

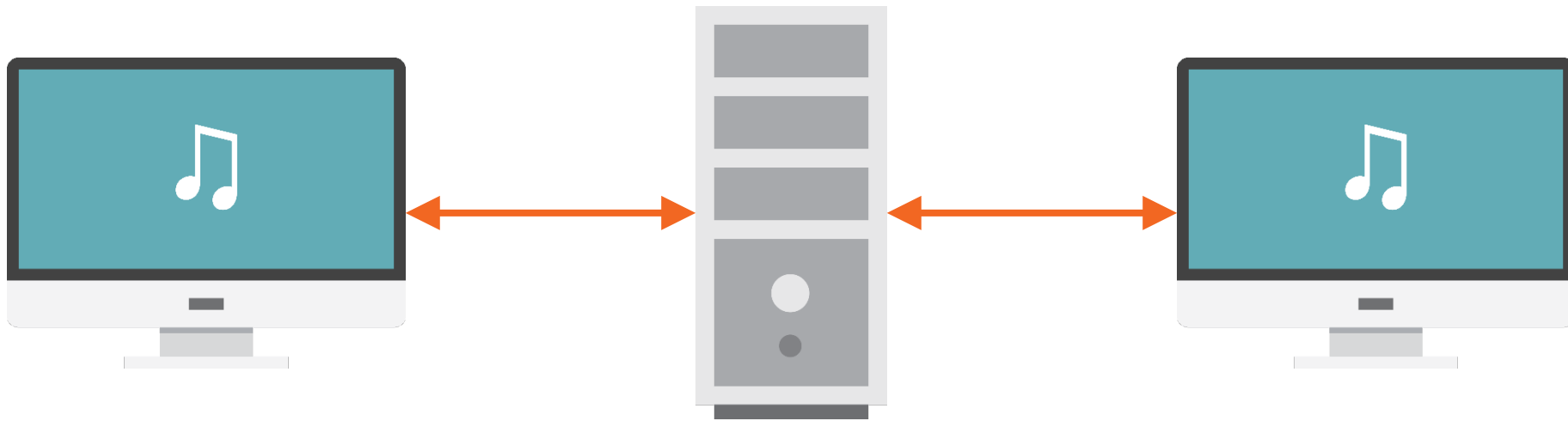
# Sharing Media with DLNA



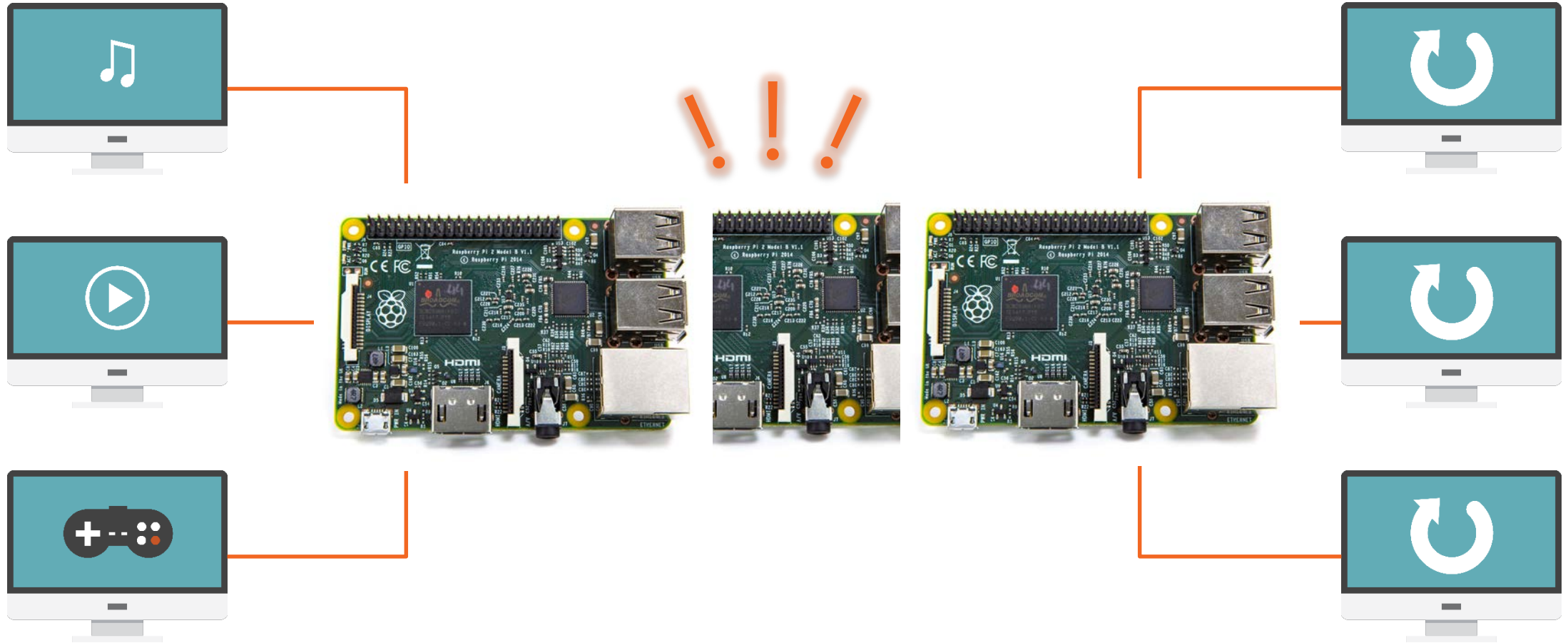
Mel Grubb

@melgrubb | [melgrubb.wordpress.com](http://melgrubb.wordpress.com)

# What is DLNA?



# Accepting Limitations



# Choosing a Media Server

## MiniDLNA / ReadyMedia

- Works on all Raspberry Pi models
- No user interface
- Webmin module available
- Not always up to date
- Works better with some media players

## Plex Media Server

- Only works on Pi 2
- Fancier, full-featured interface
- Can transcode some (not all) media
- Needs some tweaks to set up
- Doesn't get along with Windows Media Player

# Installing MiniDLNA

Install via apt-get

Set up directories

Configure

Enjoy

# Demo: Installing MiniDLNA

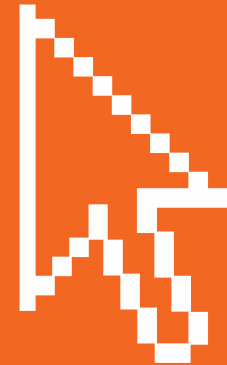
Install MiniDLNA

Set up directories

Copy some files in

Configure MiniDLNA

Browse using Windows Media Player



# Decisions Decisions

Keep current version

Install "Jessie"  
version

Build it yourself

[www.htpcguides.com](http://www.htpcguides.com)

