

## Re: Can you write code directly in CIL ???

---

*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2005-12/msg05066.html>

---

- *From:* Jon Skeet [C# MVP] <[skeet@xxxxxxxx](mailto:skeet@xxxxxxxx)>
  - *Date:* Tue, 27 Dec 2005 17:05:49 -0000
- 

Nicholas Paldino [.NET/C# MVP] <[mvp@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:mvp@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

> I will second that the C++ compiler is better at optimizing IL output  
> than the C# compiler. However, as Willy stated, it will not always produce  
> verifiable code... I believe the article you were looking for is in MSDN  
> magazine.

No, the article was definitely someone posting in this group saying, "I want to be able to embed IL in my C# code, here's why." He then produced some better IL (which I suspect *\*was\** verifiable) which the C# compiler "could" have produced from the source C# (i.e. the behaviour was identical).

I'm sure this will improve over time, but to be honest it's usually the JIT that has more to do with optimisation IMO.

> But as a general statement, the C++ compiler generally has the best  
> optimizations (and for unmanaged code, with the new profile-guided  
> optimization, it's even cooler).

Right.

--

Jon Skeet - <[skeet@xxxxxxxx](mailto:skeet@xxxxxxxx)>

<http://www.pobox.com/~skeet> Blog: <http://www.msmvps.com/jon.skeet>

If replying to the group, please do not mail me too

.

---

- *Follow-Ups:*
  - ◆ **[Re: Can you write code directly in CIL ???](#)**
    - ◇ *From:* Peter Olcott
- *References:*
  - ◆ **[Can you write code directly in CIL ???](#)**
    - ◇ *From:* Peter Olcott
  - ◆ **[Re: Can you write code directly in CIL ???](#)**
    - ◇ *From:* Abubakar

Re: Can you write code directly in CIL ???

- ◆ **Re: Can you write code directly in CIL ???**
  - ◇ From: Jon Skeet [C# MVP]
- ◆ **Re: Can you write code directly in CIL ???**
  - ◇ From: Abubakar
- ◆ **Re: Can you write code directly in CIL ???**
  - ◇ From: Jon Skeet [C# MVP]
- ◆ **Re: Can you write code directly in CIL ???**
  - ◇ From: Abubakar
- ◆ **Re: Can you write code directly in CIL ???**
  - ◇ From: Jon Skeet [C# MVP]
- ◆ **Re: Can you write code directly in CIL ???**
  - ◇ From: Nicholas Paldino [.NET/C# MVP]

- Prev by Date: **Re: Technical question?**
- Next by Date: **ORACLE/MSSQL casting question**
- Previous by thread: **Re: Can you write code directly in CIL ???**
- Next by thread: **Re: Can you write code directly in CIL ???**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**