

FDC³

November 7th, 2017

FDC3 Technical Members

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RBCCM	Espen Skogen, Simon Carley
Thomson Reuters	Jorge Santos, Saori Fotenos
TP ICAP	Adrian Brown, Reid Philpot
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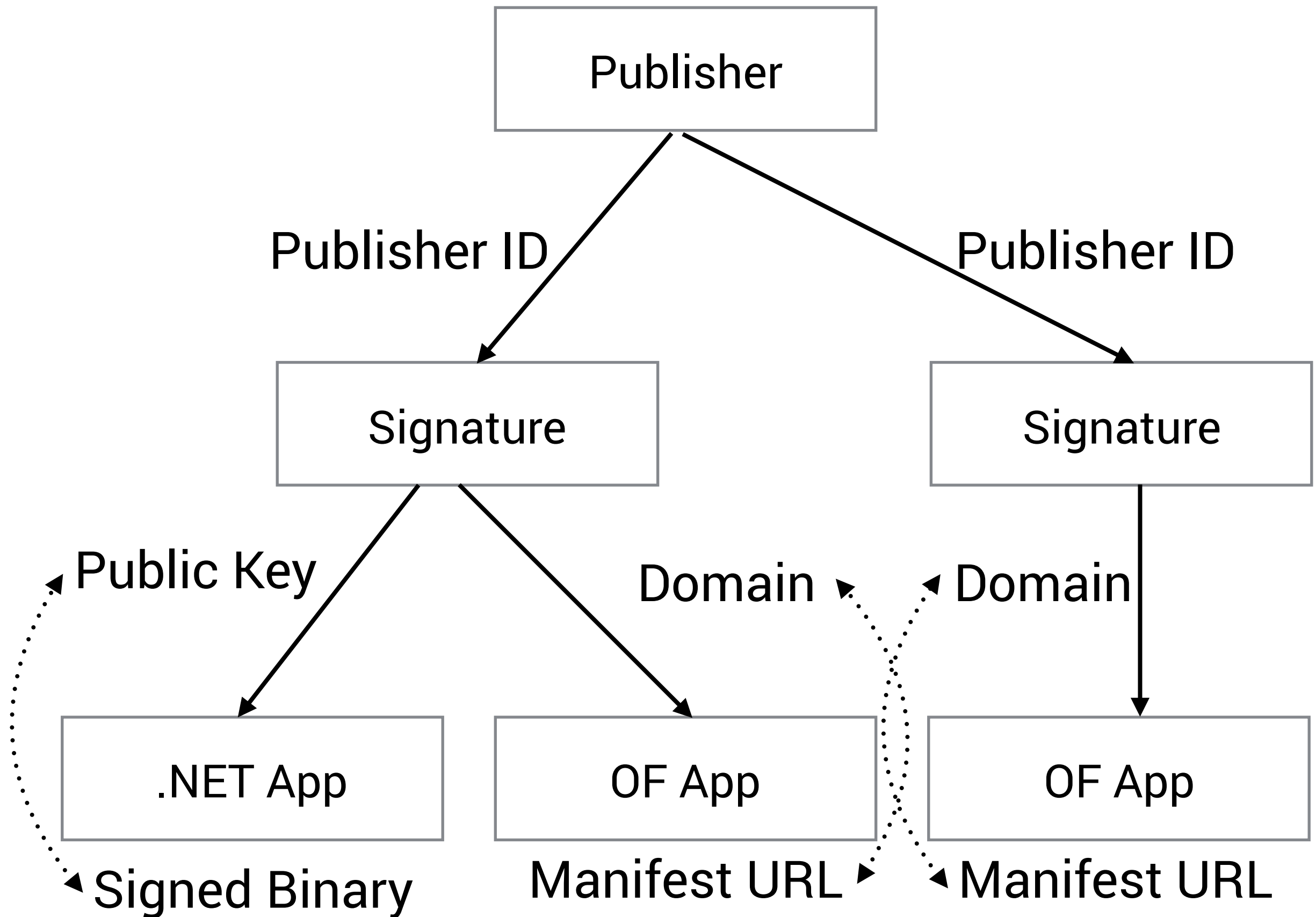
Agenda

- Updates from Last Meeting
- Financial App Directory Prototype
- Open API Prototype

