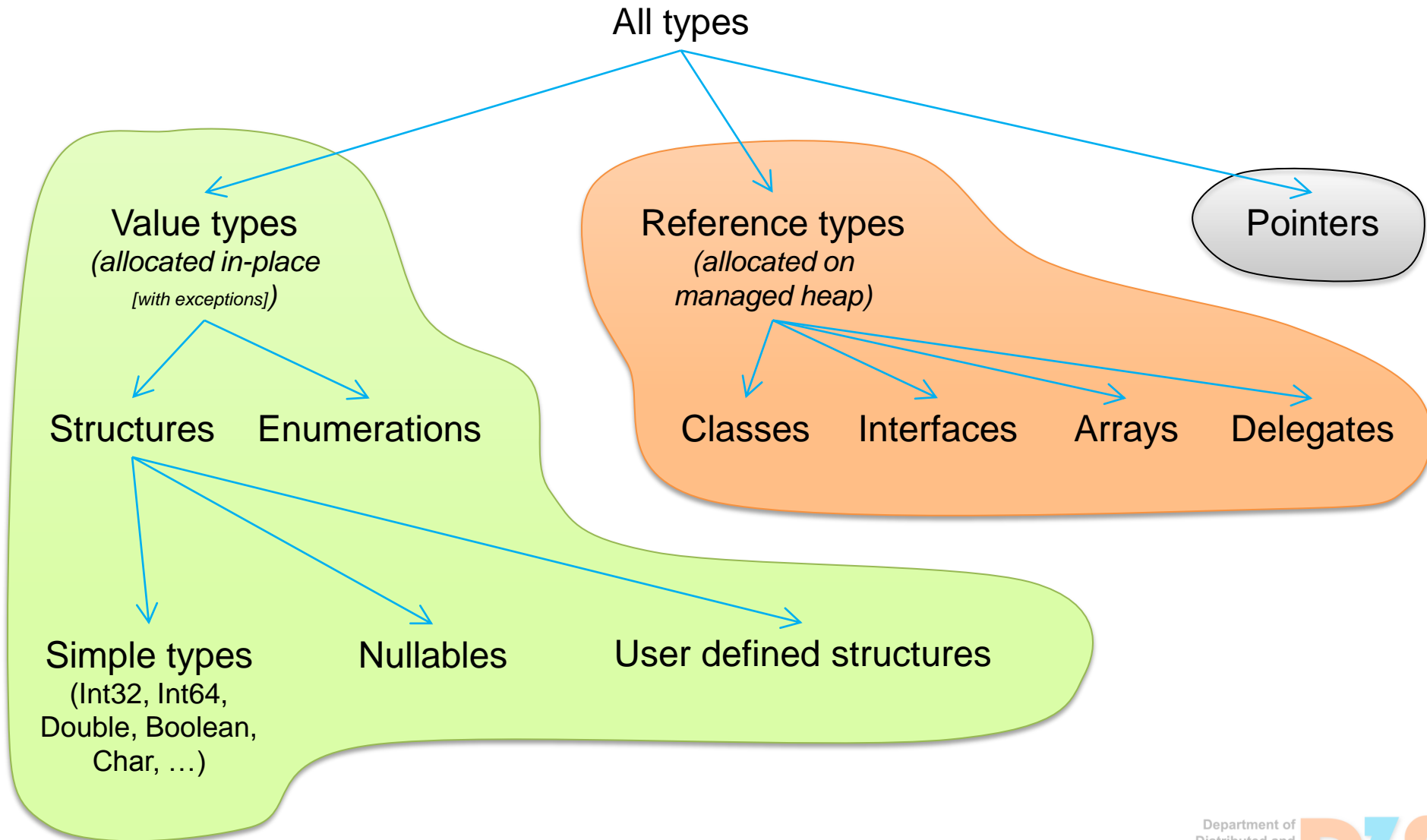
pavel.jezek@d3s.mff.cuni.cz



CHARLES UNIVERSITY IN PRAGUE

faculty of mathematics and physics

CLI Type System



How Would You Implement `List<T>.Clear()`?

Option	Complexity with Respect to Number of Elements in List (n)
A	$O(1)$
B	$O(n)$
C	Something else.

How Would You Implement `List<T>.Clear()`?

Option	Complexity with Respect to Number of Elements in List (n)
A	$O(1)$
B	$O(n)$ – set all elements to null! Mind the GC!
C	Something else.