# Demo: Installing MiniDLNA



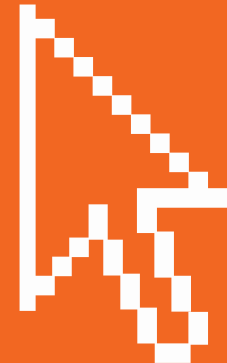


# Updating MiniDLNA

Update sources.list to include Jessie repository

Update minidlna

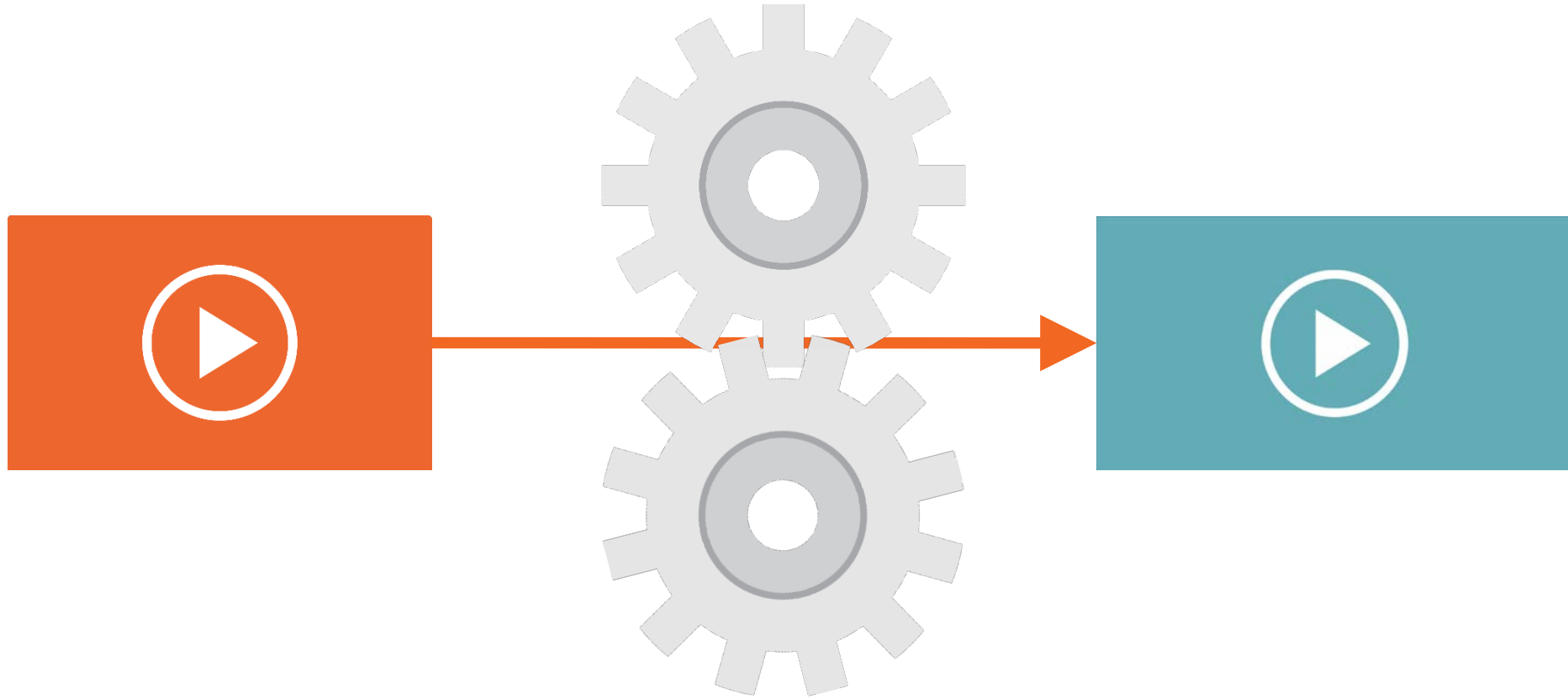
Put sources back as it was



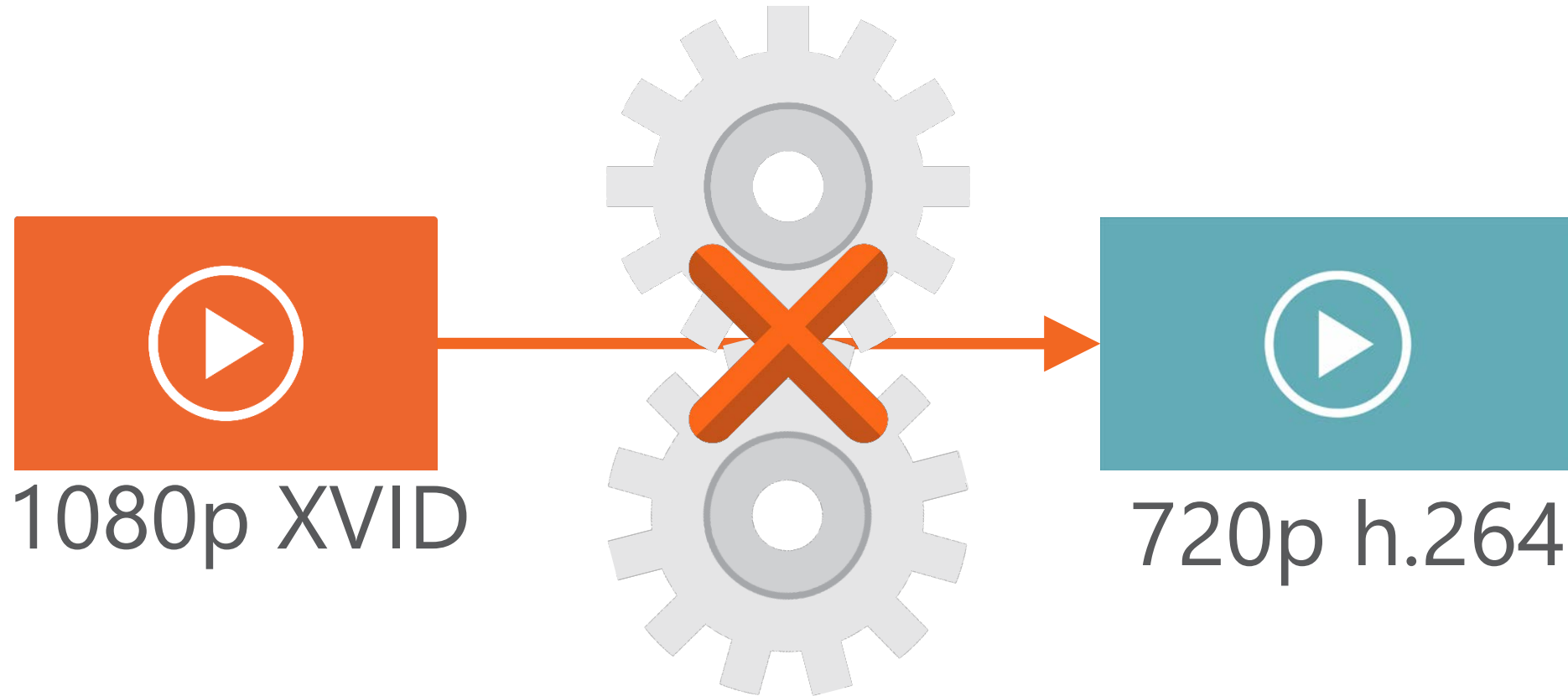
# Plex Media Server



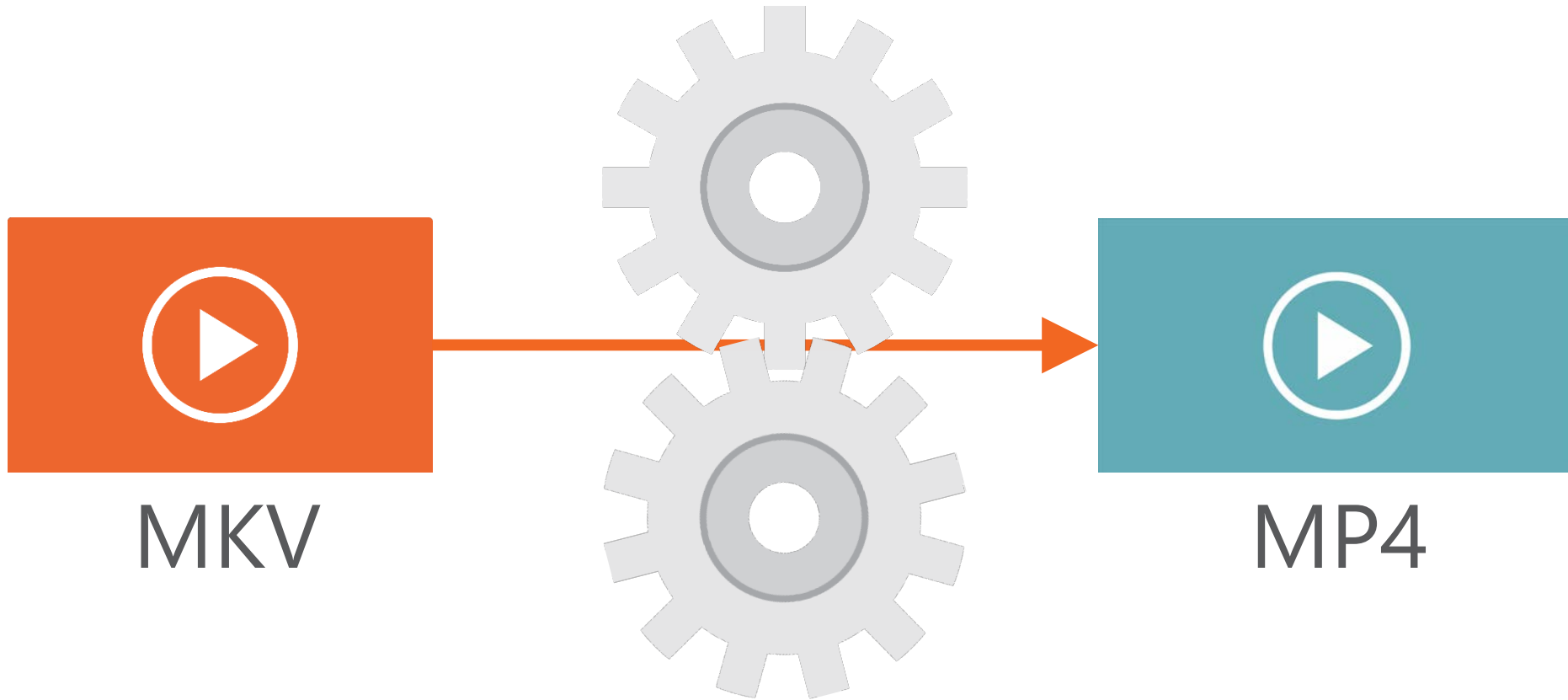
# Plex Media Server



# Plex Media Server



# Plex Media Server



# Installing Plex Media Server

Install via apt-get

