

THURSDAY, AUGUST 23, 2007

## Step 10: The Last One

minicom into /dev/tty.baseband. If you already used up your attempt counter, the phone should already be unlocked. If not just run 'AT+CLCK="PN",0,"00000000". That will unlock the phone for sure. Run 'AT+CLCK="PN",2'. It should finally return 0!!!

Your phone is now unlocked. Exit minicom and copy the CommCenter plist back to its place. Reboot. iASign. And enjoy your unlocked iPhone.

POSTED BY GEORGE HOTZ AT 3:10 PM

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### 56 COMMENTS:

Terje said...

Awesome! Good work geohot!

Now give us the softmod soon ;-)

AUGUST 23, 2007 3:15 PM

david said...

You lost me about 5 steps ago, but I am thrilled to think that someone might be able to generate a softhack based on what they are learning tonight. Thanks again, geohot, and good luck starting school.

AUGUST 23, 2007 3:18 PM

ag886 said...

Geo,  
if they modem firmware changes in the patch, like it did 1.0->1.0.1 will this require to re-unlock the phone ?  
Thanks  
AG

AUGUST 23, 2007 3:26 PM

mokum von Amsterdam said...

Pretty nifty work.  
My compliments to the crew.

AUGUST 23, 2007 3:32 PM

jszeto said...

congrat! I'm going to do it too.. but do I needed to use Mac, or windows is ok? Does the NORDumper can use on windows ?

AUGUST 23, 2007 5:10 PM

Antonio said...

jszeto, the NORDumper is an application that must be used on the iPhone. So you need to SCP it to your iPhone and run it. The Point is that you can't run it without doing the hardware switch.

AUGUST 23, 2007 11:36 PM

ali said...

I don't making a video will be hard for you

please make video

AUGUST 24, 2007 8:45 AM

Robin said...

Very nice work dude!

Good luck in college, your gonna do great! ;)

AUGUST 24, 2007 9:27 AM

Senseless said...

Good luck at school.

AUGUST 24, 2007 1:02 PM

Ashwin Mukundan said...

awesome stuff...just reading your hack was extremely thrilling...well done to the whole crew...

AUGUST 24, 2007 1:20 PM

Rick said...

Way to go, man! good ol' american ingenuity at work. Maybe Apple will offer you a job when you graduate.  
Good luck at Tech.

AUGUST 24, 2007 1:48 PM

Dr. Mark W. Berry said...

Geohot, what you have accomplished is an inspiration to all of us, in every field. I urge my colleagues in medicine to take note

that what is touted as "impossible", merely takes commitment and effort...and of course...knowledge. Highest accolades and congratulations are well-deserved.

Dr. Mark W. Berry  
Director of Medicine  
Los Angeles Center for Integrated Medicine  
AUGUST 24, 2007 1:57 PM

Brownie Girl said...

Good job! You will be rich very soon! Here's a link that let me get one free ringtone 4 my iphone - no subsription required - but it only give u one free :(

<http://ushrink.com/freeringtone>

AUGUST 24, 2007 2:11 PM

Kyle said...

Fantastic Job. I love it when a person can destroy the restrictions on something that shouldn't be restricted. Especially when it is made by somebody as big as Apple.

AUGUST 24, 2007 2:22 PM

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AUGUST 24, 2007 2:22 PM

ميثم said...

This unlocked phone will work in all networks? (am in asia)

AUGUST 24, 2007 2:45 PM

Cee said...

May this be the least of your accomplishments! Thanks for the huge smile that's on my face. GREAT job!

AUGUST 24, 2007 3:00 PM

Jeff said...

Geohot,  
I think what you did was awesome too, in both positive *and*

negative ways.

It might be possible that some of your hacks could be used by crackers to drop malware onto an iPhone. They could drop in a key-logger or a scanner to get info from the address book or other files. Identity theft or stealing credit card numbers might be easier because of your hacks.

I hope this is not true, but it is worth thinking about. After all, you **did** alter the boot code...

Just a paranoid thought...

