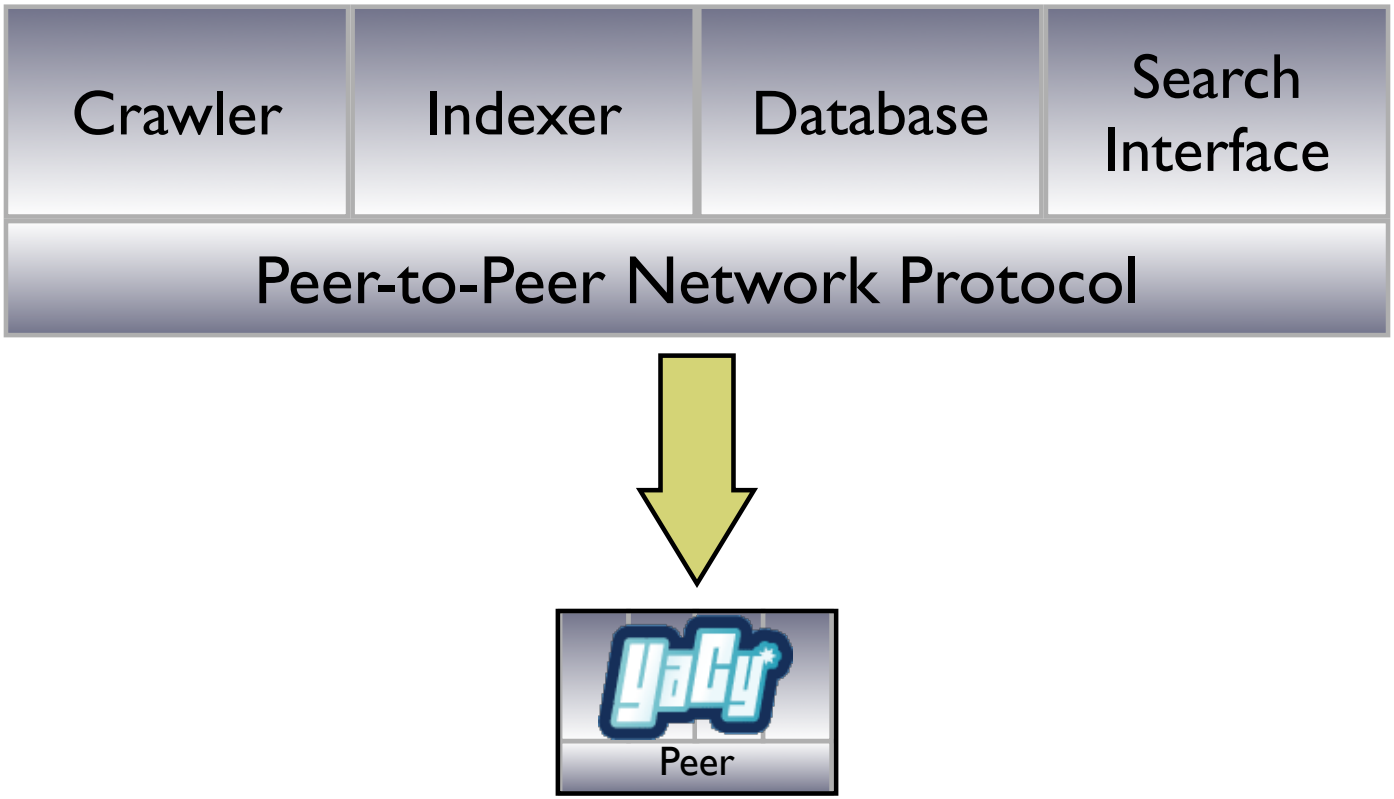
