

# Centralized vs. decentralized

## Centralized

- one central list
- remote apps that sync with central?

## Decentralized

- sync to URL(s)?
  - need a network protocol
  - HTTP?
  - SSL?
- group-wise sync?
  - establish master/slaves?
  - easier than coordinated group-update:

```
map each URL to synch -> the last time updated.
if (update_period)
    forall URLs: synch
else if (incoming_update)
    forall (URLs older than incoming update): synch
```
- synch based on hash of updates?
  - need canonicalizer for text. Use XML?

# External Feeds

## Item format

- time started
- name/description
- notes
- category?

## Pull from

- needs to be optional
- standardized input format
  - easy to parse
  - no errors, false positives
  - restrictive.
- flexible input format
  - matches regex's?
  - map groups to fields

## **Push to**

- optional
- standardized output
  - cannot be flexible to match output medium
- flexible input format
  - choose fields and format values