Updates

- Charter
 - Additional feedback?
- Github
 - <https://github.com/FDC3>

Financial App Directory Demo



Application Schema

name (string) - Unique identifier. Name of the application.

contact_email (string) - Owner's contact email.

description (string) - Short description of the app.

date_created (date) - Date the entry was added.

active (bool) - Is the app active\valid?

signature_id (integer) - Join to Signature

publisher_id (integer) - Join to publisher

app_config (string) - HTTPS location where app manifest is stored

Signature Schema

id (number) - Auto generated

name (string) - Name of domain/public key

type (string) - Is it a public key/domain

date_created (date) - Date api key was added

publisher_id (number) - Id of publisher who owns it

active (bool) - Is Domain active

Publisher Schema

id (number) - auto generated

key (string) - sha256 of API key

name (string) - Name of owner of api.

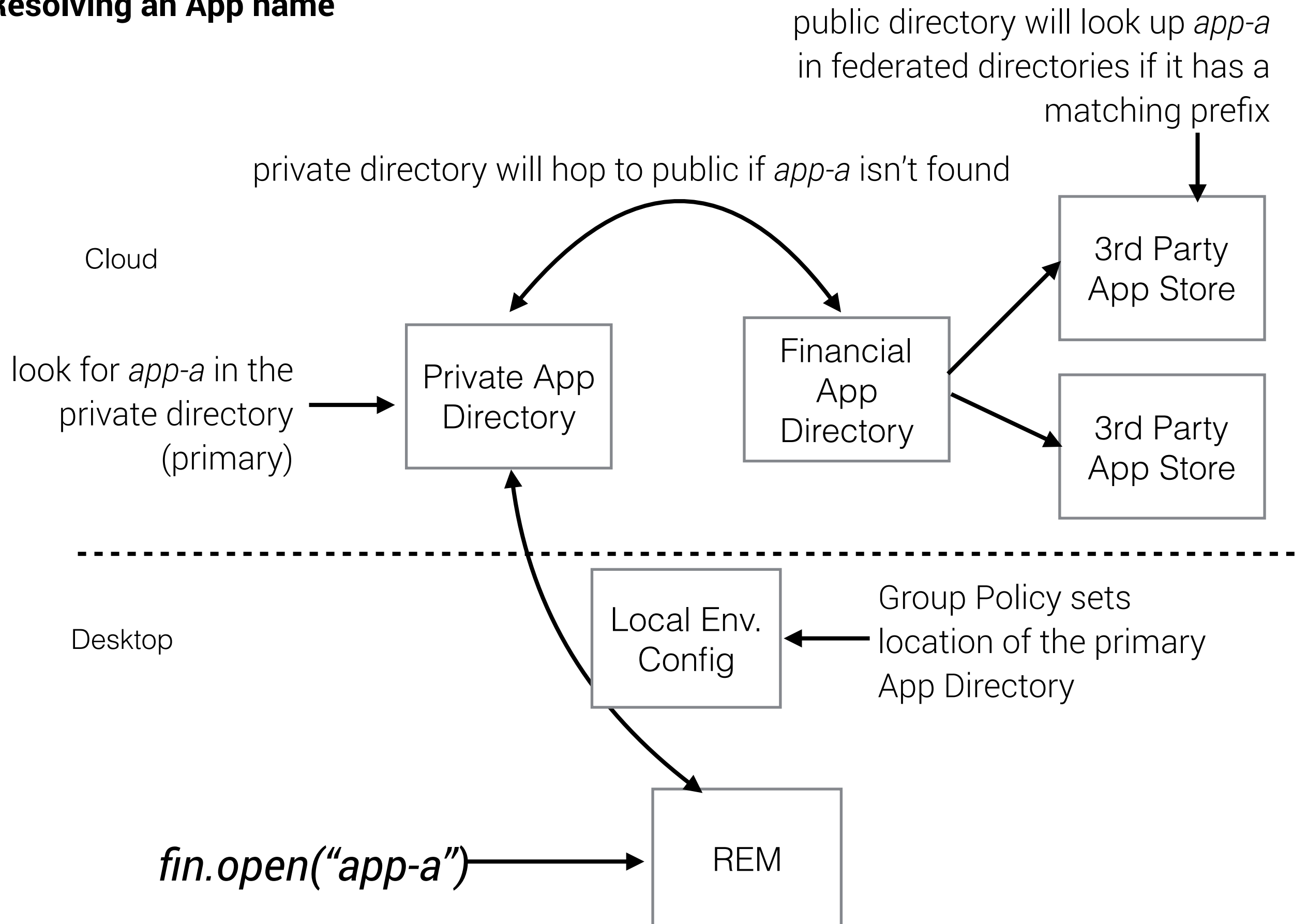
date_created (date) - Date api key was added

