

# FDC<sup>3</sup>

November 7th, 2017

# FDC3 Technical Members

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<b>Wellington</b>	Ben McBride, David Carlson

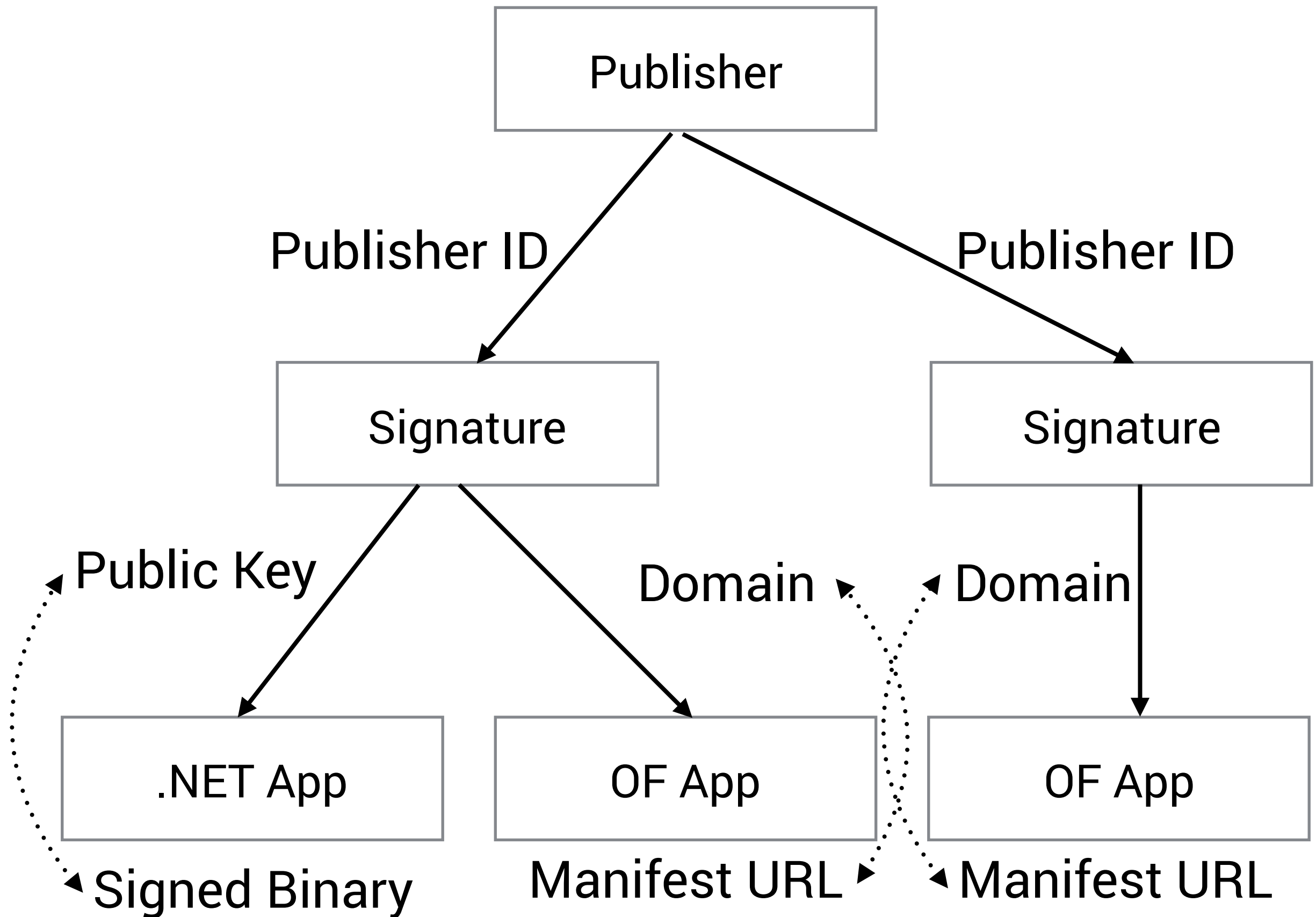
# Agenda

- 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.

