CHAMPMAN 0102.CO.UK — KEEPING THE GAME ALIVE

Changing World Cup qualifiers?

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Rapinoe

11-01-15, 01:05 AM

Changing World Cup qualifiers?

So, another two-part question from me!

1. How can one change the teams who've qualified for the 2002 World Cup? I imagine this is hardcoded somewhere... have the necessary offsets been found, if so?

2. Is it possible to change the number of countries that qualify from each continent?

JohnLocke

11-01-15, 11:35 AM

Code:

```
0092EB46  |.  66:817F 40 D2 CMP WORD PTR DS:[EDI+40],7D2 //7D2 = 2002 in decimal
0092EB4C  |.  0F85 9D040000 JNE 0092EFEF
0092EB52  |.  A1 00F39C00  MOV EAX,DWORD PTR DS:[9CF300]        ; France
0092EB72  |.  A1 60F49C00  MOV EAX,DWORD PTR DS:[9CF460]        ; Senegal
0092EB92  |.  A1 F4F49C00  MOV EAX,DWORD PTR DS:[9CF4F4]        ; Uruguay
0092EBB3  |.  A1 C0F29C00  MOV EAX,DWORD PTR DS:[9CF2C0]        ; Denmark

0092EBD3  |.  A1 88F49C00  MOV EAX,DWORD PTR DS:[9CF488]        ; Spain
0092EBF4  |.  A1 74F49C00  MOV EAX,DWORD PTR DS:[9CF474]        ; Slovenia
0092EC14  |.  A1 20F49C00  MOV EAX,DWORD PTR DS:[9CF420]        ; Paraguay
0092EC35  |.  A1 80F49C00  MOV EAX,DWORD PTR DS:[9CF480]        ; South Africa

0092EC55  |.  A1 60F29C00  MOV EAX,DWORD PTR DS:[9CF260]        ; Brazil
0092EC76  |.  A1 DCF49C00  MOV EAX,DWORD PTR DS:[9CF4DC]        ; Turkey
0092EC96  |.  A1 98F29C00  MOV EAX,DWORD PTR DS:[9CF298]        ; China
0092ECB7  |.  A1 A8F29C00  MOV EAX,DWORD PTR DS:[9CF2A8]        ; Costa Rica

0092ECD7  |.  A1 84F49C00  MOV EAX,DWORD PTR DS:[9CF484]        ; South Korea
0092ECF8  |.  A1 30F49C00  MOV EAX,DWORD PTR DS:[9CF430]        ; Poland
0092ED18  |.  A1 F8F49C00  MOV EAX,DWORD PTR DS:[9CF4F8]        ; USA
0092ED39  |.  A1 34F49C00  MOV EAX,DWORD PTR DS:[9CF434]        ; Portugal

0092ED5C  |.  A1 14F39C00  MOV EAX,DWORD PTR DS:[9CF314]        ; Germany
0092ED7D  |.  A1 58F49C00  MOV EAX,DWORD PTR DS:[9CF458]        ; Saudi Arabia
0092ED9D  |.  A1 DCF29C00  MOV EAX,DWORD PTR DS:[9CF2DC]        ; Ireland
0092EDBE  |.  A1 7CF29C00  MOV EAX,DWORD PTR DS:[9CF27C]        ; Cameroon

0092EDDE  |.  A1 18F29C00  MOV EAX,DWORD PTR DS:[9CF218]        ; Argentina
0092EDFF  |.  A1 00F49C00  MOV EAX,DWORD PTR DS:[9CF400]        ; Nigeria
0092EE1F  |.  A1 E4F29C00  MOV EAX,DWORD PTR DS:[9CF2E4]        ; England
0092EE40  |.  A1 A8F49C00  MOV EAX,DWORD PTR DS:[9CF4A8]        ; Sweden

0092EE60  |.  A1 60F39C00  MOV EAX,DWORD PTR DS:[9CF360]        ; Italy
0092EE81  |.  A1 D4F29C00  MOV EAX,DWORD PTR DS:[9CF2D4]        ; Ecuador
0092EEA1  |.  A1 ACF29C00  MOV EAX,DWORD PTR DS:[9CF2AC]        ; Croatia
0092EEC5  |.  A1 D0F39C00  MOV EAX,DWORD PTR DS:[9CF3D0]        ; Mexico

0092EEE8  |.  A1 6CF39C00  MOV EAX,DWORD PTR DS:[9CF36C]        ; Japan
0092EF0C  |.  A1 44F29C00  MOV EAX,DWORD PTR DS:[9CF244]        ; Belgium
0092EF2F  |.  A1 48F49C00  MOV EAX,DWORD PTR DS:[9CF448]        ; Russia
0092EF53  |.  A1 D8F49C00  MOV EAX,DWORD PTR DS:[9CF4D8]        ; Tunisia
```

You should be able to change the first line to alter the year the games uses these nations.
Filling the second line with NOP should result in the game always using these nations.

