



## Possible to "swap" PC and PA?? (NES TSB)

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By buck, June 11, 2013 in Hacking Documentation

pass accuracy

pass control

tsb

nes

hacking

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DARRELL GREEN



Members

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**Location:** Tecmo Super Street**Tecmo Titles:** Lincoln V (2015)

Posted June 11, 2013 (edited)

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So, like many before me, I am looking to do a very simple "re-do" of 1990 TSB.

as the NES TSB game works in it's natural unmodified state: Pass Control (PC) is THEE QBs variable for how "on target" a pass is; and it also is the variable for whether a pass will be "completed or intercepted". (Pass Accuracy (PA) does nothing, without a "hack").

I was considering the usual jstout PA hack - where PC is "target" and PA is "comp/int"...

But I got to thinking - that it would make a guy like Elway TOO good. look at his 1990 stats, off the top of my head - 15 td, 14 ints. Anyways, that shouldn't deserve a 69 "completion/INT" variable!


On to my point/question - *I want to implement a version of the jstout "PA Hack" - BUT- "swap" the function of PC with PA for this hack -> So that PC is the "completion/int variable" only and PA becomes "on target" only.* It seems like I've seen something discussed like this before (maybe bruddog talked about it?).

so, for the Elway example: he would now throw a 69 (pretty good) "on target" pass, but his "completion/INT" variable would stay the same at 31, which is pretty bad.


I suppose I could just physically swap (cut/paste) the attributes around in TOOL or something and do jstout's hack, but I wanted to keep the attributes looking the same. So, how can that be swapped around behind the scenes in the ROM?

Anybody have ideas how to do it; and does it make sense within the original QB attributes to do this?

Edited June 12, 2013 by buck

 Quote



"The right to speak and the right to refrain from speaking are complementary components of ... individual freedom of mind." 

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**buck**

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I re-wrote some of the dialog of my 1st post to make things clearer, I hope.

looking through the QBs, I believe this will be a subtle change for most QBs, because most will only differ by +/- a single notch. some of the "best" QBs will not be affected at all (QB BILLS, Montana, moon)

but here are the starting QBs whose "on target" throws would be significantly affected by my suggested mod:

player ("on target" throw change)

boomer (56 to 69)

bernie (75 to 50)

bubby (25 to 56)

elway (31 to 69)

silver spoons (31 to 44)

harbaugh (25 to 56)

peete (44 to 31)

vinnie (56 to 44)

chris everett (63 to 50)

walsh (38 to 50)

Edited June 12, 2013 by buck

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"The right to speak and the right to refrain from speaking are complementary components of ... 'individual freedom of mind.'"

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## Knobbe

Tecmo Godfather



Founder



+ 3,242

17,586 posts

**Tecmo Titles: 1**

Founder of T-Borg

Posted June 12, 2013

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which one is silver spoons again?

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"You fail all of the time. But you aren't a failure until you start blaming someone else" - Bum Phillips

## buck

DARRELL GREEN



Members

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6,332 posts

**Location:** Tecmo Super Street

**Tecmo Titles:** Lincoln V (2015)

Posted June 12, 2013

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On 6/12/2013 at 10:29 AM, Knobbe said:

which one is silver spoons again?



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Yak, DFM and Knobbe reacted to this

"The right to speak and the right to refrain from speaking are complementary components of ... 'individual freedom of mind.'"

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## bruddog

Down with button mashing



Posted June 12, 2013

Report post

possible... yes. I had notes on how to do it but don't have them anymore. Would take me a bit to inspect the hex to remember how I did my hack.



Moderators

+ 3,074

11,466 posts

Location: Ca

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jstout

Tecmo Super Champion



Members

+ 92

537 posts

Posted June 12, 2013

Report post

Change x29FEC from x87 to x88 and change the x88 to x87 in the PC/PA hack to reverse the values. Or you can flip the ratings for all the QBs.

+ Quote

3

buck, Yak and quince3800 reacted to this



buck

DARRELL GREEN



Members

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6,332 posts

Location: Tecmo Super Street

Tecmo Titles: Lincoln V (2015)

Posted June 12, 2013 (edited)

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in summary, this hack is a combination of jstout's original "pass accuracy" hack (<http://tecmobowl.org/topic/9494-nes-pc-and-pa/>) and this little twist.

