UnKnoWnCheaTs - Multiplayer Game Hacks and Cheats > Anti-Cheat Software & Programming > Programming for Beginners

[Tutorial] Cheat Engine - Finding Base Address w/ Pointer Scan

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Cheat Engine - Finding Base Address w/ Pointer Scan

16th March 2014, 09:21 AM | #**1**

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xenocidewiki
nyaa is my waifu

Join Date: Nov 2013

Location: Norway

Posts: 3,584

Reputation: 78781
Rep Power: 234

Recognitions
▼ Former Staff
▼ Donator (11)
▼ Gratuity (1)
🔍 File Analyzer

Points: 133,269, Level: 52
Level up: 33%, 3,731 Points needed
Activity: 10.0%

Last Achievements

😀 **Cheat Engine - Finding Base Address w/ Pointer Scan**

So guys, i bet many of you want to make trainers/cheat tables, but to do it, you need the base address of for example HP... Now you want to know how to find it?
Here is a quick tutorial on how to find a base address with pointer scan 😊

1. First Run Cheat Engine And attach the proccess (i will be using Terraria as an example)

[Show Spoiler!]

2.
In the game find the value you want to modify, in terraria i would like to hack hp. So scan for the value, wait for it to decrease or increase, and wait till you have like 1-4 addresses left.

[Show Spoiler!]

3. If you find more than 1 address, then try to edit every single one of them, and find the one that changes the in game value, then remove the others from address list, in my position i do not need to do it, since i have only 1 address.

4. Now it begins, right click your address in the address list, and click **"Pointer Scan For This Address"** Then just click ok, and wait (it takes a bit, depends on your ram). Now what, you get like over 1000000 results.. what to do? its simple, close the game BUT DO NOT Close cheat engine.
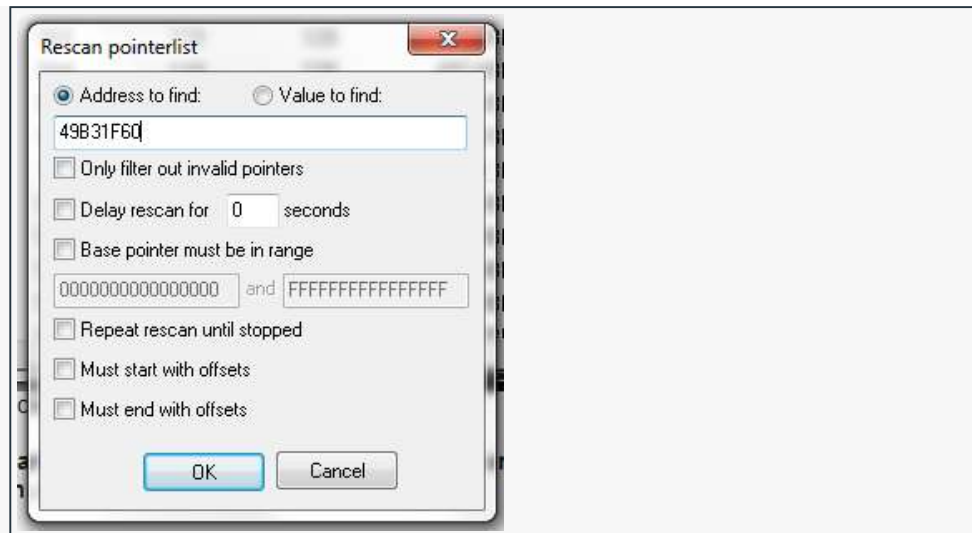
[Show Spoiler!]

5. Start The Game up again, and attach it to CE, then do the exact same thing, find your value. After you're done, get back to the pointer scanner and click the pointer scanner button in the pointer scanner.

Pointer scanner

6. After that Click rescan memory, and type in the NEW HP or whatever address you got.

[Hide Spoiler!]

7. Repeat this until you have 100 OR LESS results (its best with under 20)

8. Just double click one of the pointers, close the game, open it again, attach to cheat engine, and check if the pointer points to the right address, (most pointers will do)

9. Now you have successfully found the base address, and you can save everything as a cheat table and share with others 😄

Have Fun!

