
Subject: String to int

Posted by [morley](#) on Sat, 24 Jul 2010 21:00:13 GMT

[View Forum Message](#) <> [Reply to Message](#)

How to I convert a upp String, assigned to say "122", to an int?

I saw a function to get individual characters from a string so I suppose I could concatenate these into a char array and use a_toi or something, but I presume there is something simpler.

Thanks!

Subject: Re: String to int

Posted by [dolik.rce](#) on Sat, 24 Jul 2010 23:08:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

morley wrote on Sat, 24 July 2010 23:00How to I convert a upp String, assigned to say "122", to an int?

I saw a function to get individual characters from a string so I suppose I could concatenate these into a char array and use a_toi or something, but I presume there is something simpler.

Thanks!

Hi morley,

Yes, there is something simpler. For string<->integer there are StrInt() and IntStr(), for double DbIStr and StrDbI plus few more for other types.

Honza

Subject: Re: String to int

Posted by [morley](#) on Sun, 25 Jul 2010 05:54:55 GMT

[View Forum Message](#) <> [Reply to Message](#)

Thanks for the help! It is interesting that the StrInt(char *) works with both c-character strings and the Upp String type.

Subject: Re: String to int

Posted by [dolik.rce](#) on Sun, 25 Jul 2010 10:20:49 GMT

[View Forum Message](#) <> [Reply to Message](#)

morley wrote on Sun, 25 July 2010 07:54Thanks for the help! It is interesting that the StrInt(char *) works with both c-character strings and the Upp String type.

You're welcome

The magic converting `char*` to `String` is one of the C++ features that make programmers life a bit easier. If there is a conversion operator defined, it is used automatically. For the `String->const char *` there is `"operator const char *() const"` defined in `String` (actually in `String0`, but that is implementation detail). For the other way, `const char*->String`, C++ just uses the constructor `String(const char *s)` to convert the type.

Honza
