# Industry map:
# Offline Wikimedia
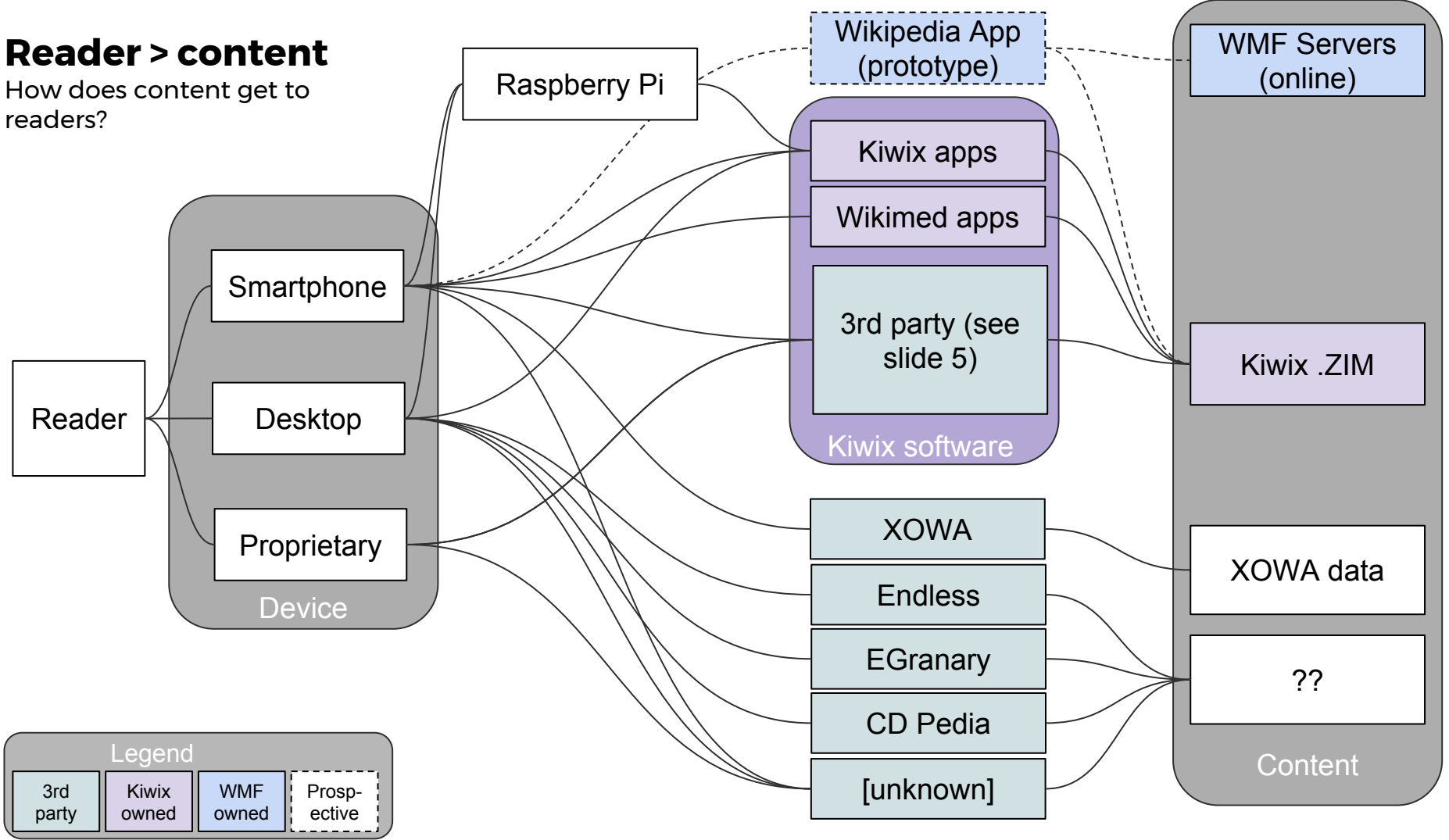
March 15, 2017

# So what is this?

The New Readers team is working to address access as a barrier through supporting offline reading.

The following is our understanding of how Wikipedia's free content gets into the hands of readers who don't always have an internet connection. That includes content packages, software, hardware, and distribution channels.

