

dreaming of

a better

home media

experience

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Ford\_Prefect

GStreamer

PulseAudio

Other misc.

The World We Live In

~~content / consumers~~

media / experiences

where from

where to

how

home media center

tv / mobile / ...

DLNA

mobile media center

tv / mobile / ...

DLNA / proprietary

mobile / computer / internet

tv

AirPlay / Cast / WiDi / ...

mobile / computer / internet

speakers

Sonos / AirPlay / Cast / DLNA

What Do We Have?

DLNA

GUPnP / Rygel



Jens Georg

**Media Sharing**  ×

Share music, photos and videos over the network.

**Folders**

- Videos ×
- Pictures ×
- Music ×

**Networks**

- whyfy

Sharing story is 

Computer  
falcon

File Sharing

Screen Mirroring

Media Streaming

Remote Desktop

×

Off

Off

Active

On

Totem for browsing / viewing

Screen cast



Audio cast

PulseAudio (~)

Multiroom: 

What Do We Need?

DLNA stack

Doing well  
Better interop

Totem

Can probably be more  
discoverable / friendly

# Screen cast

## GNOME Shell

↪ PipeWire

↪ GStreamer

↪ DLNA

Audio cast / Multiroom

PulseAudio

GStreamer

gst-sync-server

A common theme...

sharingd?

The other end

Apple TV

Google Cast

Amazon Fire Stick

GNOME as an appliance...

**GNOMECast?**

DLNA renderer  
gst-sync-server

We have the pieces

We need to put them together

Thanks