Set up directories

Configure

Enjoy

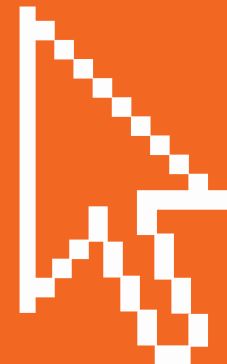
# Installing Plex Media Server

Download signing key

Add source list

Update package sources

Install Plex Media Server

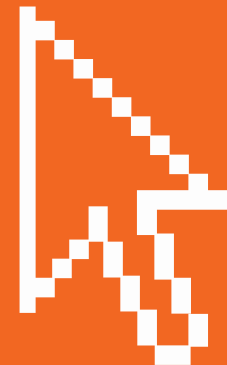


# Configuring Plex Media Server

Open Plex Media Server front-end

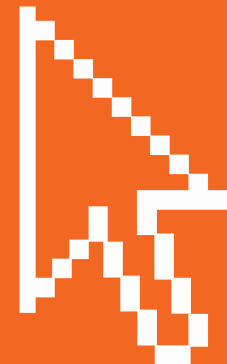
Set up directories

Enjoy

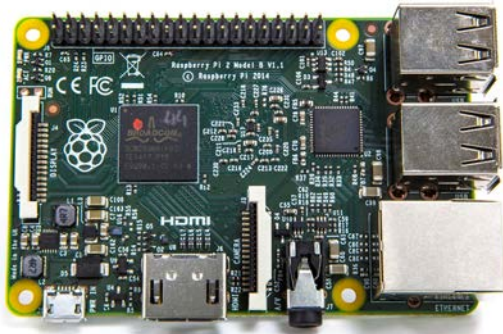




# Transcoding on the Pi



# Summary



- DLNA Standard
- Installed MiniDLNA
- Configured media directories
- Updated to "Jessie" repository version
- Installed Plex Media Server

# Make A Backup

Windows

Win32DiskImager

Mac / Linux

```
sudo dd if=/dev/diskn of=~/.pi.img bs=1m
```



# What's Next?

Backing Up the House