We should continue to build on this industry analysis with a deeper understanding of use cases and strategic priorities. From there, we will be able to match solutions to opportunities.
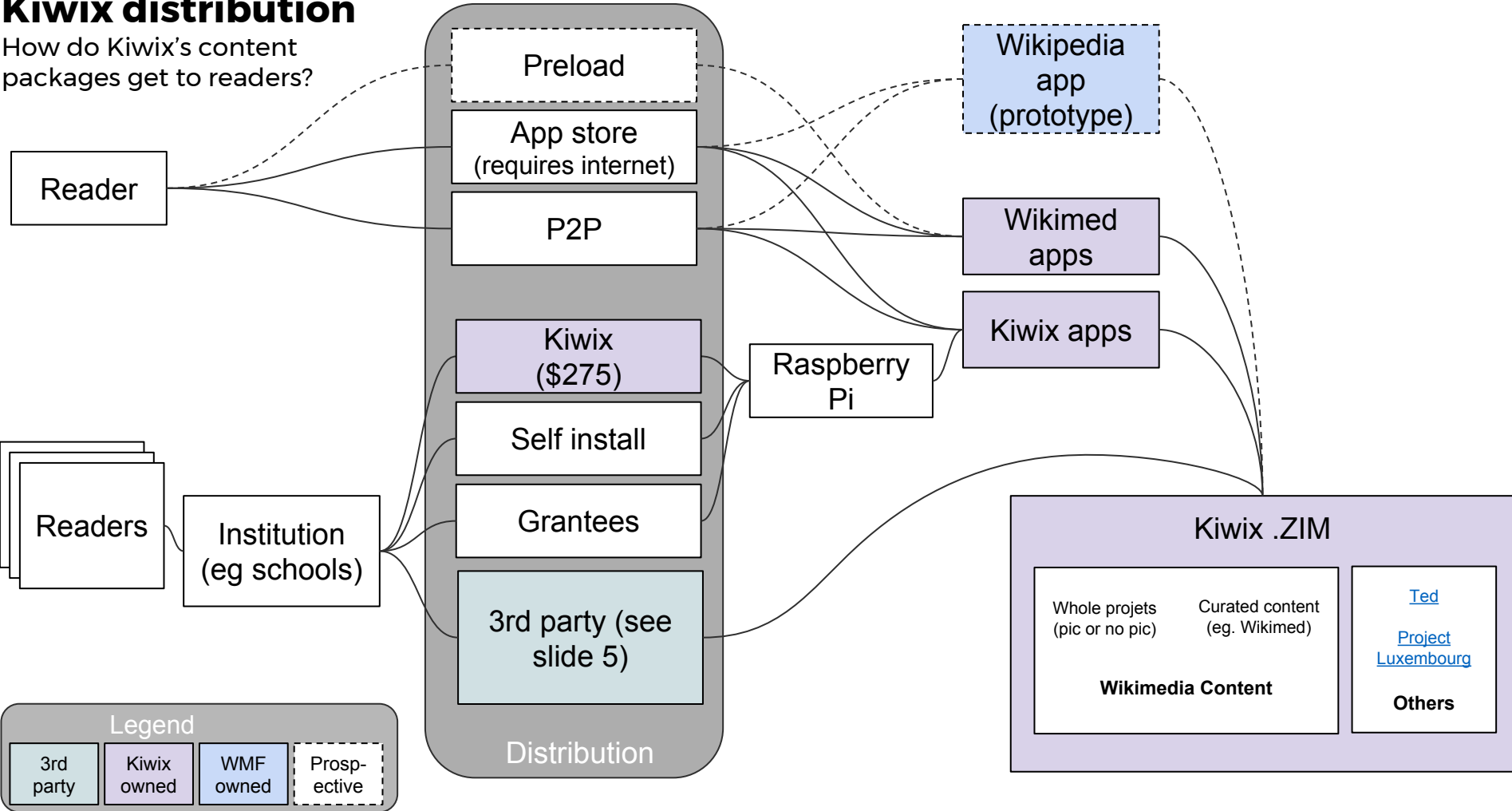
WIKIMEDIA
FOUNDATION

# Reader > content

How does content get to readers?

**Device**
- Reader
- Smartphone
- Desktop
- Proprietary

Raspberry Pi

**Kiwix software**
- Kiwix apps
- Wikimed apps
- 3rd party (see slide 5)

Wikipedia App (prototype)

- XOWA
- Endless
- EGranary
- CD Pedia
- [unknown]

**Content**
- WMF Servers (online)
- Kiwix .ZIM
- XOWA data
- ??

Legend
| 3rd party | Kiwix owned | WMF owned | Prospective |

# Kiwix distribution

How do Kiwix's content packages get to readers?



**Reader**

**Readers**

**Institution (eg schools)**

## Distribution

- Preload
- App store (requires internet)
- P2P
- Kiwix ($275)
- Self install
- Grantees
- 3rd party (see slide 5)

**Raspberry Pi**

**Wikipedia app (prototype)**

**Wikimed apps**

**Kiwix apps**

## Kiwix .ZIM

**Wikimedia Content**

Whole projets (pic or no pic)    Curated content (eg. Wikimed)

**Others**

Ted

Project Luxembourg

### Legend

| 3rd party | Kiwix owned | WMF owned | Prosp- ective |
|-----------|-------------|-----------|---------------|

# Other [known] players using Kiwix

| | Cost | Locations | Device | Comments |
|---|---|---|---|---|
| Digital Doorway | | South Africa | Solar powered terminal | Now deployed w/ solar-powered container |
| Rachel | $99 - $399 | Guatemala, Liberia, Sierra Leone (impact reports) | Content hot spot | |
| Internet-in-a-box | $100 + | Proposed Wikimed (not yet deployed) | Content hot spot | |
| Digisoft | $800-1700 | Africa | Projector with offline content | Digital classroom system": Projector with preloaded offline content (but can also go online). |

# Other [known] players using other alternatives (i.e. not using Kiwix)

|  | Cost | Locations | Device | Comments |
|---|---|---|---|---|
| Endless Mobile | $80 - 24GB $230 - 500GB etc. | Priority: Jordan, Mexico, El Salvador | Plug-in to TV (OS available for download for preinstall in desktops) | - Preloaded "apps" - several with WP content, including a full "encyclopedia" app. - No Wikipedia branding. |
| eGranary | $1800 + 3600 | USA and Kenya | Hard drive (4-8TB) and server | 3 million users around the world |
| CDPedia | free? | Argentina (gov't preloads) + Mexico | CD/DVD | Curated part of ES.WP, by Arg python comm. Last update: 2013 |
| Xowa | Free (cost of data) |  | None (software only: Windows, OSX, Linux, Android) | Users download their own WP copy using database dumps, or by special database files. |