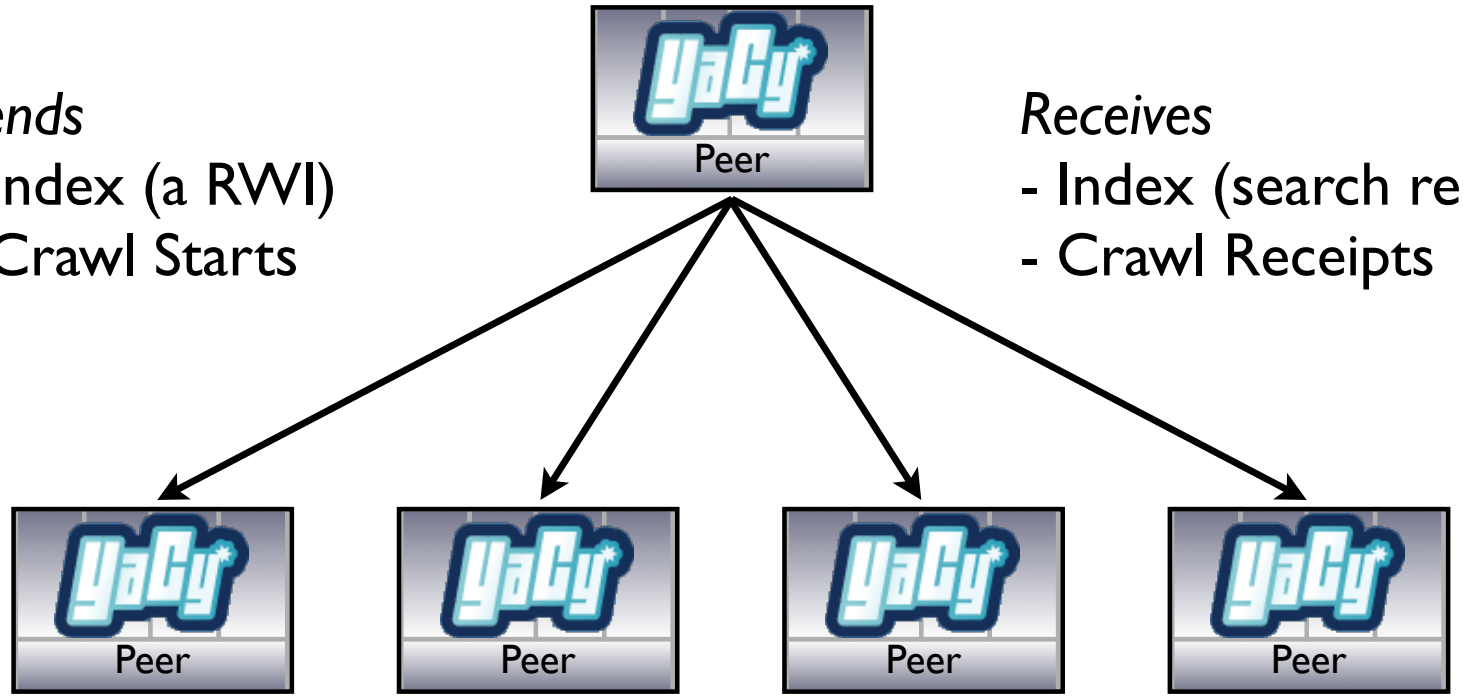
Distributed Web Search with

