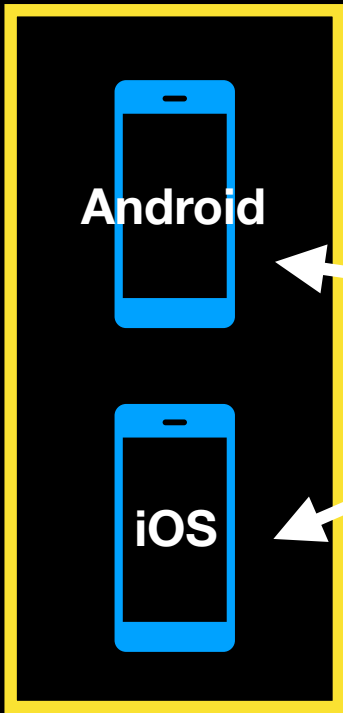
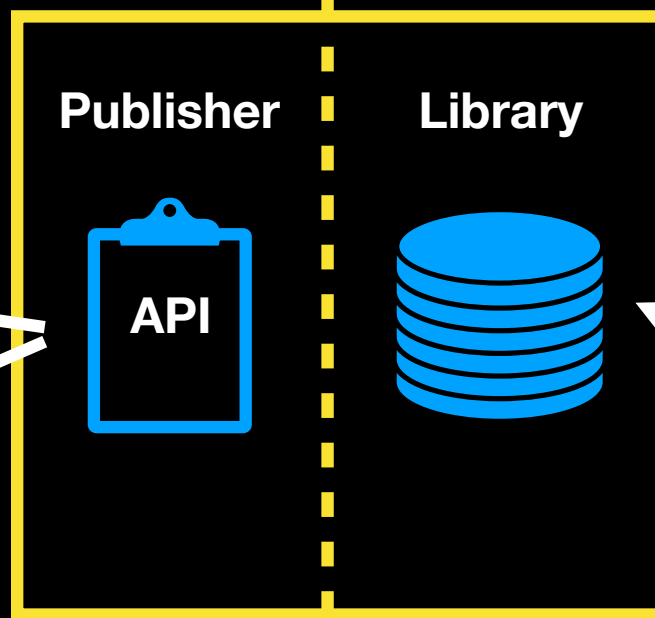


mobile app



Today
Resources
Offerings
Donate
Account

kosa



Today
Resources
Offerings
Donate
Account

Documents
Images
Audio
Video
GeoLoc
Person
Language
Audience
Topic
Collection

*.pariyatti.org



json

json

Vanilla
URLs

(no API)



The “Publisher” half of kosa will provide the API for the mobile apps and a UI for managing that API. The API will be symmetrical with the mobile app UIs. The mobile apps (iOS and Android) will be built off of the same Flutter codebase.

The “Library” half of kosa will read URLs from *.pariyatti.org but will otherwise not communicate with the website at all. Content will be cached and proxied to the mobile apps. Dynamic resources like RSS feeds will be treated no differently from normal URLs but may get closer attention and more frequent polling.

The data model of the Publisher and the Library will be *entirely disconnected*. It should be possible to extract the Publisher as a completely separate service with another database (format) entirely, at a future date.

Library Artefacts

Mobile User Interface

Today
Resources
Offerings
Donate
Account


**links not
permitted**

Documents:
books, essays,
articles,
transcripts,
excerpts, quotes

Images

Audio

Video

Dynamic:
pali lessons,
devanagari,
live events

Library Metadata

Locations
People
Authors
Languages

-


**much
linking**

Audience
Topic
Collection

Data in the mobile app is symmetrical to data in the kosa API, and therefore the Publisher. The Publisher only understands the categories of data the mobile app understands, such as “Today” and “Resources”.

Publisher data is not allowed to be linked to Library data *at all*. For example, if an image (artefact) or a topic (metadata) from the Library collection needs to be displayed on a Today Card, it will be **copied** to the Today card. Publisher (API) data should be treated as though it exists in an entirely disconnected database.

Data in the Library comes in two types: Artefacts (real things, like PDFs and MP3s) and Metadata (logical constructs like “audience”). These two types of data are allowed to be linked.