

# Readme of mpd add-on 2.1.1

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## **Abstract**

We can use mpd with mpc as a jukebox on iLiad. This is an add-on for Adam B.'s port. It adds some nice features like volume control or single track repeat mode.

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## **1 Why this add-on?**

I tweaked mpd's config file & changed or added some shell scripts. This tiny mods made my life more easier, because

they added features which were missing in Adam B.'s release. Maybe you like it, too. The iLiad is *not* a perfect mp3-player but imho a very cool e-book reader with mp3/ogg jukebox.

## 2 Installation

1. You can use Jukebox on CF/MMC/SD/USB-Stick/memory card in USB-card-reader [e.g. 2 GB SD].
2. If you used an older version of Adam B.'s mpd package or my add-on before, please delete the directories "mpd", & "Music" on your memory card.
3. Copy the directories "mp3", "mpd\_install", & "Readme" from zip-file to root of your memory card.
4. Copy your mp3/ogg files to the folder "mp3" on your memory card.
5. Insert memory card in iLiad. Search for "Jukebox Installation"- "Click on me to install Jukebox." in Contentlister.
6. You can delete the entry "Jukebox is installed".

## 3 Usage

- All features of this jukebox are enabled and disabled by entries in Contentlister. The easiest way to handle reading & listening music is using of "Recent Documents".
- Search for "Jukebox"- "Click on me to jump to Jukebox directory" in Contentlister.
- Click on "Start 1st Playback" to start playback.
- You can use the "Contentlister Playlist" to navigate trough playlist.
- You can turn off your iLiad during playback, in the next reading session you can click on "Continue Playback" to load last status.

## 4 Changelog

### 4.1 v2.1.1

I removed a great bug: installation routine didn't work on CF & MMC. The crux of the matter was `scriptdir='/usr/bin/dirname $0'` on CF & MMC starts with `/media/`, but on USB with `/mnt/`. The sed command in shell script was not written for `/media/`. Ouch!

```
/mnt # ls -l |grep media
lrwxrwxrwx    1 root    root      11 Jun  1 13:16 card -> /media/card
lrwxrwxrwx    1 root    root      9 Jun  1 13:16 cf -> /media/cf
lrwxrwxrwx    1 root    root     10 Jun  1 13:16 net -> /media/net
lrwxrwxrwx    1 root    root     10 Jun  1 13:16 ram -> /media/ram
/mnt #
```

### 4.2 v2.1

I wanted to simplify installation of jukebox. Therefore Adam B.'s mpd package is included, installation routine is added. `tgz` helps to reduce size & number of files. User needs to download only one file & can use it for all memory cards which iLiad can read.

### 4.3 v2.0

1. Tweaking mpd's config file was easy but result looks like magic.
  - mpd saves status when it terminates, therefore scripts can load status of last playback.
  - volume control ;-)
2. scripts use more features of mpc
  - single track repeat mode
  - shuffle playlist
  - repeat playlist
3. removed the scripts "link buttons to Recent Document" & "Link Music Box dir to Buttons". They were not compatible with os 2.10.

## 4.4 v1.0

1. Reordered script entries in Contentlister
2. new covers, manifest.xml
3. "Update Playlist" script starts playback
4. now 2 "Update Playlist" Scripts: w/ and w/o Contentlister Playlist
5. Combined pause/play button
6. "Update Playlist", "Previous Song", "Next Song", "Pause/Resume" update the Status message
7. added scripts "Symbolic Link to the 4 Hardware Buttons"
8. removed 2 bugs of Contentlister Playlist:
  - no-cover bug [manifest.xml likes only relative cover image path]
  - wrong order of entries [1,10,11,...,2]

## 5 Known Bugs

- Playback stops for a short moment at some times: when you switch page in pdf viewer etc.

*Have fun with your little iLiad, yokos*