Pass Control will now be the "completion/interception" variable and Pass Accuracy will now be "on target" ability variable.

or as jstout would say:

Pass Accuracy= Ability to throw on target

Pass Control = Ability to complete a pass

code:

```
At x29FEC:88 ;new "target" PA read ( replaces $87, PC)At x29E54:2
```

Edited June 13, 2013 by buck

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2

Knobbe and quince3800 reacted to this



"The right to speak and the right to refrain from speaking are complementary components of ...  
'individual freedom of mind.'"

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quince3800

Starter



Members

+ 15

151 posts

Posted June 13, 2013 (edited)

Report post

Big help. Bruddog has written that it's possible to shift around the functions belonging/assigned to these different attributes:

He said he'd lost the notes, but it'd be cool if anything could be posted on this.

Edit: The link I'd intended to post is: <http://tecmobowl.org/topic/52872-new-base-nes-rom-w-authentic-nfl-experience-hacks/?hl=+experience%20+rom>.

I thought I'd written out that I want to know how to combine "jj intercepted" with "completed/deflected/intercepted on non-dive or jump attempt with defender in coverage" in the redone PC rating.

Edited June 14, 2013 by quince3800

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bruddog

Down with button mashing



Moderators

+ 3,074

11,466 posts

Location: Ca

Posted June 13, 2013

Report post

Ya jstout helped me with the locations before i have notes somewhere...on the defensive attribute load

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**bgboud2**

Tecmo Legend



2.0

+ 577

3,579 posts

Location: Irving, TX

Posted June 13, 2013

Report post

I was going to make a case at how it seems the PA rating seemed better for most QBs based on 1990 stats...then I saw what a phenomenal season DeBerg had.

+ Quote



AIM = bgboud2

 sigs.php?player=bgboud2



**bruddog**

Down with button mashing



Moderators

+ 3,074

11,466 posts

Location: Ca

Posted June 13, 2013

Report post

Definitely a career season by deberg with I'm sure a little luck. Only 4 ints is pretty amazing considering KC was also third in yards per completion and the WR's caught 65% of the passes so its not like he was just dumping it off.

Strangely enough 3 of his interceptions on the season all came in one game vs the colts "awesome defense" that only managed 9 ints on the season.

Deberg also threw 7! ints in a game vs SF 4 years earlier and finished with 5 TD's to 12 ints. LOL.

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**buck**

DARRELL GREEN



Members

+ 2,060

6,332 posts

Location: Tecmo Super Street

Posted June 14, 2013 (edited)

Report post

I've been through most of the TSB qb ratings and '90 stats for these qbs. I think that PC as "comp" and PA as "target" is solid.

In most cases, difference (from original, with no hack at all) is subtle. The cases where there are more than 2 notches involved make sense to me.

thanks again, jstout.

Edited June 14, 2013 by buck

Tecmo Titles: Lincoln V  
(2015)

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"The right to speak and the right to refrain from speaking are complementary components of ... 'individual freedom of mind.'"

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Yak

Tecmo Fanatic



Posted June 15, 2013

Report post

Moved to hacking documentation. Listing in Hacking documentation thread.



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↑ 2

buck and Knobbe reacted to this



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Location: Boston, MA



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By PunkyQB



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Our second event, Tag Team Tecmo II: Rematch, will be just like the first, but hopefully a little bigger and starting just a little later for traveling players. We hope to attract noobs, seasoned...

(NES) Tecmo Super Bowl -NES (bugs fixed)

By bruddog



View File Tecmo Super Bowl -NES (bugs fixed)

The original rom has been completely rebuilt. DO NOT TRY TO APPLY ANY OF THE HACKS LISTED ONE THE WEBSITE. It is extremely likely they won't work due to locations in the...

(NES) R.B.I. Baseball 1919

By Baron von Lector





## View File R.B.I. Baseball 1919

This ROM commemorates the 1919 baseball season and the Black Sox scandal, 100 years later. The teams included on the ROM are: Cincinnati Reds, Chicago White Sox, New York...

### R.B.I. Baseball 1919

By [Baron von Lector](#)



This ROM commemorates the 1919 baseball season and the Black Sox scandal, 100 years later. The teams included on the ROM are: Cincinnati Reds, Chicago White Sox, New York Giants, Cleveland Indians, New York Yankees, Chicago Cubs, Pittsburgh Pirates, Detroit Tigers, Washington Senators, and Boston Red Sox.

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