

Barnito's Wii Softmod Pack

Rev 0.9 FINAL

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HackMyWii

www.hackmywii.net

Introduction

IF YOU PAID FOR THIS PACKAGE YOU WERE SCAMMED! This package is meant to simplify and automate **UPGRADING/DOWNGRADING/SOFTMODDING/UNBRICKING** any Nintendo Wii Console with **System Menu 3.0-4.3**. I have taken extra care to test and compress this package making it both safe (provided you follow directions) and very small. It is possible to do most of these steps offline as well, as long as you put the required WAD files on the root of your SD card. Network is the preferred and safest method. As with any softmod there is risk involved. Improper use of this package and the applications included can, (and will!!!) brick your Wii if not used properly. Neither I nor the coders of the included applications will take any responsibility if you damage your Wii in any way. **YOU HAVE BEEN WARNED!**

NOTE: If any step makes the HBC upside down, just wait, the fix is below. **Do it in order**, and hang in there!

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Modding Steps:

- a) Loading Methods
- b) Hackmii/HBC/BOOTMii
- c) Pimp My Wii
- d) Upside Down HBC
- e) Priiloader and hacks.ini
- f) Neogamma Disk Loader
- g) USB Loaders
- h) Nand Emulation

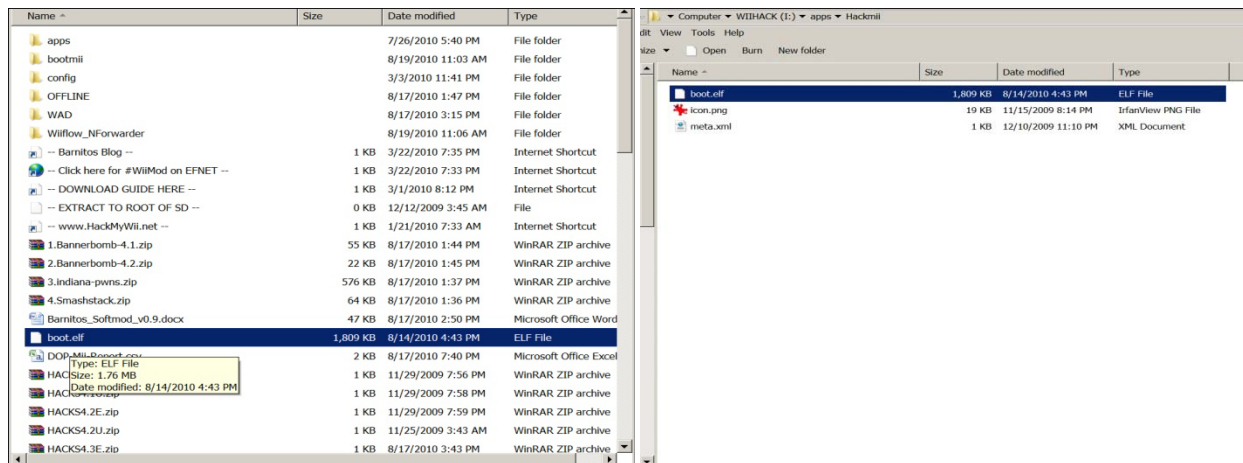
Included Applications:

1. Bannerbomb <http://wiibrew.org/wiki/Bannerbomb>
2. Indiana Pwns http://wiibrew.org/wiki/Indiana_Pwns
3. Smash Stack http://wiibrew.org/wiki/Smash_Stack
4. Pimp My Wii <http://hackmywii.net/pimp-my-wii-v2-0-2>
5. Priiloader <http://wiibrew.org/wiki/Priiloader/Priiloader>
6. Dop-Mii <http://code.google.com/p/dop-mii/>
7. HBB http://wiibrew.org/wiki/Homebrew_Browser
8. GC Settings Fix (Wiimote Sync Error)
9. GC Wad Manager (Wiimote Sync Error)