AUGUST 24, 2007 3:30 PM

Joshua Collins said...

great work man. im a CS student, 28 years old.

you just blew away most doctors and master degrees. if you want something bad enough you'll get it, and you did!

congrats, and look fwd to your call from Apple to get hired. i'd say that is practically GUARANTEED. If not, they would be extremely dumb.

Josh

AUGUST 24, 2007 4:02 PM

Leminwinks said...

Great job. Apple should be knocking on your door anyday now. What inspired you to do this? Sheer challenge I take it?

AUGUST 24, 2007 4:39 PM

eesecrocsnitram said...

George,

Congrats on unlocking the phone dude. Great work!

You are all over the news (cnbc, cnn, etc...). Hope you sell the phone soon b/c you have committed a federal offense (misdemeanor), and are going to need a lawyer.

AUGUST 24, 2007 4:39 PM

eesecrocsnitram said

eesecrocsnitram said...

Oh, and now that the phone is unlocked...

All those exclusive Telephony deals apple is working in with european GSM carriers are going to cancel, causing the stock to go down mon-tues...

AUGUST 24, 2007 4:46 PM

OrionsHunter said...

Unlocking a phone is not illegal people.

AUGUST 24, 2007 5:01 PM

85 Proof said...

Nice Job (no pun intended)

AUGUST 24, 2007 5:07 PM

Jerad said...

eesecrocsnitram...

You are a moron...stop trying to sound like you know what you're talking about when you don't even research it...unlocking a phone is not illegal. There is apparently no U.S. law against unlocking cell phones. Last year, the Library of Congress specifically excluded cell-phone unlocking from coverage under the Digital Millennium Copyright Act. So look up your facts before you make yourself sound stupid

AUGUST 24, 2007 5:11 PM

Jeremy said...

Way to go!

Forget neuroscience, your a cs genius... If it ain't broke...wait...nevermind.

Cheers!

Enjoy the weekend for God sakes!

Jeremy

AUGUST 24, 2007 5:39 PM

Fah said...

eesecrocsnitram

You ever thought that maybe more phones will be sold now  
thus rising the stock price?

moron.

AUGUST 24, 2007 6:14 PM

Barry said...

Great job! And Thank you. (Terima Kasih)

AUGUST 24, 2007 6:18 PM

Tyler said...

Im 13 and unlocked my iphone yay  
im so happy

AUGUST 24, 2007 7:32 PM

crazylady said...

i am curious, can this be done with all cell phones? also i think  
it is great that someone did that att services are so expensive  
to use....also i wish someone would come up with away to hack  
services with out paying for them...good luck in school

AUGUST 24, 2007 7:48 PM

crazylady said...

you should make videos of how you did it step by step and sell  
them on ebay, you would end up rich and wouldnt have to go to  
school...everyone would want one...you would definately sell a  
million copies.....maybe you should think about it...

AUGUST 24, 2007 7:53 PM

Mike said...

Great job! This definately made history. I wish I could do  
something like this. I am 17 also and love computers but would  
never be able to do anything close to this! Well I wish you luck  
in college.

AUGUST 24, 2007 8:06 PM

sebastian said...

HELLO George et al., from 'Good Old Germany'. Nice Show  
though my electric understanding is almost at stake anytime i  
have to decide which is the plus on my new camera-battery.

(Why not you change the record 'Brownie Girl?')

sbstn

AUGUST 24, 2007 11:07 PM

jcp said...

Any one (who has done it) got an easy step-by-step process for unlocking the iphone?

Sort of like a "Unlock your iPhone - For DUMMIES" :)

AUGUST 25, 2007 12:09 AM

Gautam said...

I will pay you \$200 to unlock for me.

AUGUST 25, 2007 12:34 AM

Aby Varghese said...

Awesome... You are a genius.. Keep going you will reach grt heights..

AUGUST 25, 2007 1:34 AM

Luis said...

Right, right, right!

We need more guys like you. If you come over Santiago de Compostela, please, contact for lectures at:

[vallelegido@gmail.com](mailto:vallelegido@gmail.com)

Congratulations, Luis

AUGUST 25, 2007 5:20 AM

Eusebio said...

