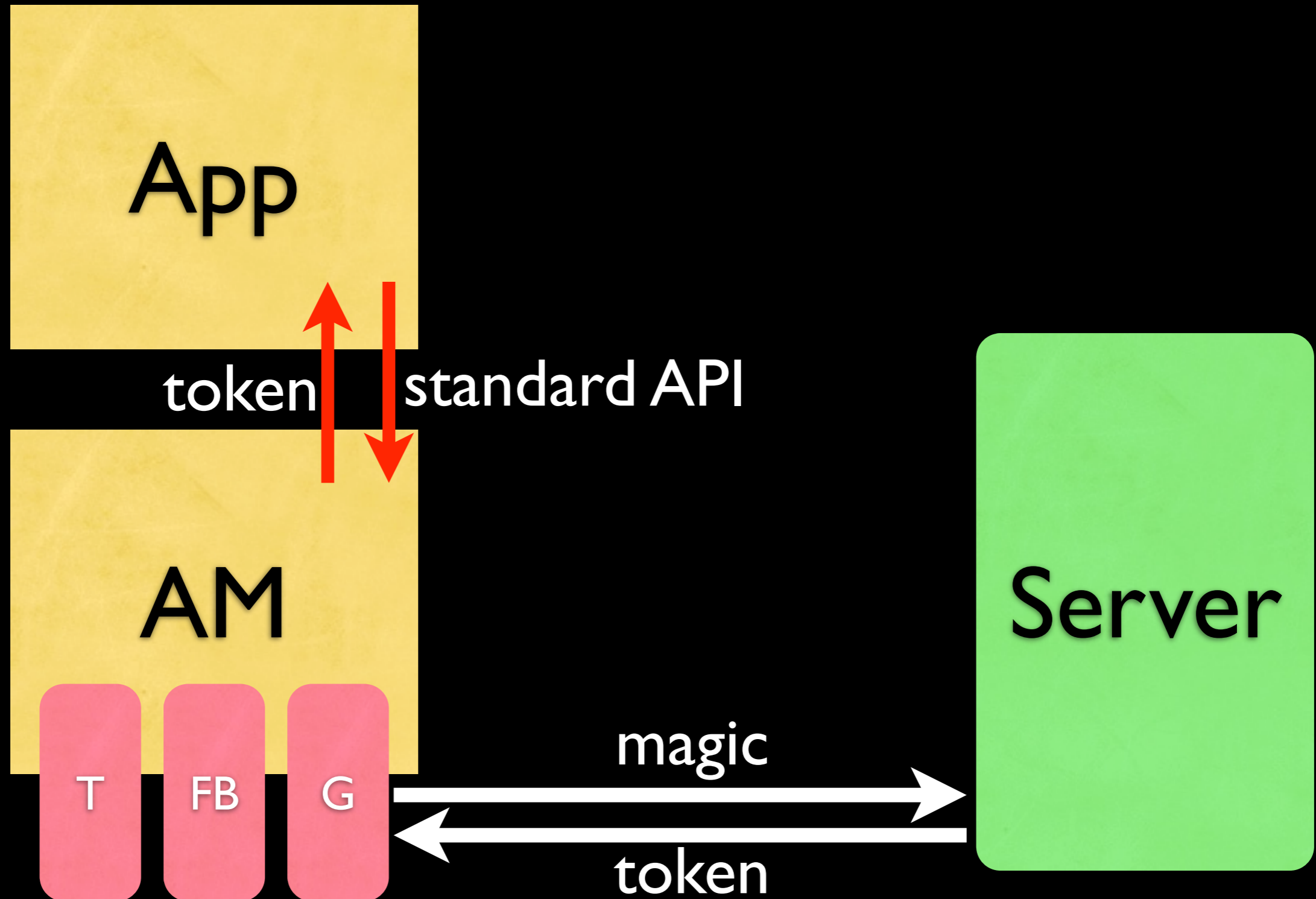


# Account Managers FTW!

Dirk Balfanz  
Google

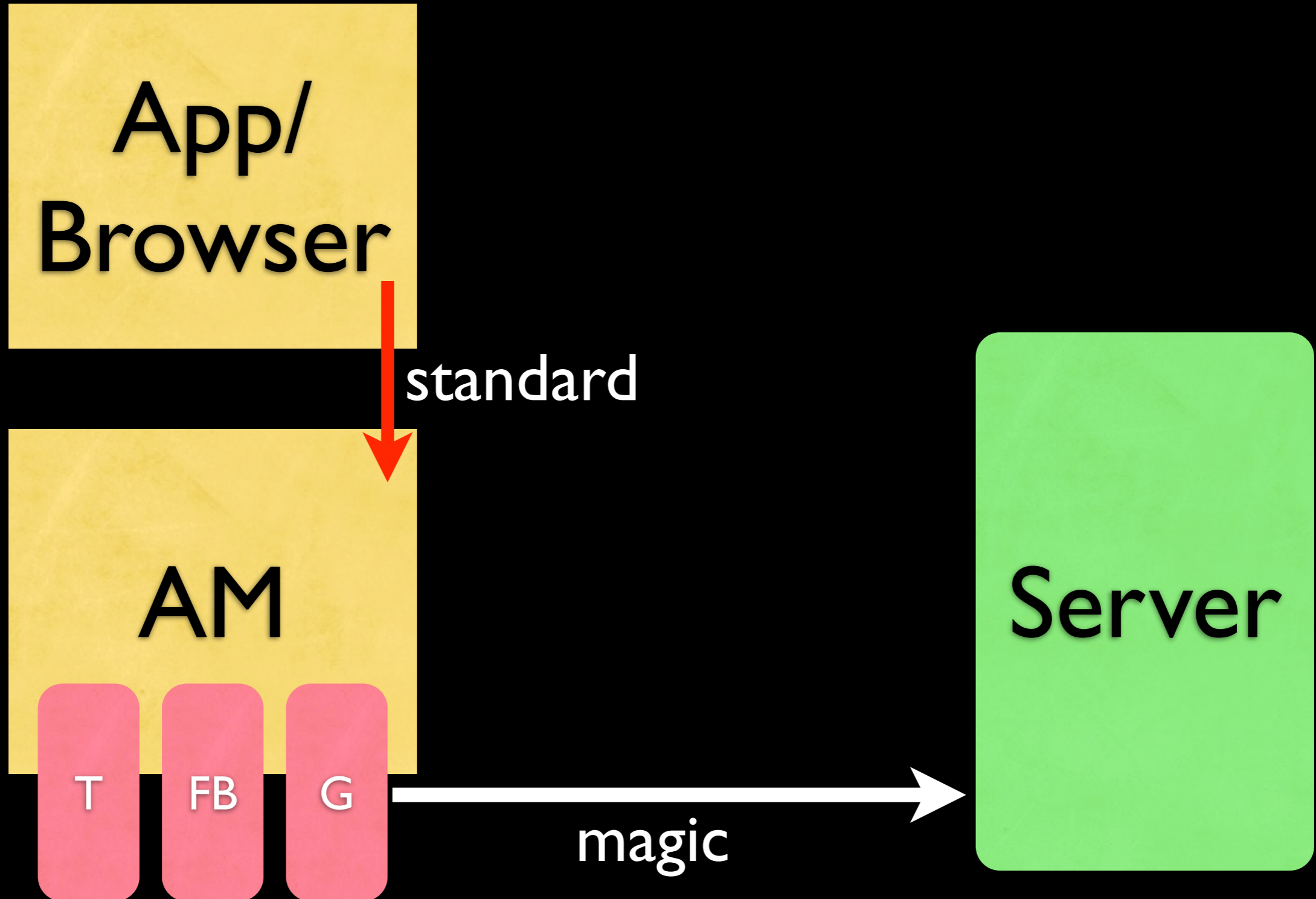
# Android AM



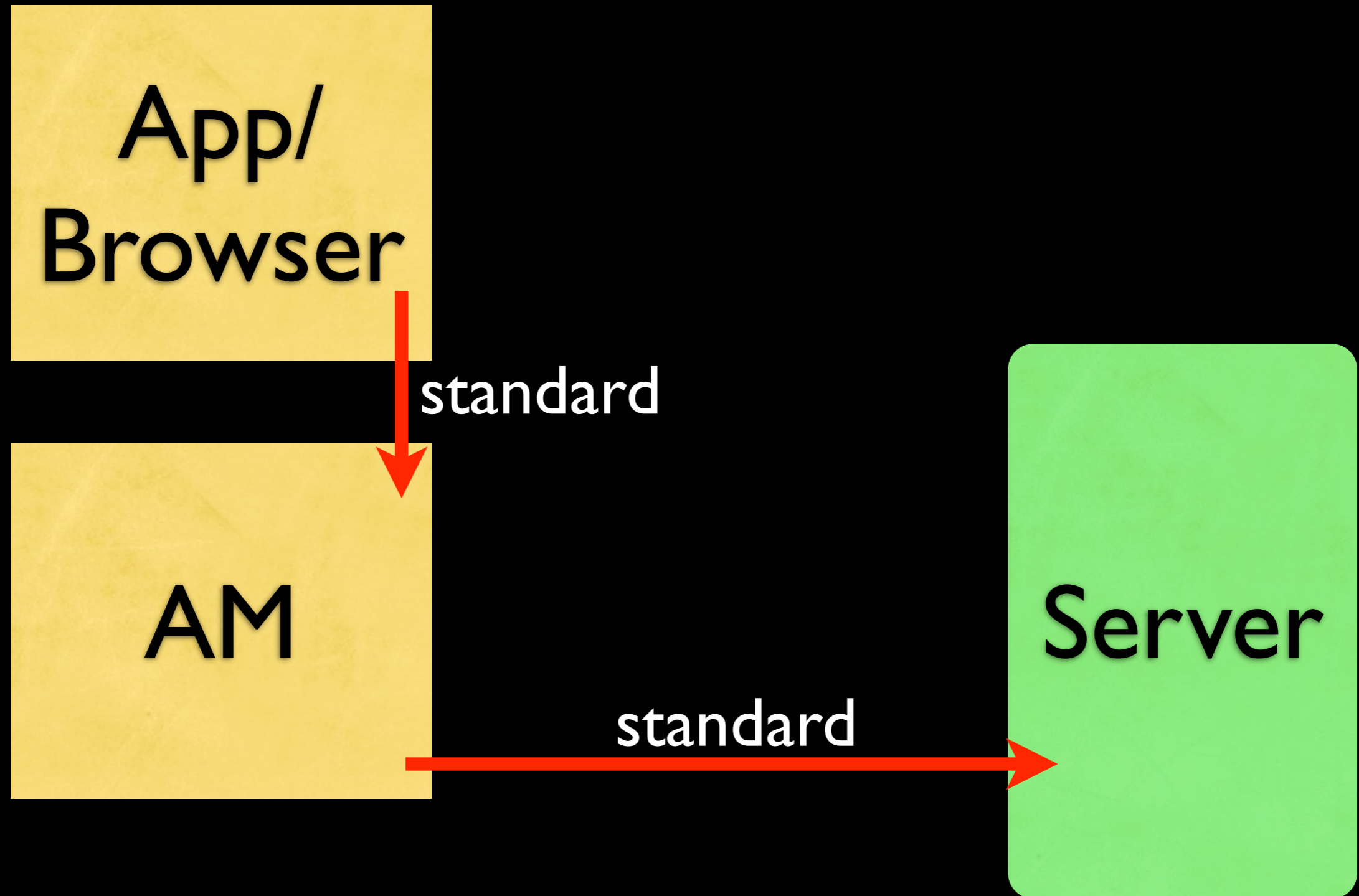
# Advantages of Account Managers

- store user credentials - no need to type passwords
- provide API to obtain auth tokens - no need for awkward browser flows
- provide list of known accounts - no accidental linking with wrong account.

# Android AM



# Generic AM



# What Do We Need?

- I. Standardized way to get credentials into AM
  - approval-screen-free OAuth flow in WebView
  - gives “account”-scoped token to AM

# What Do We Need?

## 2. Standardized way to use credentials to obtain tokens

- exchange account-scoped OAuth token for: authorization\_code & consent\_screen\_data
- aka “side-scoping” (change scope/client\_id)

# What Do We Need?

## 3. Standardized “weblogin” scope

- web site announces support for weblogin through header
- Browser requests “weblogin” token from AM
- weblogin token is a URL, logs in the user.