Components of a Web Search Engine



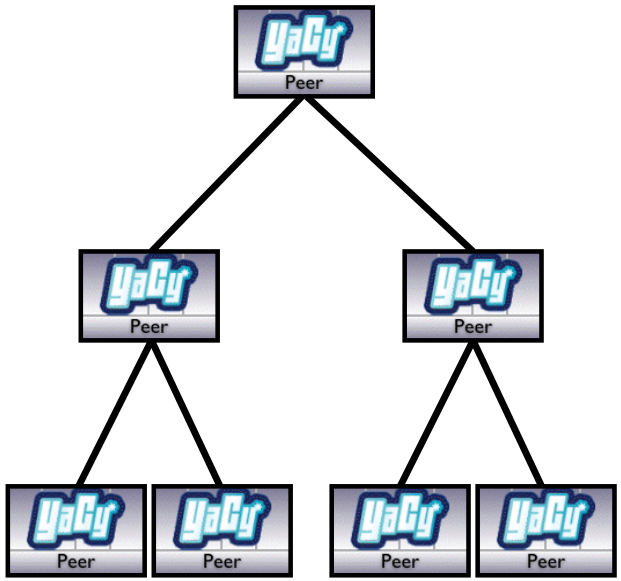
Distributed Indexing & Search

Sends
- Index (a RWI)
- Crawl Starts

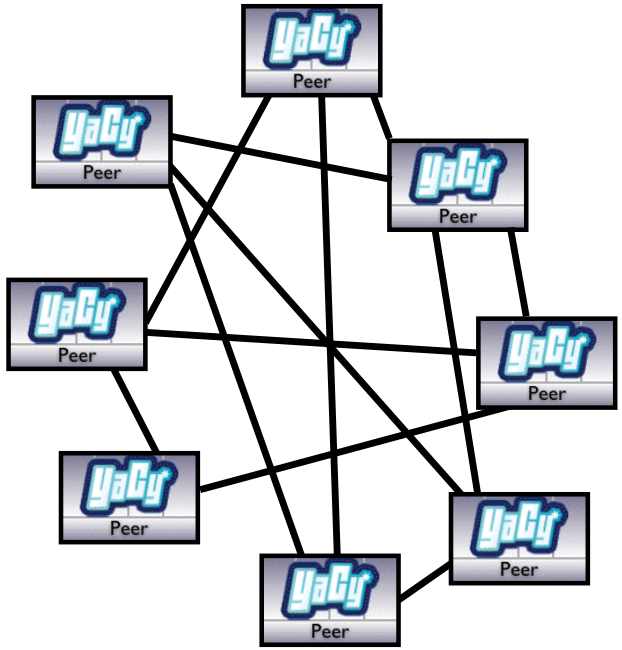


Receives
- Index (search result)
- Crawl Receipts

Search Network Topology

