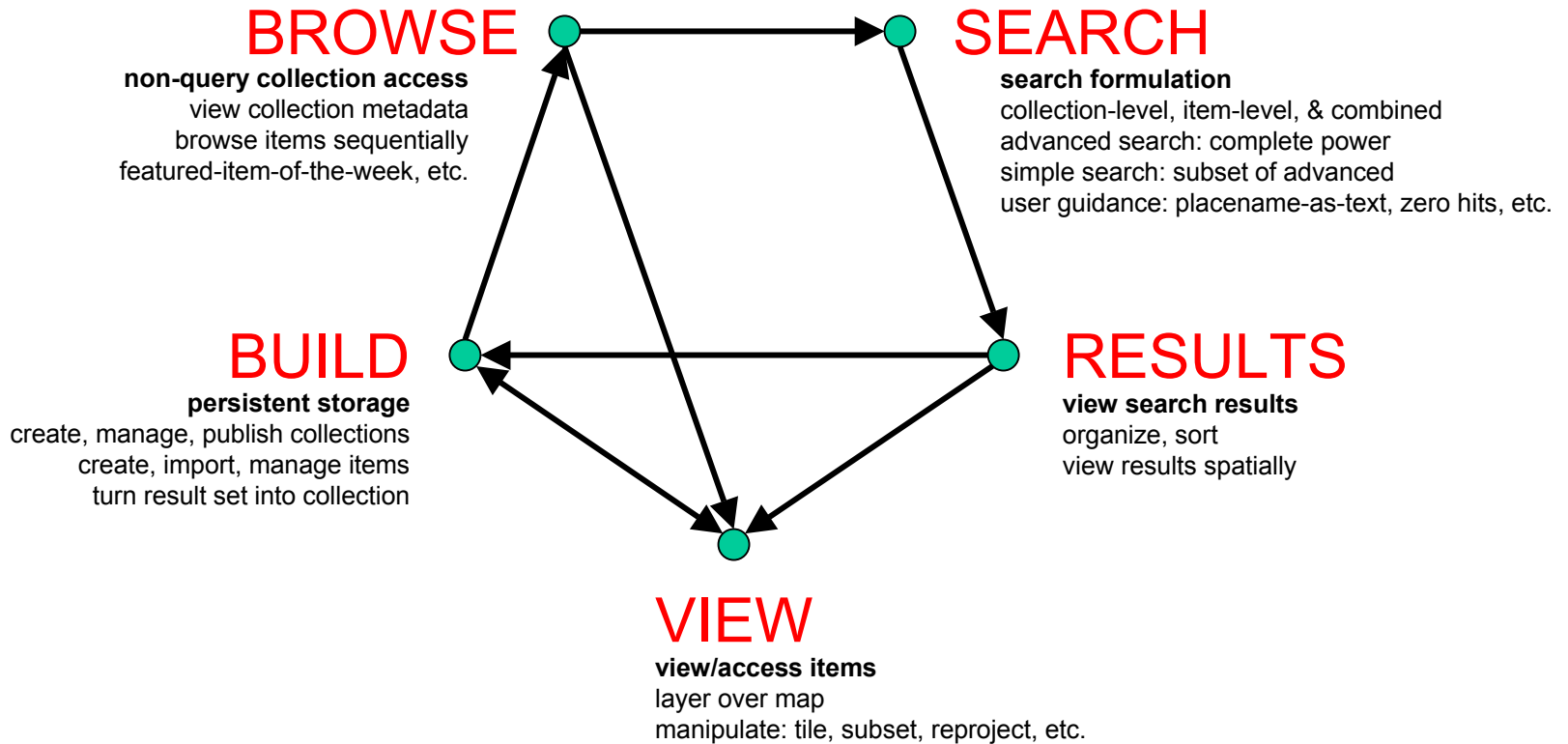


# Ground Rules

- No end-runs around the library server
  - a true client-server model
- Client is fully independent of the library server
  - co-packaging is not necessary
  - PHP-based?

# Functional Areas



## *tools*

### gazetteer

modal, popup  
ZIP codes  
street addresses?

### thesaurus

modal, popup  
query for & correct bad terms  
navigate, explore terms

### map

omnipresent, stateful  
integrated with gazetteer  
supports layering

### help

context sensitive  
ask-a-librarian  
FAQs

### user

login  
preferences

# Browse Functionality

## Functionality

1. Get hierarchy of collections
2. View collection metadata
3. View simple list of all items in a collection
4. Browse via collection-specified indexes
  - bucket values enumerated in collection metadata
  - client descends by bucket query
  - *not* an incremental query system; buckets are independent



## To Do

1. Add middleware support for collection aggregation, collection hierarchies
2. Develop client-side collection metadata formatter
  - XML → HTML
  - histograms → GIF images
3. Add middleware support for collection harvesting
4. Add necessary collection metadata elements



(Also: add middleware support for service optionality)