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Thread: [for loop benchmarking](#)

int - July 3, 2018, 4:01 pm

Hello, was just wondering a bit about the best variable to use to iterate through an array.

https://github.com/NullFlex/benchmarking_forloops

I tried ulong, int, and uint.
ulong and uint beat int by a lot.
in smaller arrays, uint and ulong had a major advantage.
In bigger arrays, they had a slight advantage.
What really is the best variable for this job?
Not completely sure if my timing method is accurate though.

Nick (Name) - July 3, 2018, 6:09 pm

Depends on what kind of numbers you're working with, each integral type allocates a different amount of memory.

<https://docs.microsoft.com/en-us/dotnet/csharp/language-reference/keywords/integral-types-table>

int - July 3, 2018, 7:05 pm

(Jul 3, 2018 06:09 PM)Nick (Name) Wrote: [\[CITE\]](#) Depends on what kind of numbers you're working with, each integral type allocates a different amount of memory.

<https://docs.microsoft.com/en-us/dotnet/csharp/language-reference/keywords/integral-types-table>

Very nice, I was looking for a table like this.
I saw one for c++ a while ago.

Nick (Name) - July 3, 2018, 7:12 pm

(Jul 3, 2018 07:05 PM)Jukeboxhook Wrote: [\[CITE\]](#) Very nice, I was looking for a table like this.
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I live MSDN, great documentation for just about anything in the .NET Framework.