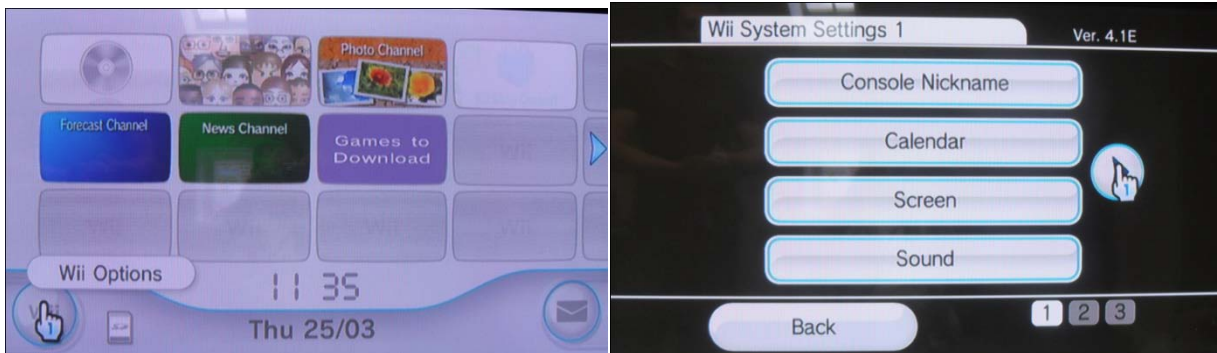
Preparation Notes:

I. **SD Installation:** Extract [Barnitos Softmod v0.9.rar](#) to the ROOT of your SD CARD. (make sure you put the Hackmii installer where required [**STEP II BELOW**])

II. You **MUST** download the Hackmii installer from <http://Bootmii.org/download> and put the **BOOT.ELF** on the root of the SD card, and in the sd://apps/Hackmii/ folder on your SD card **BEFORE** you begin. **THIS IS A REQUIREMENT FOR ANY BOOTMII, OR HBC INSTALLS!!**



III. Determine your system menu by going into the Wii System Settings:



a. If you are on **Wii System Menu 3.0-4.1** **START AT STEP A1.**

b. If you are on **Wii System Menu 4.2** **START AT STEP A2.**

c. If you are on **Wii System Menu 4.3** **START AT STEP A3.**

NOTE: This requires Lego Indiana Jones, or Super Smash Bros Brawl.

Usage:

A. Loading Methods: There are four different methods to exploit your Wii and load homebrew. **Bannerbomb, v1, Bannerbomb v2, Indiana Pwns, and Smashstack (USA WIIs ONLY).** Indiana Pwns and Smash Stack require Lego Indiana Jones, or Super Smash Bros Brawl. **NOTE: IF YOU HAVE SAVES OR VIRTUAL CONSOLE GAMES SAVED TO YOUR SD, RENAME THE PRIVATE FOLDER ON YOUR SD TO PRIVATEOLD BEFORE PROCEEDING!**

A1. For Wiis 3.0 - 4.1 simply extract **1.Bannerbomb-4.1.zip** to the root of the sd, put the SD card in the Wii and click the Wii button in the bottom left of the channel menu, then select data management, channels, then click the SD Card tab at the top right of your screen. The Wii should prompt you to load boot.dol/elf, Click yes. **GOTO STEP B**

A2. For Wiis on 4.2 simply extract **2.Bannerbomb-4.2.zip** to the root of the sd, click the SD button in the bottom left of the channel menu, then insert your SD Card. The Wii should prompt you to load boot.dol/elf, Click yes. **GOTO STEP B**

A3. For Wiis on 4.3 simply extract **3.indiana-pwns.zip** (for LEGO Indiana Jones) to the root of the SD.
INDIANA PWNS DIRECTIONS: (LEGO Indiana Jones: the Original Adventures)

1. Put your SD card in your Wii and turn it on.
2. Go into Wii Options -> Data Management -> Save Data -> Wii.
3. Go to SD card and select the "Indiana Pwns" save that corresponds to your game region.

NOTE: Some people are having problems with the Wii not "seeing" the save file on the SD card. If you are experiencing this, join #wiimod on Efnets for more info.