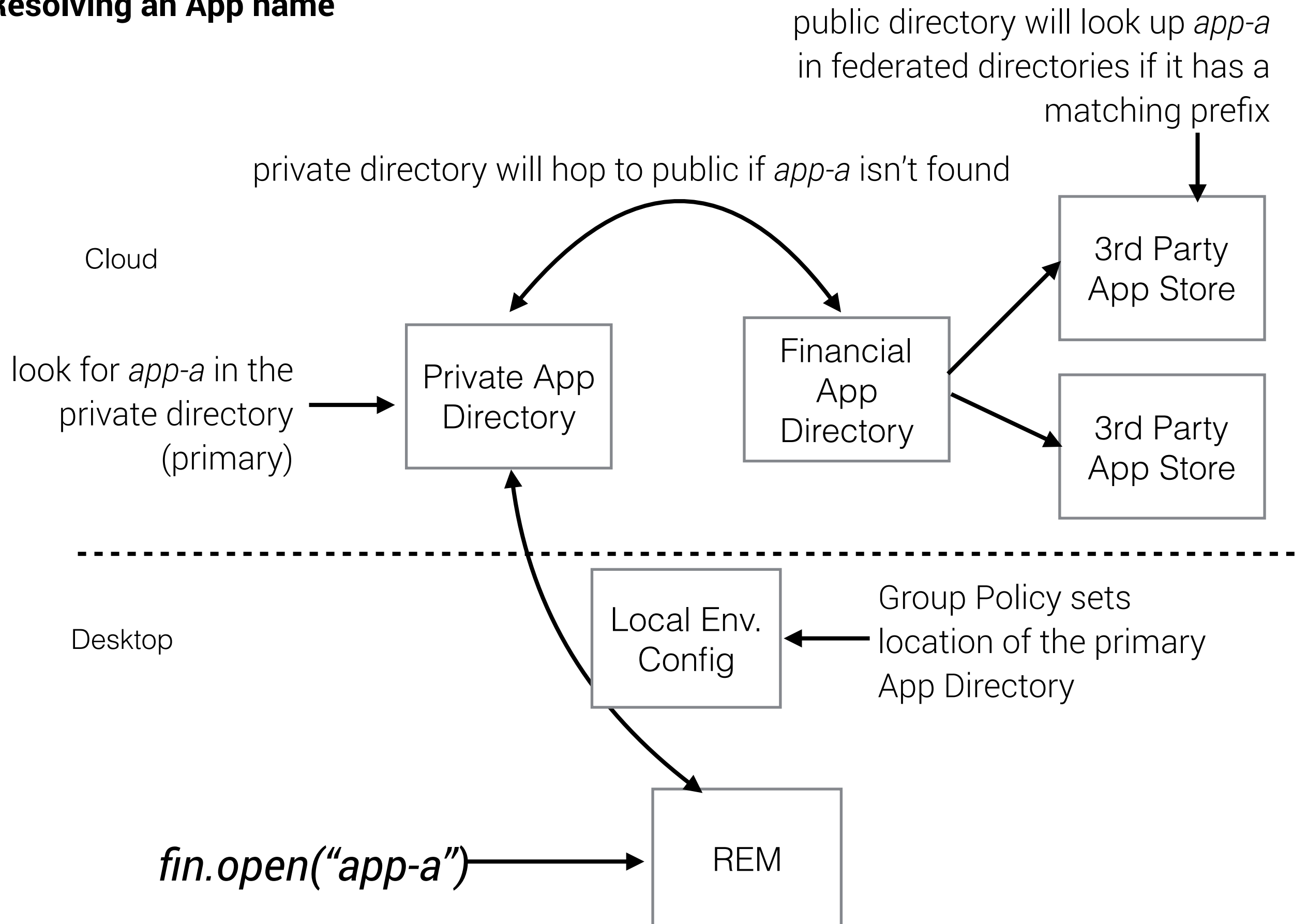
**date\_created** (date) - Date api key was added