Config file for use with Hugo - just save as a .txt file in the ./config/hugo/ directory.
Hugo can be downloaded here: http://www.champman0102.co.uk/downlo...do=file&id=201
This will let you edit the nations by selecting from a series of drop-down lists.

Code:

```
3.9.68
nation 0x52EB53 France
nation 0x52EB73 Senegal
nation 0x52EB93 Uruguay
nation 0x52EBB4 Denmark
nation 0x52EBD4 Spain
nation 0x52EBF5 Slovenia
nation 0x52EC15 Paraguay
nation 0x52EC36 South Africa
nation 0x52EC56 Brazil
nation 0x52EC77 Turkey
nation 0x52EC97 China
nation 0x52ECB8 Costa Rica
nation 0x52ECD8 South Korea
```

```
nation 0x52ECF9 Poland
nation 0x52ED19 USA
nation 0x52ED3A Portugal
nation 0x52ED5D Germany
nation 0x52ED7E Saudi Arabia
nation 0x52ED9E Ireland
nation 0x52EDBF Cameroon
nation 0x52EDDF Argentina
nation 0x52EE00 Nigeria
nation 0x52EE20 England
nation 0x52EE41 Sweden
nation 0x52EE61 Italy
nation 0x52EE82 Ecuador
nation 0x52EEA2 Croatia
nation 0x52EEC6 Mexico
nation 0x52EEE9 Japan
nation 0x52EF0D Belgium
nation 0x52EF30 Russia
nation 0x52EF54 Tunisia
```

Please note: I haven't actually tested any of the above.

Rapinoe

Thanks, I'm gonna give this a try right now.

I just finished the whole process for seeding and drawing the groups (since I need 8 groups instead of 6, and a few more teams) - this was fun, and something in the code made me have to do some FIFA-like backroom manipulations to make sure the actual host nations are recognised as being hosts by the game (i.e. have to make sure the hosts are replacing South Korea and Japan in groups D and H respectively). :D

JohnLocke

Hosts for the 2002 World Cup is determined by these two lines
005F9A21 |. 8B15 84F49C00 MOV EDX,DWORD PTR DS:[9CF484] ; South Korea
005F9A2C |. 8B0D 6CF39C00 MOV ECX,DWORD PTR DS:[9CF36C] ; Japan

Add these two lines to the Hugo config file (untested) and you should be able to edit the hosts.

Code:
```
nation 0x1F9A23 Co-Host: South Korea
nation 0x1F9A2F Co-Host: Japan
```

Rapinoe

Okay, so I changed everything - hosts (present and future bidders), qualifiers for the 2002 edition and other stuff (hosts for other international comps). Started the game and went immediately on vacation, at the "updating game" times I returned from vacation to see things...

On December 26 there was an error: **v3.9.68 Cup..cpp 1187**. But this error clicked right through, and the game continued. I checked the groups for the World Cup, and everything was as should be per the changes I'd made.

On January 2 there was another error: **v3.9.68 Cup..cpp 1450**. This one also clicked right through and the game continued on.

Vacationed until just before the start of the World Cup, and advanced through manually - everything went just fine without a problem. So, I'm encouraged, this looks to be working!

For the record, in the final, Alex Morgan scored her 50th international goal in the 27th minute to beat England 1:0.