4. Copy the save to the Wii.
- 5 Boot LEGO Indiana Jones.
6. Load the saved game you just copied to the Wii.
7. When the game loads, you will be in Barnett College. Walk to the *Art Room* (through the *Courtyard*), approach the left character on the podium. When it zooms on him, choose the *switch to* option (two silhouettes, staggered, with an arrow pointing between them). Hackmii will load. **GO TO STEP B**

SMASH STACK DIRECTIONS: (Super Smash Bros. Brawl X.XU WIIs ONLY)

NOTE: THIS METHOD MAY TAKE MANY ATTEMPTS, KEEP TRYING!

1. Go to the stage builder, move any existing custom stages on Brawl to your SD card, and exit the stage builder. Smash Stack **will not work** if the console has any custom stages on it, even the three samples that come with a new file.
2. Connect the SD card to your computer and rename the "private" folder to "privateold" in the root of the SD card.
3. Extract **4.Smashstack.zip** for Super Smash Bros. to the root of the SD.
4. Insert the SD card into the Wii.
5. Go back to the stage builder and Hackmii should load. **GOTO STEP B**

B. Hackmii: Now you should see the Hackmii installer, wait a few moments and it will prompt you to **"Push 1 to Continue"**

B1. First you want to install Bootmii as boot2 (**if possible**). Newer Wii's have their boot1 fixed making boot2 installs impossible, so owners of those Wiis will have to settle for Bootmii as an IOS. **NOTE: If you can do a boot2 install it is recommended you install the IOS as well.**

B2. Next install the HBC, I hope everyone knows what this does.

B3. It is STRONGLY recommended that you use Bootmii to make a NAND backup (provided it installed as a boot2) before proceeding, as it will make your Wii nearly 100% brick proof in the event that something goes wrong.

B4. If you power off the Wii, then power it back on, this should load Bootmii **if not** you can load from the HOME menu in the HBC. To do this part, you can use a GameCube controller, or the Power and Reset buttons on the front panel (power cycles the options, and reset selects the highlighted option). Select the Gear icon, then the GREEN CHIP to SD icon (not red), and follow the onscreen prompts to make the backup. **NOTE: Bad blocks are NORMAL, and your SD card needs 512 MB or free space.**

C. Pimp My Wii: This handy little util will install all IOS, CIOS, AND SYSTEM MENU FILES on your Wii to be homebrew friendly, as well as update outdated channels and other system menu components.

C1. Open Pimp My Wii from the HBC, once at the main menu select "pass test and fix" (**if this doesn't work try "Hack Your Wii / Minimal Installation" then retry pass test and fix**). Pimp will scan the installed IOS, then ask you to push A to initialize the network. then push A to continue. Now it should start telling you what it is installing and why, leave all the yes/no Options alone, and just push A at each prompt. Just keep pushing A until it starts to install. When done exit to the HBC.

D. Upside Down Homebrew Channel: The HBC is programmed by Team Twizzers to turn upside down if it is running on a IOS that has the sig hash (Trucha) bug installed. This is to prevent piracy... and it is easily fixed, provided you ran 'PIMP MY WII ABOVE'

D1. Find the Hackmii installer in the HBC, and open it. (**if it is not there you failed to put the Hackmii installer's BOOT.ELF where required, REDO PREPARATION NOTES STEP II**) Reinstall the HBC then exit, now the homebrew channel should now be right side up, and running on IOS 34, IOS 61 or IOS 58. (You can check this by pushing HOME while in the HBC.)

E. Priiloader and HACKS.INI: Priiloader is a great tool for brick protection, region free channels and games, plus it blocks updates online and from the Disk channel. **NOTE: The included Priiloader DOES work with the new HBC 1.0.8 title ID. This means it will auto load the HBC, while the Priiloader on google code will NOT.**

E1. Install Priiloader with the included installer. On the root there are zipped up hacks.ini's for 4.1e, 4.1u, 4.2e, 4.2u, 4.3e, and 4.3u extract the appropriate one for your system menu to the root of the sd then boot into Priiloader by powering the Wii down then powering it back on while holding reset. Next open the system menu hacks in Priiloader, and enable the following: ALL region free options, All update blocking options, and the "move disk channel" option, then save your settings and exit.