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

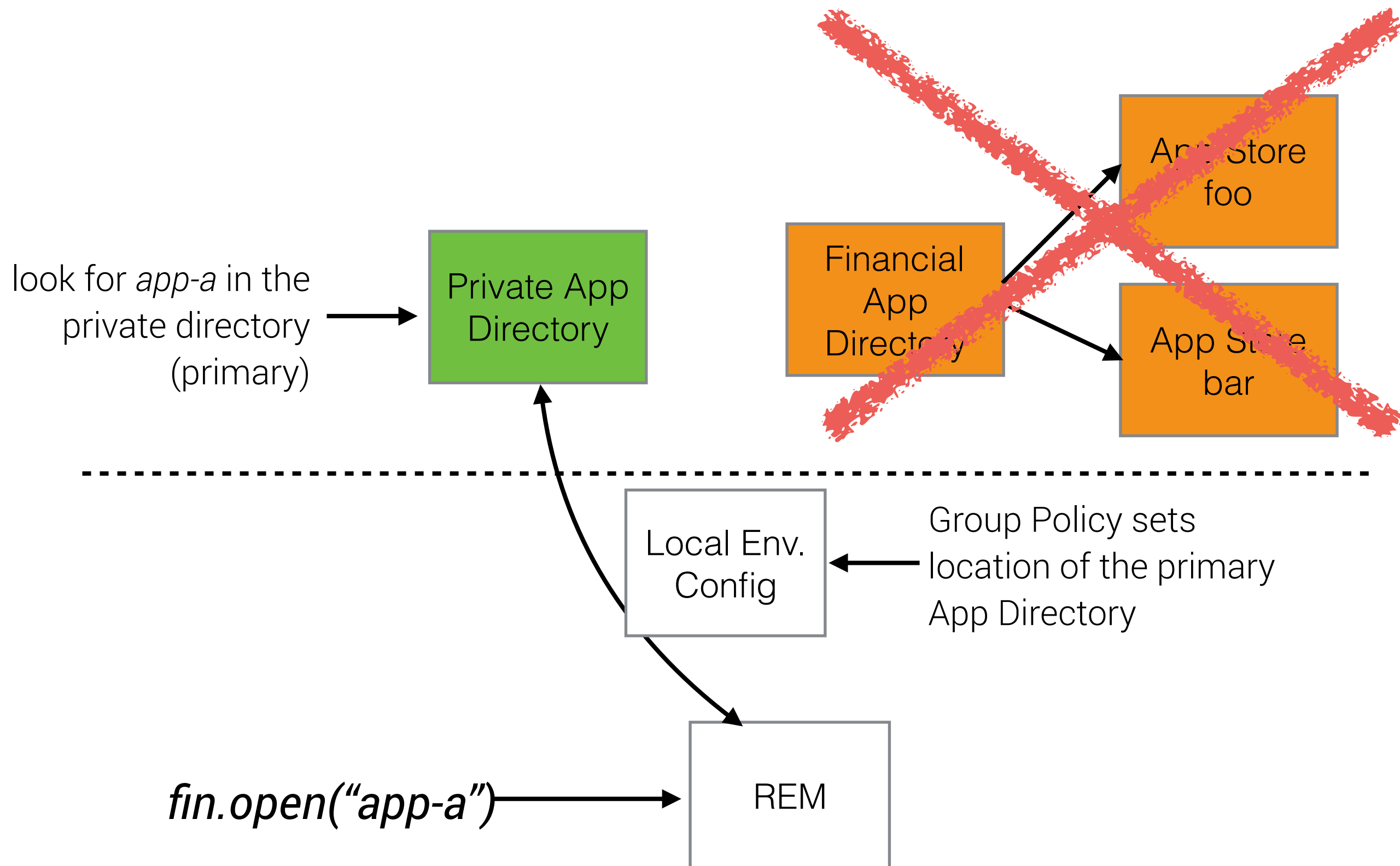
# Federation

- (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