I will Safe this blog as a PIECE OF HISTORY and I was part of it. I heard you story @ NPR Marketplace.org. Thanks Jorge

Eusebio, NY

AUGUST 25, 2007 10:31 AM

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Eusebio, NY

AUGUST 25, 2007 10:34 AM

john said...

Great news guys, CONGRATULATIONS!

Now you will be able to use global sim card with iPhone. Check it out at [www.1world1sim.com](http://www.1world1sim.com), card comes with free roaming charges and service around the world. Free incoming calls in more then 70 countries.

AUGUST 25, 2007 11:06 AM

galaxion2 said...

Yo george, why are you a student? If your this smart you should be a professor in college.

Anyways, good luck in college.

AUGUST 25, 2007 11:34 AM

Don said...

Congratulations! Great job!

You have restored my faith in the Youth of America and what they can do if they put their mind to it!

AUGUST 25, 2007 12:39 PM

Mal said...

Just saw the article on MSN.com. I'm impressed with your tech savy for a 17yr old!

However, until Apple & AT&T get their collective heads outta their @\$\$ I will not be buying a 1st gen iPhone. Too many problems and too slow of a system (edge).

If AT&T has the 3G service why in the world would Apple select the slower network? Steve Jobs is an iDiot. And needs a new wardrobe.

I've been with AT&T here in Cali since it was called Pac Bell, back in 1988 & those antique floor mount phones, but why would AT&T not try to upsell Apple to the better network. Don't call me a "conspiracy theorist" but you really have to wonder if the two are not telling us something.



AUGUST 25, 2007 1:07 PM

Assad said...

Very impressed! however a video would be most than welcome as steps are hard to follow...

AUGUST 25, 2007 1:23 PM

Mediadude said...

Terrific hack - we used to hack Wang minis but this goes quite beyond that! Very impressive - and it looks like it couldn't have been done without the community...

AUGUST 25, 2007 2:12 PM

crpritch said...

that is amazing i just wish i could understand half the stuff you said... Mabye you can make some instructions for people that aren't as technology savvy...  
good luck at school!

AUGUST 25, 2007 3:47 PM

Mike said...

Hey young man,  
You did a great job of showing Apple how easy it is to make their phone easy to unlock for the multitudes of people that want to use other carriers. If you were my son i would be proud  
Mike

AUGUST 25, 2007 4:16 PM

Dylan J. Brunson said...

I thought I was good with computers...you are going to do great in school...I am so buying an iPhone now that I can get it w/ Verizon Wireless!!!

Thanks alot,  
DB

AUGUST 25, 2007 4:19 PM

Bradley said...

Nice work. Hotz, you're a treasure and we're lucky to have you around.

My friends and I were sitting around saying we'd like to get an iPhone but definitely didn't want to partner up with Ma Bell. Now, we can get the phone and the service we want.

AUGUST 25, 2007 7:30 PM

ozyel said...

well, to bad that in my country iphone wont come until 2009 or by the end of next year, so if a software is released for noobs like me then it is more likely to order one from the us. thanks for all the info.

AUGUST 25, 2007 8:30 PM

rks said...

Does anybody feel that this is just plain wrong. A company has the right to own its product and keep it restricted for a time. Like patents. Maybe this guy is smart, but for everyone to pat him on the back sounds like clapping for a criminal.

AUGUST 25, 2007 10:33 PM

Danilo Menay / Jose Cortes said...

Thanks, that was awesome work George! I just got done doing mine and it works perfectly!

AUGUST 26, 2007 12:10 AM

Hemant said...

Great Job! Well Done!

This is really a inspiration to all of us.

To one of the commenters. Yes company has right to protect their product. But if some one is smarter than their engineers to unlock it than that is better. Genius has to win.

Thanks.

AUGUST 26, 2007 12:17 AM

Greg said...

Wanted to add my congrats to the growing list. Start up a paypal account for donations (college, startup, etc) and enjoy the fruits of your summer labor. You and your team have really proven your elite status.

AUGUST 26, 2007 2:10 AM

Greg said...

*This post has been removed by the author.*

AUGUST 26, 2007 2:13 AM

akhil said...

you're god! geohot!

AUGUST 26, 2007 2:58 AM