F. Neogamma Disk loader: **NOTE: THIS IS NOT NEEDED IF YOU ONLY WANT TO LOAD OFF USB, GO TO STEP G.** Neogamma loads almost all games from DVD+-R media or USB. (However I highly recommend Wiiflow or CFGloader for USB) The new DVD chipsets that have been released lately have had the DVD debug commands removed, and these commands are what loaders like Neogamma exploit to load off backups. So the only option for these Wiis is USB. **IF NEOGAMMA FAILS TO LOAD ANY DVD MEDIA, GO TO STEP G.**

F1. Get the LATEST Neogamma from here: <http://gbatemp.net/index.php?showtopic=219243> and extract the Neogamma folder to the sd://apps/ folder. Open it insert a DVD-R backup and load DVD.

G. USB Loaders: The 2 best USB loaders are Wiiflow and CFGloader. I prefer Wiiflow so we will start with that. The main Wiiflow site doesn't update the packages, they only release new updates on a google code page. [if you would rather use cfg go to <http://code.google.com/p/cfg-loader/>]

G1. Get Wiiflow from <http://code.google.com/p/wiiflow/downloads/list> and extract it to the root of your sd. file comes with detailed directions if you get stuck.

G2. USB HDDs and Wii backup Manager: Now you just need to format your Wii's HDD properly. For that you need to go here <http://gbatemp.net/index.php?showtopic=188295> and get the Wii Backup Manager. Read the included instructions to format/add games to your usb drive. If you want multiple partitions on your HDD for use with emulators and the HBC, there is an excellent guide here: <http://www.Wiihacks.com/recommended-faqs-guides-tutorials-only/25982-how-create-multiple-partitions-your-usb-hdd.html>

H. NAND Emulation: <http://www.Wiihacks.com/recommended-faqs-guides-tutorials-only/28628-triiforce-how-play-Wii-ware-games-sd-card.html> follow the directions... lol

Troubleshooting:

A. Cannot sync Wiimote error: NOTE: This REQUIRES a GAMECUBE CONTROLLER. If you have a Wii where you can't sync the Wiimote you most likely have a corrupt settings file on your Wii NAND, we can fix this. If you have Priiloader installed or Bootmii as a boot2 then you can navigate to the HBC with a **GameCube controller** and fix it. You need to know the system menu rev ie. v481 (4.2u) you can find this in Priiloader in the bottom left of the screen. It is VERY important that you KNOW what version number you have installed as you need to know this when selecting the WAD file for your system menu to reinstall. Below is a table to help you select the correct WAD file from the included link.

The required wads can be found here: <http://hackmywii.net/downloads?category=23>

A1. Put the setting.txt on the root of your SD card.

A2. Use gc_wadmanager to reinstall your system menu WAD (with GC controller)

A3. Run gc_settings fix and use your GC controller and fix your setting.txt file. Hopefully you are now unbricked.

B. Opera semi brick: This happens when you inadvertently install a system menu from an out of region disk update. Now when you try to access your setting you either get system files corrupted, or the Opera error screen. Luckily this is an easy fix. If you have Priiloader installed you need to know what version of the system menu you are on. for example if your Priiloader says v482 and you are in the usa you can look at the table and see that you have a 4.2e installed. and that you need v481 WAD installed, to fix your Opera semi-brick.

B1. Get the correct system menu wad from below and install with Pimps wad manager. You should now be able to access the Wii options.

Error Code Index

Note: This is taken from www.Wiihacks.com Props go to messie.

-6:

SD/USB Loader Error Partition not Found. Most likely have a cIOS installed incorrectly, out of date, or missing. Possibly formatted the device incorrectly or device is not compatible yet.

-1:

SD/USB Loader Error Hardware not recognized. Most likely have a cIOS installed incorrectly, out of date, or missing. Possibly formatted the SD card or USB incorrectly, is unsupported or not enough space.