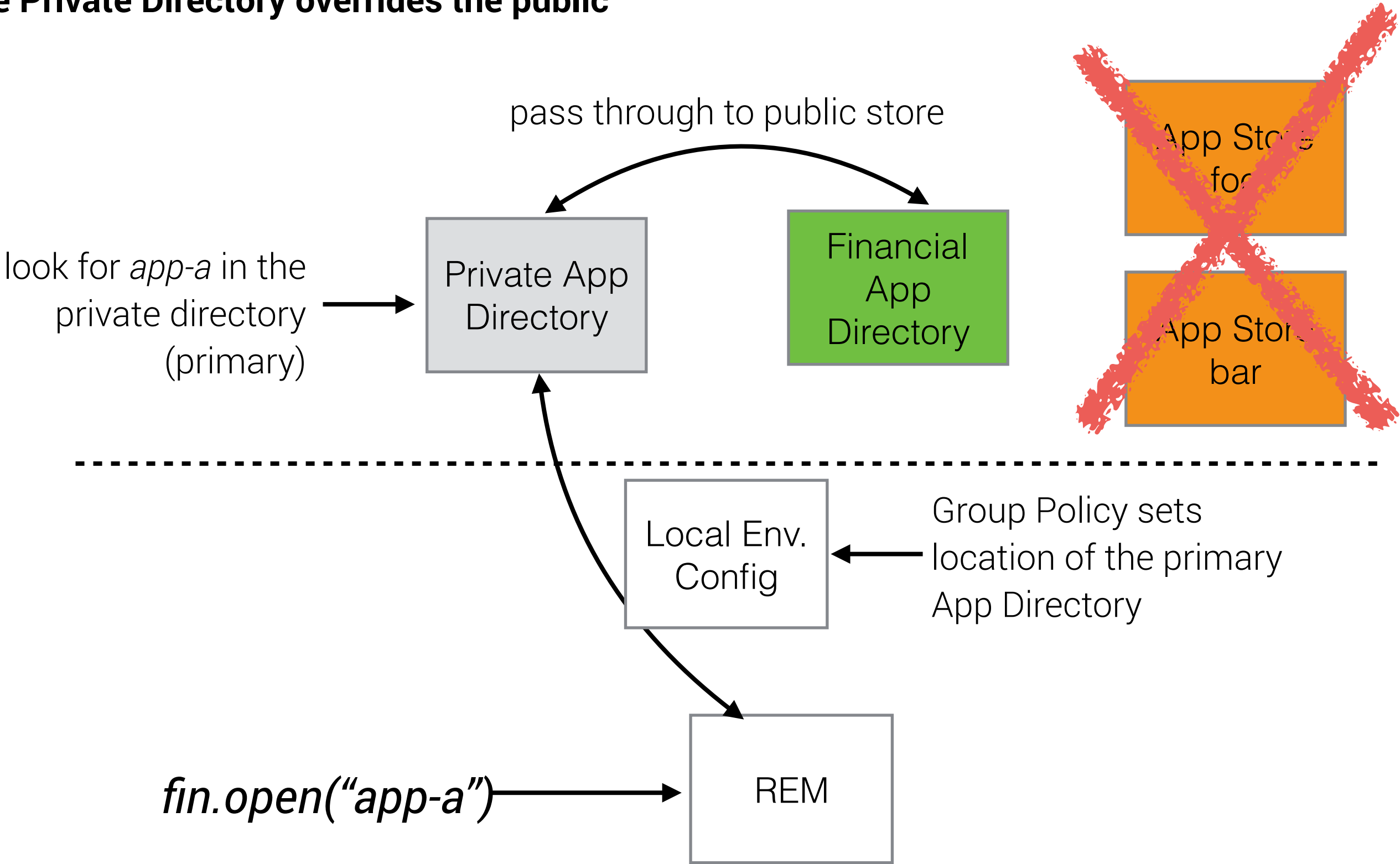
## Resolving an App name



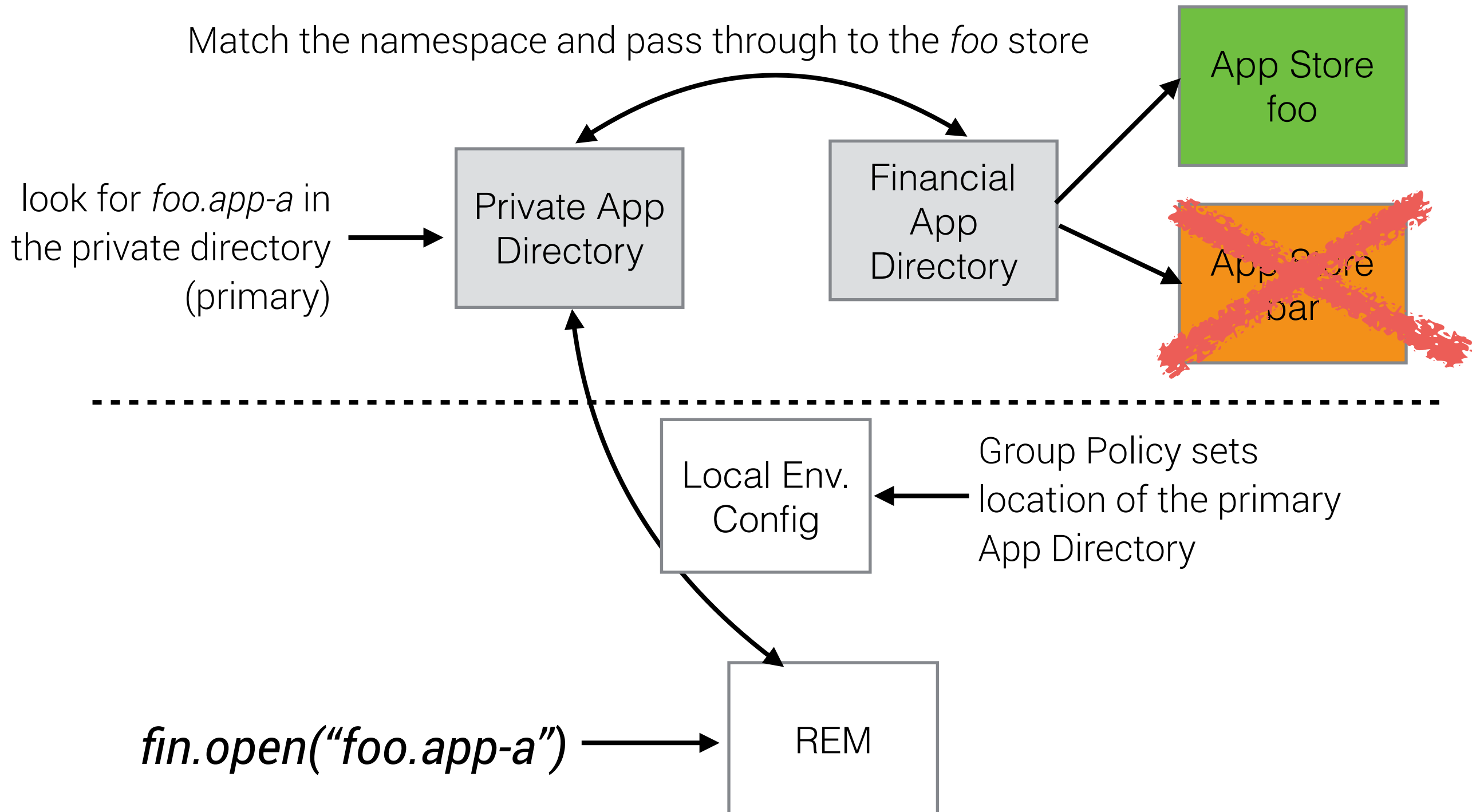
## The Private Directory overrides public



# 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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