Media centre on a pi

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We're going to use OSMC (formerly known as Raspbmc) as an OS on the raspberry pi to provide you with a whole host of in built functionality. First you're going to need to download an image (a snapshot of an SD card) of Raspbmc by going to the URL (if you're doing this at home, avoid the network installer unless your RPi is using wired ethernet and not WiFi):

http://download.raspbmc.com/downloads/bin/filesystem/prebuilt/raspbmc-final.img.gz

Once you've downloaded that you'll need to write this image to your SD card (which ideally should be 4GB or greater, you may encounter issues with a smaller card). To write this image you'll need a piece of software called `win32diskimager` which can be downloaded and installed from the URL:

http://sourceforge.net/projects/win32diskimager/?source=navbar

1. Insert the SD card into your laptop.

2. Once downloaded, unzip and install `win32diskimager` and open it up.

3. Select the SD card from the dropdown menu.

4. Click write and wait for your image to be flashed.

5. Once finished, unplug the SD card and pop it into the Raspberry Pi.

On demand services

1. Press CTRL + ALT + F1, this should leave you in a black terminal screen logging in with the credentials:

   - Username: `pi`

- Password: `raspberry`

2. Type `wget https://github.com/MVSE-Outreach/digimakers-dropin-worksheets/raw/master/medi`

3. Press CTRL + ALT + F7 to get back to the media player

4. Navigate through to `System` > `Settings` > `Addons` > `Install from zip file` > `Home folder` and select `iPlayer-v2.5.9.zip` to begin installation.

Should you wish to use ITV's online player follow the above steps but with the URL: https://xbmc-itvplayer.googlecode.com/files/plugin.video.itv_2_0_4.zip

What to do next!?

- Stream media from your tablet or phone to the media centre

- Change the name of your media centre

- SSH into your media centre

- Control XBMC (the media centre software) with your tablet or phone

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