

Working with Synthesized Methods



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Overview



Virtual methods: refresher

Synthesized methods

Converting to a string

Equality



Virtual and Override

virtual StartCourse()

virtual GetDetails()

**override StartCourse()
override GetDetails()**



Object

Object

Person



Virtual Methods in Object

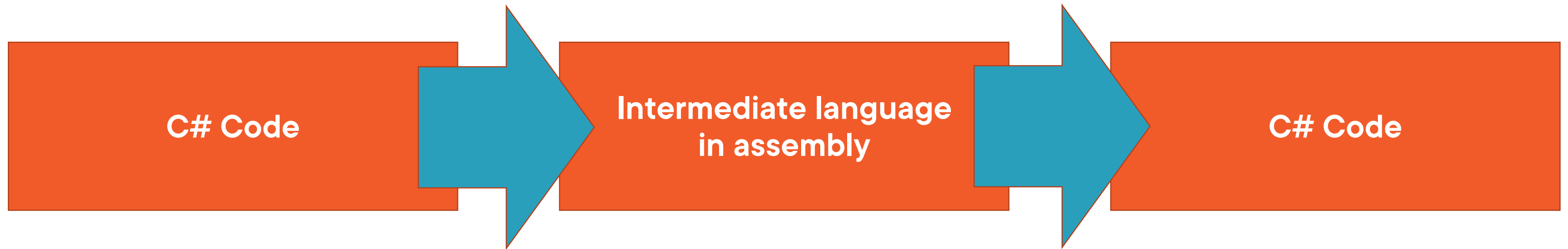
Equals

GetHashCode

ToString



Assemblies and IL



<https://www.jetbrains.com/decompiler/>



When is a
Record Instance
Equal to
Another Record
Instance?

All property values are the same
And they are of the exact same type



Summary



A record is a class

With synthesized methods

Cloning with “with”

ToString()

Equality

