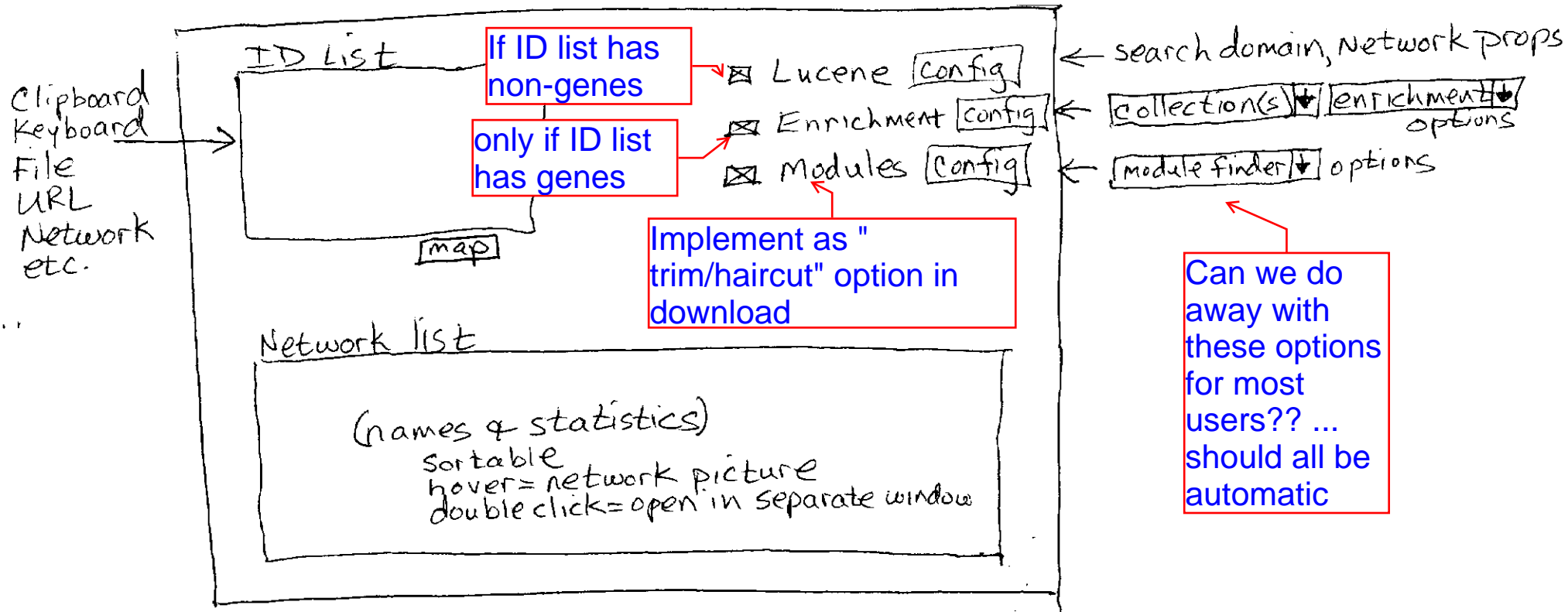


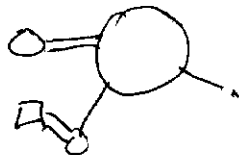
one window chooses set of networks



ideas:

for each network show metric of match to ID List:

Show network showing relationships of networks:



Lucene:

ranked {
 ⊗ user/group
 ⊗ terms associated w/nodes - e.g. Node IDs, alias, names
 ⊗ properties on network - e.g. Keyword, user props (category, species, experiment ID, NIH Grant, RO/RW, mod/create Date)
 ⊗ provenance props

Enrichment:

$$\{(\text{named network}, \text{score})\} = e(\{\text{named network}\}, \{ID\})$$

Generally a
hypergeometric statistic

← predefined
collection
or Lucene result

← user list of IDs
- IDs found by filters
- IDs in subnets found
 by module finder

Module:

$$\{\text{subnet}\} = m(\text{named network}, \{ID\})$$

Valet:

- a) remembers previous search params
- b) ...?

Services

Fast, Simple, Robust
Low maintenance, Reusable

Some Components

* = replaceable

web viewer*
Enrichment*
ID mapper*
NDEx Storage
module Finder*

EcoSystem

"Wisard" users

workflow users
(CCBB, cravat)

Need category for "analysis
users" ... ala Cytoscape

Network Managers
[find, load, download, annotate]
translate IDmap

Scripters
- Python
- R
- matlab
- et al

Data Managers

ID List Managers
Tribe / Giant

Service Writers