IT SHOULD WORK MOSTLY OF THE TIME, it might not work sometimes, but im unsure on this, it worked for me each time i tried.
Happy hacking. 😄

Credits Myself

Rules ~ **UnKnoWnCheaTs Wiki** ~ **UC FAQ**

Adam Today at 4:07 PM
I AM WOMYN HERE ME ROAR

Last edited by xenocidewiki; 16th March 2014 at 09:49 AM.

xenocidewiki is online now

QUOTE

19th March 2014, 05:53 PM | #**2**

0xc0re
Ban reason: Custom / undisclosed

BANNED

Join Date: Mar 2014

Location: Homeless ;]

Posts: 11

Reputation: 60
Rep Power: 0

A very helpful tutorial for beginners like myself.

Thank you.

0xc0re is offline

QUOTE ⌄

📄 20th March 2014, 01:06 PM   #**3**

xenocidewiki
nyaa is my waifu

Threadstarter

Join Date: Nov 2013

Location: Norway

Posts: 3,584

Reputation: 78781
Rep Power: 234
🟩🟩🟩🟩🟩🟩🟩🟩🟩🟩

Recognitions

🏅 Former Staff
🎖 Donator (11)
🏆 Gratuity (1)
🔍 File Analyzer

Points: 133,269, Level: 52

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Last Achievements

🛡👤💿📅

Quote:

> Originally Posted by **0xc0re** ⯈
> *A very helpful tutorial for beginners like myself.*
>
> *Thank you.*

no problem!
happy hacking

Rules ~ **UnKnoWnCheaTs Wiki** ~ **UC FAQ**

Adam Today at 4:07 PM
I AM WOMYN HERE ME ROAR

xenocidewiki is online now

QUOTE ⌄

📄 26th March 2014, 11:44 AM   #**4**

JustBasics
Hacker Supreme
⭐

Join Date: Dec 2013

Location: Germany

Posts: 239

Reputation: 2099
Rep Power: 122
🟩🟩🟩🟩🟩🟩🟩🟩🟩🟩

CE Pointer Scanner is only usefull if you got Multipointers, else find out what writes to is faster 😃

———————————

~ sig too big ~

QUOTE

#**5**

Mi4uric3

Join Date: Sep 2012
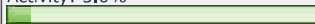
Posts: 941

Reputation: 10516
Rep Power: 168

Points: 21,391, Level: 20
Level up: 37%, 1,009 Points needed
Activity: 5.0%

Last Achievements

Quote:

> Originally Posted by **JustBasics** 🔧
> *CE Pointer Scanner is only usefull if you got Multipointers, else find out what writes to is faster*
> 😆

Since CE has no Anti-Debug-Detection functions this often doesn't work out well for beginners, but generally you are right

Mi4uric3 is online now

QUOTE

#**6**

jgizle
n00bie

Join Date: Jun 2014

Posts: 2

Reputation: 10
Rep Power: 107

Quote:

> Originally Posted by **JustBasics** 🔧
> *CE Pointer Scanner is only usefull if you got Multipointers, else find out what writes to is faster*
> 😆

In the game I'm learning how to use CE on, the address I find has nothing that reads or writes to it, yet it is the value that changes what I want in game (in this situation the stat increases dmg, and upon attacking something I notice significant dmg increase, meaning its working).

I have been using pointer scanner instead to find the pointer. After about 6 rescans I randomly picked an address left as the amount of addresses was not decreasing any more (over 24k addresses left). Coincidentally it changed the value I wanted correctly to another desired value. I exit game, reload game and log into my character and the assumed pointer turned out to be a correct pointer. I then decided to switch characters to see if it worked for all characters or just that stat on that specific character. It ruined everything, the pointer did not work on another character, and upon switching back to my test character the pointer also did not work.

Any tips? For now I'm going to try to redo this.