JohnLocke

These error codes can be found at:
0051A36F | PUSH 4A3 (1187 decimal)
0051AB0F | PUSH 5AA (1450 decimal)

The latter seems to relate to this message: "CUP::process_fixture() : third match should not have a replay (round %d in %s)"

Filling the following two lines with NOP should suppress the error messages - but it won't fix the underlying cause. (Untested)
0051A396 | CALL 005E8290
0051ABD9 | CALL 005E8290

---

milo

Quote:

> Originally Posted by **JohnLocke** »
>
> Hosts for the 2002 World Cup is determined by these two lines
> 005F9A21 |. 8B15 84F49C00 MOV EDX,DWORD PTR DS:[9CF484] ; South Korea
> 005F9A2C |. 8B0D 6CF39C00 MOV ECX,DWORD PTR DS:[9CF36C] ; Japan
>
> Add these two lines to the Hugo config file (untested) and you should be able to edit the hosts.
>
> Code:
> ```
> nation 0x1F9A23 Co-Host: South Korea
> nation 0x1F9A2F Co-Host: Japan
> ```

what if you set the same nation twice? e.g. brazil & brazil

Rapinoe

I read in the thread about changing World Cup hosts that if you do that, then Brazil would show up twice, in two groups, and the game would crash if they both advanced out of the group stage.

I started a new game, and checking the WC qualifiers, we see this:

http://i.imgur.com/CUqXe0p.jpg

...and this is /after/ changing the qualifiers via the offsets listed by JohnLocke above! This suggests to me that there is some other location where the WC qualifiers are mentioned in the code, perhaps? Because, after drawing the groups on December 27, it looks like this:

http://i.imgur.com/j1PkQeb.jpg

...which is all as it should be per the offsets I changed. (Apart from Germany being the 'previous winner'... which I don't know if I can change that other than by swapping Germany and Japan in the groups).

JohnLocke

Quote:

> Originally Posted by **Rapinoe** »
>
> *(Apart from Germany being the 'previous winner'... which I don't know if I can change that other than by swapping Germany and Japan in the groups).*

Could that be based on the data?

Mercurio

The only problem with previous 2001 start dates is the World Cup qualification first draw, which is hard-coded for some continents to year 2004. Would it be possible to change this using OllyDbg?

saturn

Try changing:

Code:

```
009182DB MOV EAX,7D4 --> MOV EAX,7CC
00918473 JL 0091847C --> JMP 0091847C
0092036D MOV EAX,7D4 --> MOV EAX,7CC
009204B8 JL 009204C1 --> JMP 009204C1
```

Mercurio

Quote:

> Originally Posted by **saturn** »
>
> *Try changing:*
>
> *Code:*
>
> ```
> 009182DB MOV EAX,7D4 --> MOV EAX,7CC
> 00918473 JL 0091847C --> JMP 0091847C
> 0092036D MOV EAX,7D4 --> MOV EAX,7CC
> 009204B8 JL 009204C1 --> JMP 009204C1
> ```

It works!

Only the Asian section is still expecting the draw for 28th March 2005. Do you have the offsets?

Thank you!

saturn

00911CB7 MOV EAX,7D4

Mercurio

Perfect! Thank you, **saturn**.

Ravanelli

Hi Mercurio, does it also work for backdates and have you tested it? Can we finally start a game before 2001 without crashing? Would be awesome to start in 1993 or 1995 with one of Cam F's nineties databases.

Mercurio

Quote:

Originally Posted by **Ravanelli** »

Hi Mercurio, does it also work for backdates and have you tested it? Can we finally start a game before 2001 without crashing? Would be awesome to start in 1993 or 1995 with one of Cam F's nineties databases.

Yes, that's the goal. I'm doing a 1996/97 update. I'm gonna test it in holiday mode ;).

Mercurio

Three seasons tested. It works fine. No errors.

Ravanelli

That's great. Could you make a 1993 start available? Cam F has a great and detailled database of that season, so would be ideal!

Mercurio

Quote:

Originally Posted by **Ravanelli** »

That's great. Could you make a 1993 start available? Cam F has a great and detailled database of that season, so would be ideal!

Yep. But that data is for CM 00/01. This just works for CM 01/02.

Ravanelli

I think he can easily convert it to cm 0102, he did it in the past. Could you make a download available?

Mercurio

Quote:

Originally Posted by **Ravanelli** »

I think he can easily convert it to cm 0102, he did it in the past. Could you make a download available?

Try this: https://www.sendspace.com/file/5r9fs1

Mercurio

It crashes on 27th December 2001. World Cup 2002 draw date.

---

morais

There is any place in the game where I can discover the decimal code for other nations? If y want to make a different World Cup, with a nation like DR of Congo, for example, that would be possible??

---

saturn

Try here.

morais   16-04-18, 09:17 PM

Quote:

*Originally Posted by **saturn*** »

Try here.

Nice, mate!! Thanks!!!

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All times are GMT +1. The time now is 01:49 PM.