0:

SD/USB Loader Error Corrupt ISO. Most likely patched incorrectly (you don't have to patch region when using USB Loader).

001:

Unauthorized Device Detected Most likely outdated firmware for your modchip, or possibly an outdated or missing IOS. Update to latest cIOSx

002:

DVD Read Error / Anti-piracy security Most likely old or missing IOS.

Q. How can I fix this?

Install a newer IOS 249. Neogamma R8 should fix this from DVD-R. Wiiflow, USB Loader GX, CFG, and Uloader are USB alternatives. Also keep in mind that some games require alternate dol loading method to play.

003:

Unauthorized device on 4.2 thanks to N we have a brand new error code. This is fixed by updating your CIOSx to rev 19.

102:

Installing/Uninstalling WAD's/Downgrading/Region Changing If it's a WAD files ticket just reinstall the WAD and then uninstall using Wad manager v1.3/1.4/1.5/1.6.

116:

Network Connection Error Failed to connect to the internet or previous installation failed.

324:

DVD Read Error Bad burn/media or no cIOS (like IOS 249).

349:

DVD Read Error Bad burn/media or most likely incorrect IOS.

384:

DVD Read Error Bad burn/media or out of date IOS.

574:

DVD Read Error_Bad burn/media or out of date IOS. May not be compatible with certain versions of backup launchers (new revs should fix this).

972:

DVD Read Error Bad burn/media or out of date IOS. Possibly could be a computer issue.

Q. If it is a computer issue, how do I fix it?

A. First, make sure the type of media you're using is compatible with the Wii and/or your computer's DVD Burner. Make sure you are using DVD-R discs, seeing as they are most compatible. Verbatim DVD-R discs burned at 4x work perfectly.

1017:

IOS Installation Error Most likely using an old or incorrect IOS, missing an IOS, or the IOS you're trying to install cannot be installed on top of another.

Q. How do I fix this error?

A. Fix it by installing a newer IOS 249 than the one you already have (if you don't have it, try installing it). If you still get this error, fix it the same way as Error 2011 (below).

1020:

Wad Install Error Most likely missing Trucha sign if you downgraded. Other issues are Out of date IOS or bad/incorrect wad. Memory might be full.

1022:

Wad Install Error Most likely incorrect format or corrupt SD card. Memory might be full.

1029:

Wad Install Error_Most likely have cIOS 37 (or other outdated/incorrect IOS) still installed. Memory might be full. Wad may be corrupt (patched/injected incorrectly).

Q. How do I fix this Error?

A. Fix it by reinstalling cIOSx rev19. Try using Custom Wad Manager, as some cIOS may be incompatible with the normal Wad Manager. Try a different wad.

1035:

Corrupt IOS Most likely caused by using incorrect or bad IOS/wad installations. Fix it the same way as Error 2011.

1036:

Update error through waninkoko's 4.1 firmware updater. This is caused if ios60 patched was not previously installed. (outdated way to update, use DOP-MII)

1048, 1053 & 1101:

DVD Read Error Bad burn/media or incorrect cios/neogamma version. If you are already using **Verbatim DVD-r burned at 4x**, try switching to Neogamma R8 and cIOSx rev19. Also this error will persist on newer Wiis, meaning that **they have the new D3-2 chip which cannot read backups at all**. Only option for those is USB loaders.

2011:

Installation Error Most likely installed incorrect or out of date IOS.

Q. I can't install any IOS, I keep getting an error. How do I fix this? (FIX for errors 1017, 1035, 2011)

A. You can use restore the Trucha Bug into IOS36 with the DOP MII (Chapter 3, step C) or the Trucha Bug Restorer (Chapter 5, step A1 & A2).

4100:

Title Identification Error When using DVDs, most likely bad burn or media. For wads, most likely an incorrectly injected wad (.dol and rom injections).

Q. I injected the .dol/rom the same way I do all my injections. What am I doing wrong?

A. You'll need to make sure the account you're using has all permissions. If you're running Vista, you may want to right click on the program and click run as administrator as well.