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Subject: Re: What does !! in e.g. FtpClient class mean?  
Posted by [dolik.rce](#) on Wed, 10 Apr 2013 13:54:26 GMT

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Sometimes cast is necessary, e.g.:

```
int func(int n){  
    return 1;  
};  
int func(bool b) {  
    return 2;  
}  
  
int main() {  
    int i=0;  
    func(i) != func (!!i); // there is a difference ;-)  
    func (!!i) == func ((bool)i); // this is same ;-)  
}
```

When you use '!' on anything else then bool, compiler will first cast it to bool (if possible) and then compute the negation. So !!x is equal to !( !( (bool)x ) ).

Honza

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