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morais   17-04-18, 07:51 PM

And what about this Hugo?? The link in the beggining of this post don't work... it says that "Your submission could not be processed because a security token was invalid. If this occurred unexpectedly, please inform the administrator and describe the action you performed before you received this error."

---

morais   17-04-18, 09:18 PM

never mind... found it already!

---

morais   19-04-18, 10:10 PM

Didn't work! This message appeared:

Exception in thread "main" java.text.ParseException: Unknown type: 0092EB4C
at exe.hugo.HugoMain.parseLines(HugoMain.java:161)
at exe.hugo.HugoMain.main(HugoMain.java:69)

Can anyone help with this??

GFRay   26-07-18, 11:21 AM

@saturn

I'm going to post it here as I can't PM you.

For your v5 patch you've made it so that the World Cup 2018 have all the correct nations and group fixtures in them.

My question. How easy would it be for you to make .exes for me for the EC 2008, WC 2010, EC 2012, WC 2014 and EC 2016 tournaments with the correct groups and nations?

I'm thinking of doing more tournaments like I did in my last World Cup Game.

For each tournament I would use the most compatible data update there is available. So that would be:

February 2008 DB for the EC 2008
February 2010 DB for the WC 2010
March 2012 DB for the EC 2012
March 2014 DB for the WC 2014
April 2016 DB for the EC 2016
And your v5 patch for the World Cup 2018

Would that something you would be willing to create for me? And what would I need to provide for you to set it up?

Let me know! :ok:

Dermotron   26-07-18, 12:26 PM

Moved it here mate as it's in post #2 :ok:

GFRay   26-07-18, 12:32 PM

Quote:

Originally Posted by **Dermotron** »

Moved it here mate as it's in post #2 :ok:

Cheers mate, but I can't do this myself as I have no idea how to do all this. That's what I tagged @saturn to see if he could do it for me. :ok:

Dermotron

He'll see it here too, as will others and people that might want to make the changes in future :ok:

---

saturn

> Quote:
>
> *Originally Posted by GFRay* »
>
> *@saturn*
>
> *I'm going to post it here as I can't PM you.*
>
> *For your v5 patch you've made it so that the World Cup 2018 have all the correct nations and group fixtures in them.*
>
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>
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> *March 2014 DB for the WC 2014*
> *April 2016 DB for the EC 2016*
> *And your v5 patch for the World Cup 2018*
>
> *Would that something you would be willing to create for me? And what would I need to provide for you to set it up?*
>
> *Let me know! :ok:*

The World Cups wouldn't be a problem. Unfortunately the Euros don't have the same piece of code that's in post#2 which puts teams in the correct groups. At most you could have the correct 16 nations qualify, and I'm not even 100% sure about that. Stick a post in here once the 2002 World Cup Game is over and I'll try and create an exe for Euro 2008.

> Quote:
>
> *Originally Posted by Dermotron* »
>
> *He'll see it here too, as will others and people that might want to make the changes in future :ok:*

That's the reason I turned off PMs. I didn't mind people PMing me, but it was the fact that any discussion with potentially useful info would be stuck in two inboxes, instead of out in the forum.

GFRay

> Quote:
>
> *Originally Posted by saturn* »
>
> *The World Cups wouldn't be a problem. Unfortunately the Euros don't have the same piece of code that's in post#2 which puts teams in the correct groups. At most you could have the correct 16 nations qualify, and I'm not even 100% sure about that. Stick a post in here once the 2002 World Cup Game is over and I'll try and create an exe for Euro 2008.*
>
> *That's the reason I turned off PMs. I didn't mind people PMing me, but it was the fact that any discussion with potentially useful info would be stuck in two inboxes, instead of out in the forum.*

I will leave the Euro's out if it then. Could you create the exes for the 2010 and 2014 WC for me when you have time? :)

Just to be sure: I basically only need the 3.68 version of the game, the right DB and your exe to make it work right?

---

saturn

Here's 2010: http://www.mediafire.com/file/uak1586off5vudi/2010_World_Cup.zip

It has a new Data folder (Yugoslavia was renamed to Serbia and Holland to Netherlands) and the new .exe. That .exe has the Tapani 2.22 patch on it with the settings I normally play with. You can safely uninstall the Tapani patch and install it with your desired settings, just make sure to have a 2009 start year.

The knockout rounds still have wrong paths. I initially thought they might be changeable as I thought they were coded to match the 2002 path IRL, but they're not.