active (boolean) - Whether the publisher is valid or not

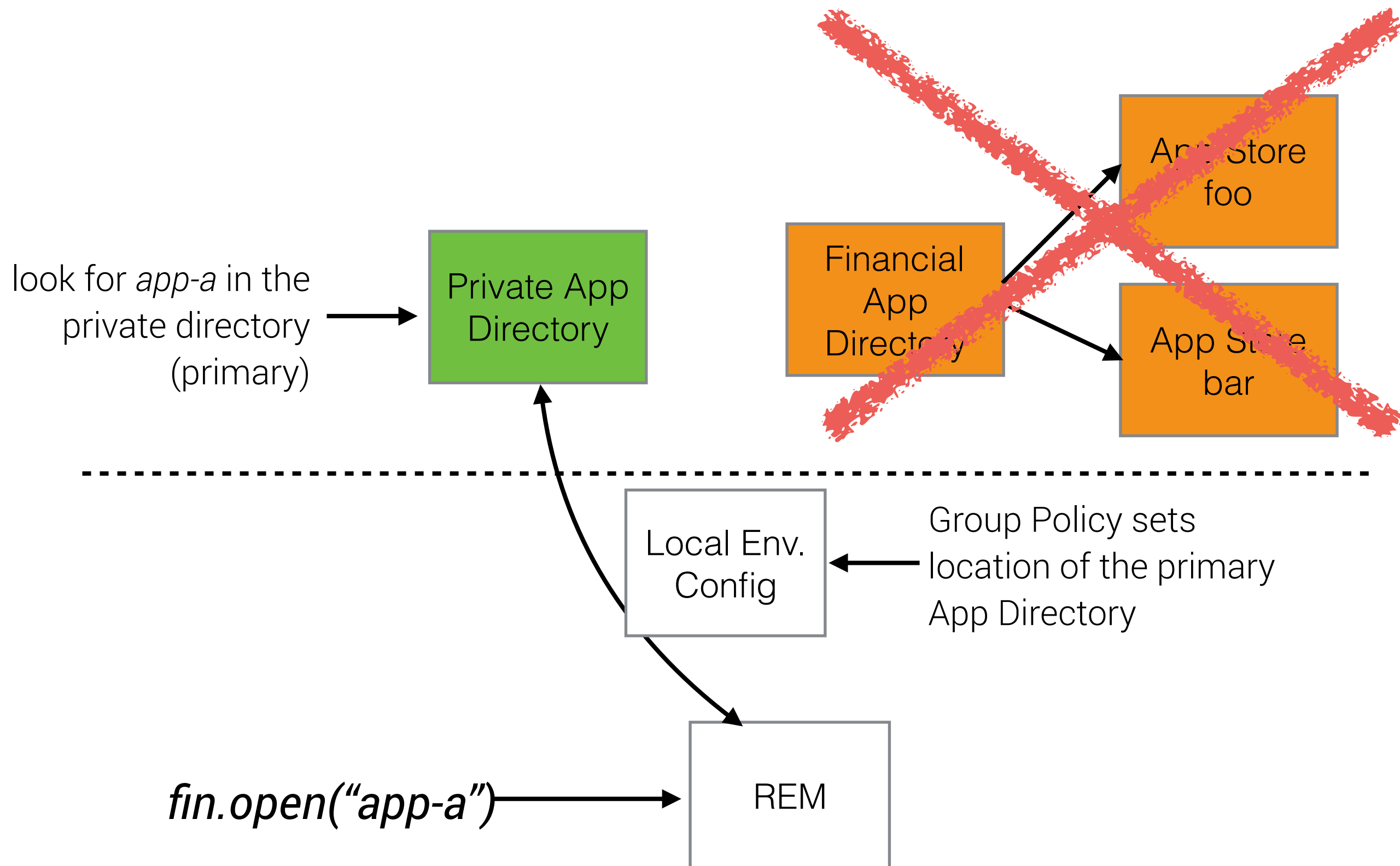
Federation

- (Application name is scoped to URI of the Directory)
- Interface between Directory and Front end is kept simple
- Specific Schema of Financial App Directory is encapsulated
- Disambiguation
 - A private directory can proxy the public directory and override names
 - Directories federated with the public must be namespaced

