

How to use BigInteger in VS 2010

[Ask Question](#)

I have been trying to use the BigInteger type, that is supposedly new in .NET Framework 4.0.

6



I don't seem to be able to get to it, and get an error when trying to reference it via Using System.Numerics.



Any idea what I'm doing wrong? Sorry if this is a stupid question...

[c#](#)[.net-4.0](#)[numerical-methods](#)

asked Nov 26 '10 at 0:55



[Halfdan Faber](#)

153 1 2 4

Can you provide a code sample? – [Evan Mulawski](#) Nov 26 '10 at 0:58

4 Answers



11



1. [Add a reference](#) to the *System.Numerics* assembly to your project.

a. In Solution Explorer, right-click the project node and click **Add Reference**.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

By using our site, you acknowledge that you have read and understand our [Cookie Policy](#), [Privacy Policy](#), and our [Terms of Service](#).

[Home](#)

[PUBLIC](#)

Stack Overflow

[Tags](#)

[Users](#)

[Jobs](#)

[Learn More](#)

- c. Select **System.Numerics**, and then click **OK**.
2. Add a [using directive](#) importing the *System.Numerics* namespace:

```
using System.Numerics;
```

3. Use the [BigInteger structure](#):

```
var i = new BigInteger(934157136952);
```

edited Nov 26 '10 at 1:05

answered Nov 26 '10 at 1:00



dtb

174k

27

349

404

-
- 1 Why the unnecessary `var` ? You know the type! – [Bradley Smith](#) Nov 26 '10 at 1:03

That was it. Thanks! – [Halfdan Faber](#) Nov 26 '10 at 1:31

@Bradley: Makes no difference. – [Brian R. Bondy](#) Nov 26 '10 at 1:31



Did you add a reference to System.Numerics?

3



Right click on References -> Add Reference -> .NET tab -> System.Numerics -> OK

answered Nov 26 '10 at 0:59



[Brian R. Bondy](#)

By using our site, you acknowledge that you have read and understand our [Cookie Policy](#), [Privacy Policy](#), and our [Terms of Service](#).



Add a Reference to System.Numerics assembly.

1

Add `using System.Numerics;` statement



answered Nov 26 '10 at 0:59



[Mitch Wheat](#)

259k

36

409

503



Have you added a project reference (Project... Add Reference...) to System.Numerics?

1



answered Nov 26 '10 at 1:01



[James Kovacs](#)

10.9k

31

41