Stream Media from Ubuntu/Mint Linux to XBox360

☞ **UPDATE**: uShare is still the best (in my opinion) way to quickly get a UPnP server running, with low overhead. If you're interested in a more comprehensive solution, though, I recommend that you check out Plex Media Server. It's a bit more work to set up, and also more taxing on your host machine, but *very* feature-rich. (It has a Roku client channel too, which uShare does not.) I also have a newer article discussing MiniDLNA, another lightweight media server.

Original Article

The UPnP media server standard employed by Windows Media Center can be emulated using a utility called uShare.

```
sudo apt-get install ushare
```

Then, edit /etc/ushare.conf and make the following changes:

```
USHARE_NAME=uShareMedia  # The name you want to be visible on your network.

# Interface to listen to (default is eth0).
USHARE_IFACE=eth1  # Change this to your active interface

# Port to listen to (default is random from IANA Dynamic Ports range)
# Ex : USHARE_PORT=49200
USHARE_PORT=  # You probably won't need to change this.

# Port to listen for Telnet connections
# Ex : USHARE_TELNET_PORT=1337
USHARE_TELNET_PORT=  # Same here.

# Directories to be shared (space or CSV list).
USHARE_DIR=/dir1,/dir2  # Point this to the directory/ies containing the
media files you want to share.

# Use XboX 360 compatibility mode (yes/no)
USHARE_ENABLE_XBOX=yes  # This one's important.  Allows your XBox console to
access the media share

# Use DLNA profile (yes/no)
# This is needed for PlayStation3 to work (among other devices)
USHARE_ENABLE_DLNA=
```

Use this command to start up the service:

```
ushare -xD
```

If you need to "cycle" the service (eg, to pick up new media files), use this:

```
killall -q ushare

ushare -xD
```