QUOTE

#**7**

fredaikis
Expert Hacker
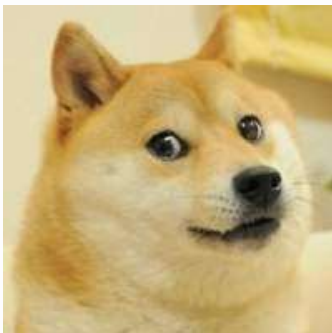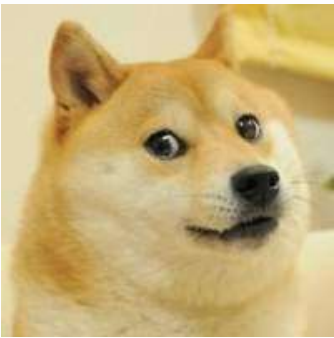
Join Date: Feb 2013

Location: Wakanda

You dont need to restart the game, just do a pointerscan, and look for a stable one. Win :P

QUOTE

17th June 2014, 11:05 PM   #8

jgizle
n00bie

Quote:

> Originally Posted by **fredaikis**
> *You don't need to restart the game, just do a pointer scan, and look for a stable one. Win :P*

Gl finding a stable pointer when you have over 20m pointers to choose from (10m are only shown at one time)

QUOTE

17th June 2014, 11:35 PM   #9

fredaikis
Expert Hacker

Quote:

> Originally Posted by **jgizle**
> *Gl finding a stable pointer when you have over 20m pointers to choose from (10m are only shown at one time)*

You know you can order them

And its easy to know if its the right one, just check if its offsetting from your playerclass for example.

QUOTE

maramizo
|IT IS NEVER ENOUGH|

Join Date: Aug 2010

Posts: 287

Reputation: 729
Rep Power: 203

Recognitions
🏅 Donator (1)

Points: 9,083, Level: 11

Level up: 35%, 717
Points needed

Activity: 5.0%

Last Achievements
👤🌐📅

maramizo is offline

Quote:

> Originally Posted by **fredaikis**
>
> *You know you can order them*
>
> *And its easy to know if its the right one, just check if its offsetting from your playerclass for example.*

That is assuming that you already have the playerclass, which most of the time you don't.

⚠️ This image has been resized. Click this bar to view the full image. The original image is sized 833x46.

[10:58 PM] **thingHACKER**: Yeah it's fucking scary I was chopping down a tree and I looked behind me and fucking 3 cannibals where standing there
[10:59 PM] **maramizo**: How did you know they were cannibals at first sight?
[11:00 PM] **phx**: he does recognise his relatives

QUOTE

---

superreh
Posting Well
⭐⭐

Join Date: May 2017

Posts: 28

Reputation: -79
Rep Power: 0

Points: 727, Level: 1

Level up: 66%, 173 Points needed

Activity: 0%

superreh is offline

I didn't understand it fully ok maybe it is because i didn't read all of it but thx and great tutorial

QUOTE

LemonCrabs
n00bie
⭐

Join Date: Sep 2018

Thanks so much, very clear and easy to understand. Very helpful.

☐ 24th October 2018, 10:02 PM   #**13**

CaptainSunshine
n00bie

😵 **Can't work out why this value would act like this.**

Quote:

> Originally Posted by **jgizle** ⚡
> *In the game I'm learning how to use CE on, the address I find has nothing that reads or writes to it, yet it is the value that changes what I want in game (in this situation the stat increases dmg, and upon attacking something I notice significant dmg increase, meaning its working).*
>
> *I have been using pointer scanner instead to find the pointer. After about 6 rescans I randomly picked an address left as the amount of addresses was not decreasing any more (over 24k addresses left). Coincidentally it changed the value I wanted correctly to another desired value. I exit game, reload game and log into my character and the assumed pointer turned out to be a correct pointer. I then decided to switch characters to see if it worked for all characters or just that stat on that specific character. It ruined everything, the pointer did not work on another character, and upon switching back to my test character the pointer also did not work.*
>
> *Any tips? For now I'm going to try to redo this.*

Did you ever figure this out? 😃

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Tags

address, base, cheat, cheat engine, engine, finding, newbies, pointer, scan, tutorial, w or

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