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

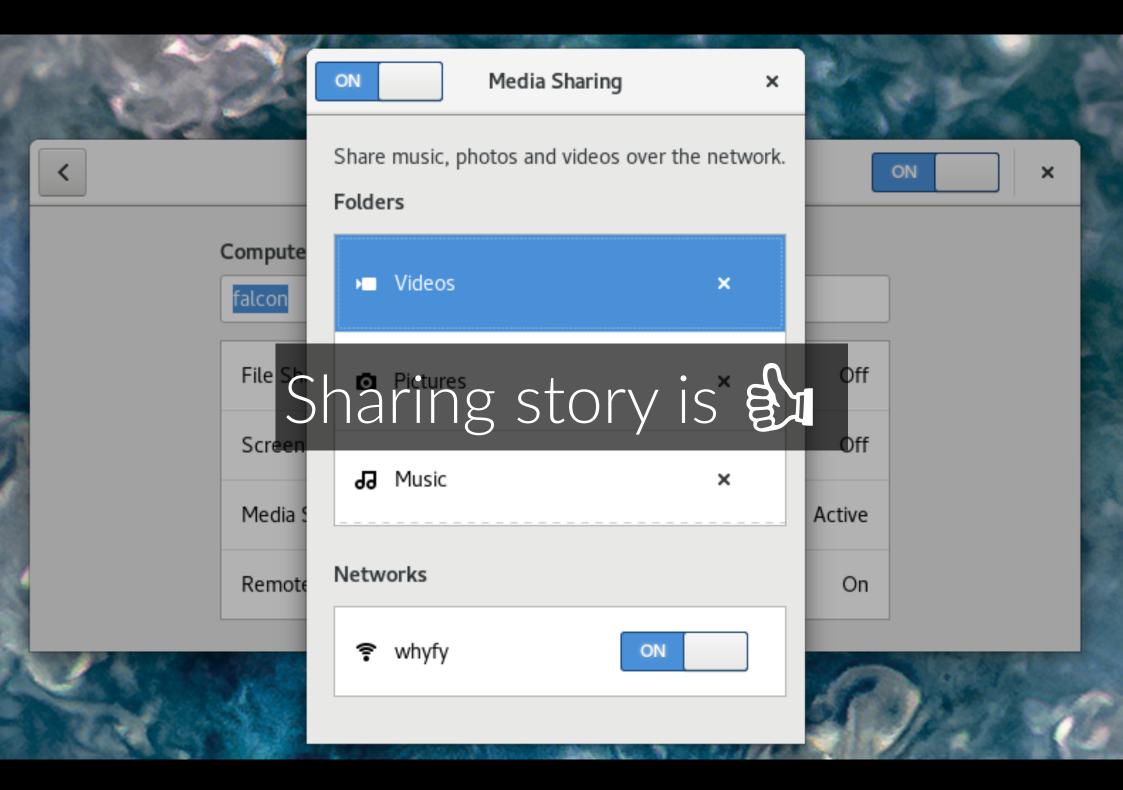
Sonos / AirPlay / Cast / DLNA

What Do We Have?

DLNA

GUPnP / Rygel





Totem for browsing / viewing

Screen cast



Audio cast

PulseAudio (~)

Multiroom: X

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

