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I have this IRC bot script that I was playing around with and I ran into a problem with the borrow checker but I can't seem to work around it:

```
extern crate irc;

use irc::client::prelude::*;

fn main() {
    let config = Config {
        nickname: Some(format!("DwightSchrute")),
        alt_nicks: Some(vec![format!("bananas"), format!("apples")]),
        server: Some(format!("irc.zerosec.net")),
        channels: Some(vec![format!("#main")]),
        .. Default::default()
    };
    let server = IrcServer::from_config(config.clone().unwrap()); //config used
    server.identify().unwrap();
    for message in server.iter() {
        let message = message.unwrap(); // We'll just panic if there's an error.
        print!("{} ", message.into_string());
        if &message.command[..] == "PRIVMSG" {
            if let Some(msg) = message.suffix {
                if msg.contains("DwightSchrute") {
                    server.send_privmsg(&message.args[0], "Want some of my beets salad?").unwrap();
                }
                if msg.contains("!quit") {
                    server.send_privmsg(&message.args[0], "Off to the Schrute farm, goodbye intellectual inferiors").unwrap();
                    server.send(Command::QUIT(None));
                }
                if msg.contains("ACTION yawns") {
                    server.send_action(&(config.channels.unwrap()[0]), "fooood"); //desire to use config again
                }
            }
        }
    }
}
```

The problem is the with the `config` variable.

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The helpful rust community at their IRC explained how using `.as_ref().unwrap` converts the `Option<T>` and gives you `Option<&T>`

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answered Jul 1, 2015 at 2:08

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