

Forum:[Hack Forums](#)

Thread: [overridden print function](#)

Remix - September 5, 2014, 2:19 pm

Hey everybody

i'm very bored so i tried to find something useful for LUA and i was thinking about the print and string.format function. I ever hated it to use the string.format function because i'm fking lazy. So i had the idea to override the basic print function that you can use multiple arguments that you normaly just could use with the string.format function.

Example:

Code print("hello %s", "hackforums")

The function:

Code main_print = main_print or print

```
function print(text, ...)
  if text == nil then return end
  if table.getn(arg) < 1 then
    return main_print(text)
  end
  main_print(string.format(text, unpack(arg)))
end
```

It's nothing special but it should help those people who are as lazy as i am.

Sincerely

[iRemix]

haffy - September 6, 2014, 12:43 pm

I don't see how it would be useful to overwrite the print function with this, also, this is not how you detour properly.

You would have to do:

```
main_print = main_print or print
or
local main_print = print
```

If you assign the global "main_print" to print then detour print, the next time that your code runs it will assign the detoured print to main_print and detour it again, this will cause a stack overflow.

Remix - September 6, 2014, 3:04 pm

(Sep 6, 2014 12:43 PM)Hafnium Wrote: [\[CITE\]](#) I don't see how it would be useful to overwrite the print function with this, also, this is not how you detour properly.

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If you assign the global "main_print" to print then detour print, the next time that your code runs it will assign the detoured print to main_print and detour it again, this will cause a stack overflow. If it will be used in a lua script which will be loaded again and again you're right. I didn't think about that.

I used that script in a lib which is just loaded once.
I've corrected it right now, thank you.

haffy - September 6, 2014, 8:41 pm

(Sep 6, 2014 03:04 PM)[iRemix] Wrote: [\[CITE\]](#) If it will be used in a lua script which will be loaded again and again you're right. I didn't think about that.

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No problem, if you want to just save the trouble of having to check if main_print exists, just make it a local, I can't think of a reason for it to be global anyways ?