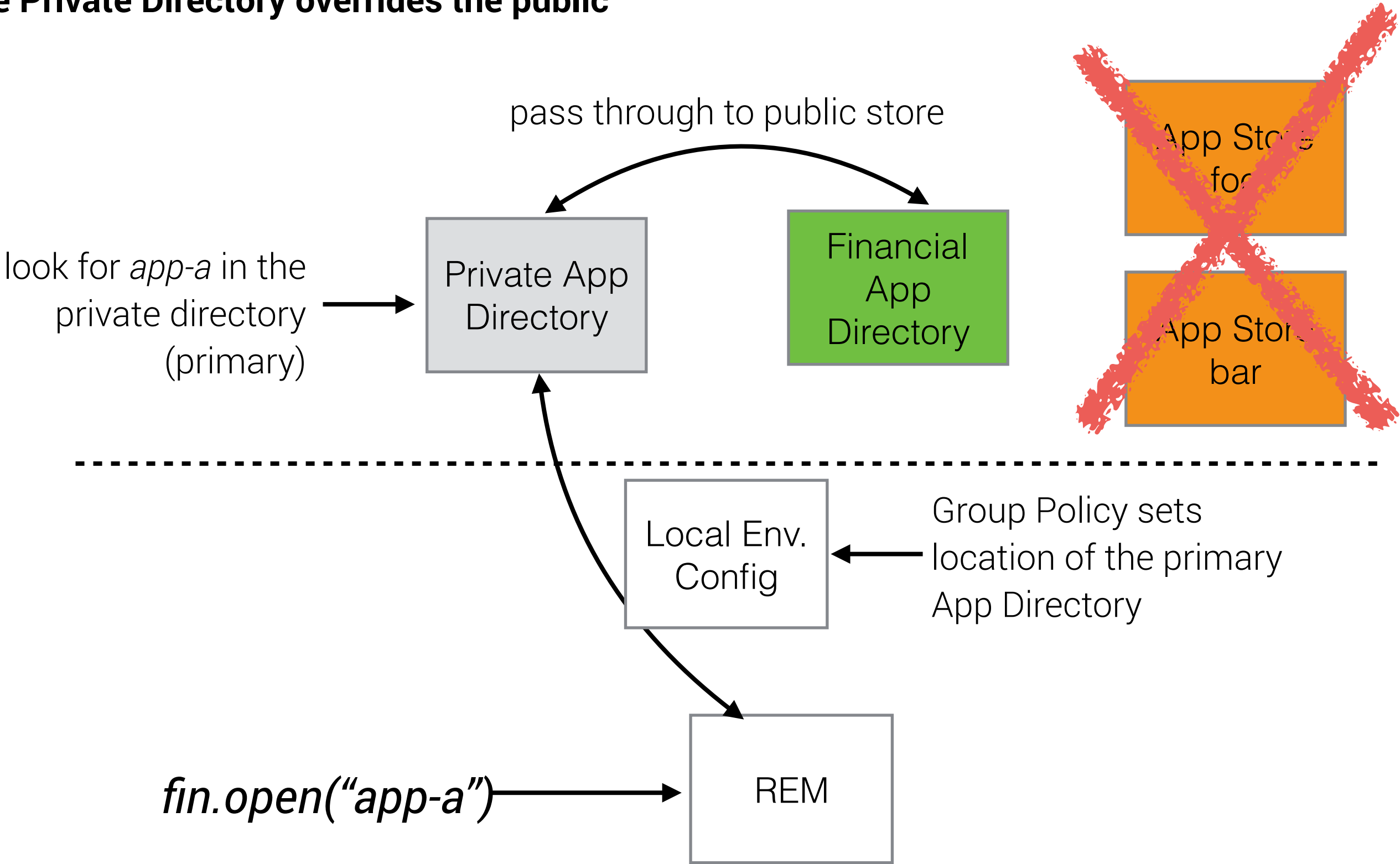
Resolving an App name



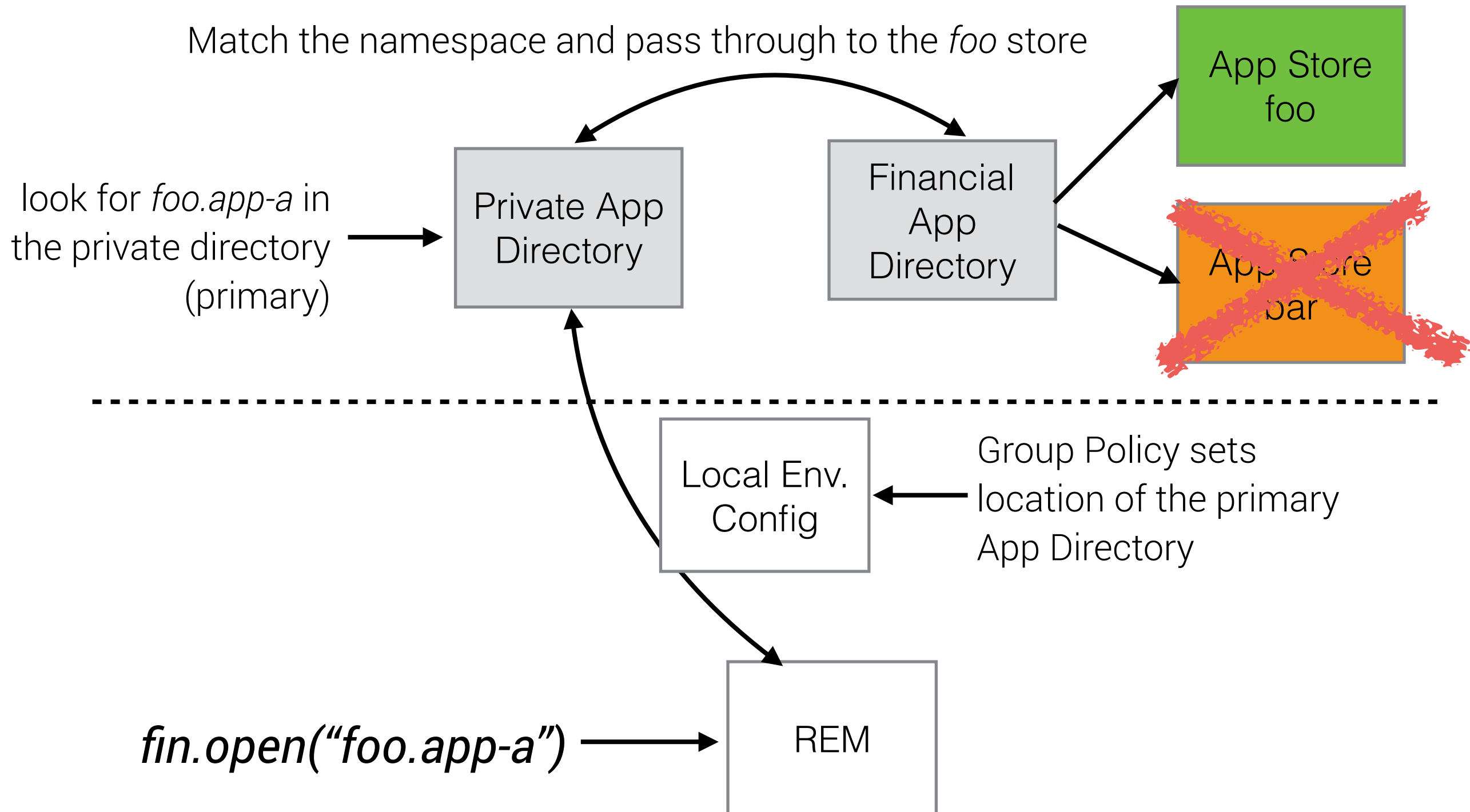
The Private Directory overrides public



The Private Directory overrides the public



Namespace resolves App to a federated 3rd party store



Next Steps

- Continue progress on Directory and API work
- Directory Handshake & Security

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