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Subject: Re: What does !! in e.g. FtpClient class mean?

Posted by [dolik.rce](#) on Wed, 10 Apr 2013 12:39:11 GMT

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NilaT wrote on Wed, 10 April 2013 13:57I just got a very noobish question.

What is the following Statement good for?

```
!!FtpDelete(path, ftpconn);
```

(This example is from the FtpClient class, but there maybe others)

!! = not not? Why use it then anyway?

Hi NilaT,

This question appears here regularly, and it's not really noobish. What it in fact does is a cast to bool. The first negation causes implicit cast to bool and the second one just returns the value to the original. Same as if you wrote (bool)FtpDelete(path, ftpconn);

I'm not exactly sure why Mirek prefers writing it this way, but I strongly suspect the reason is that it is faster to write. You can find it on many places in U++ sources...

Best regards,

Honza

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