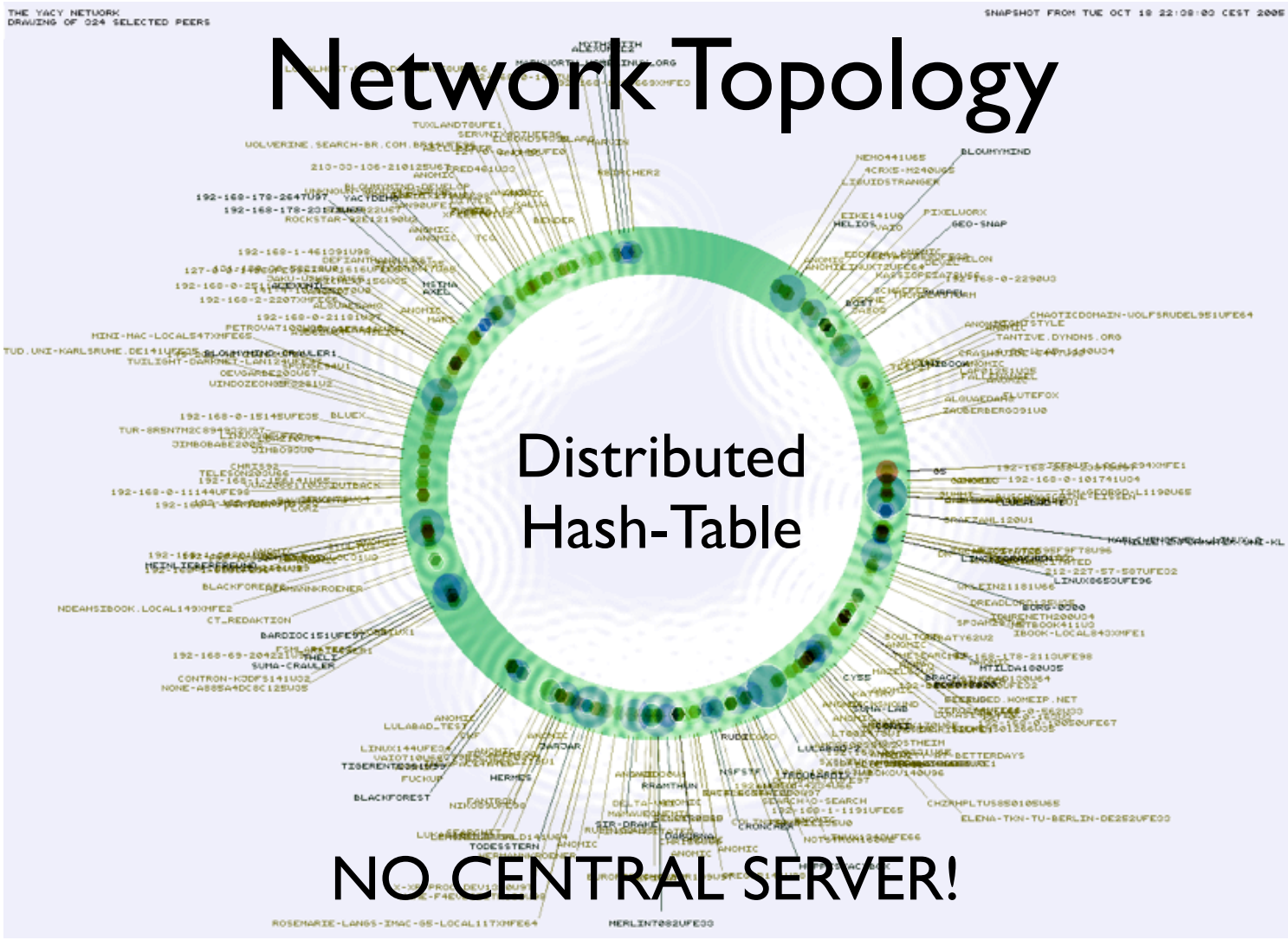


Hierarchical



De-Centralized

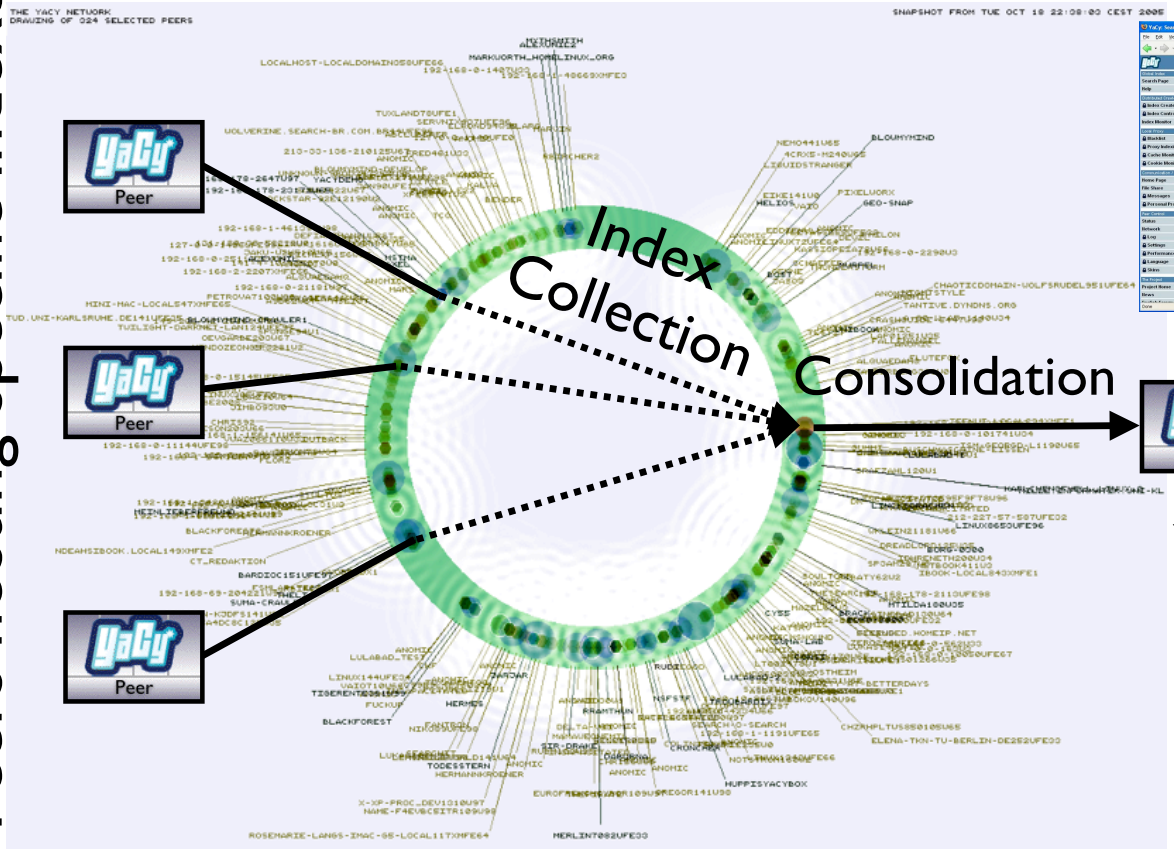
Network Topology

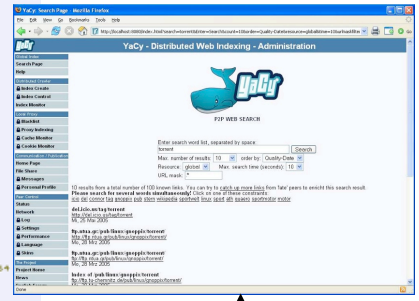


NO CENTRAL SERVER!

Search Process

Peers hosting specific indexes



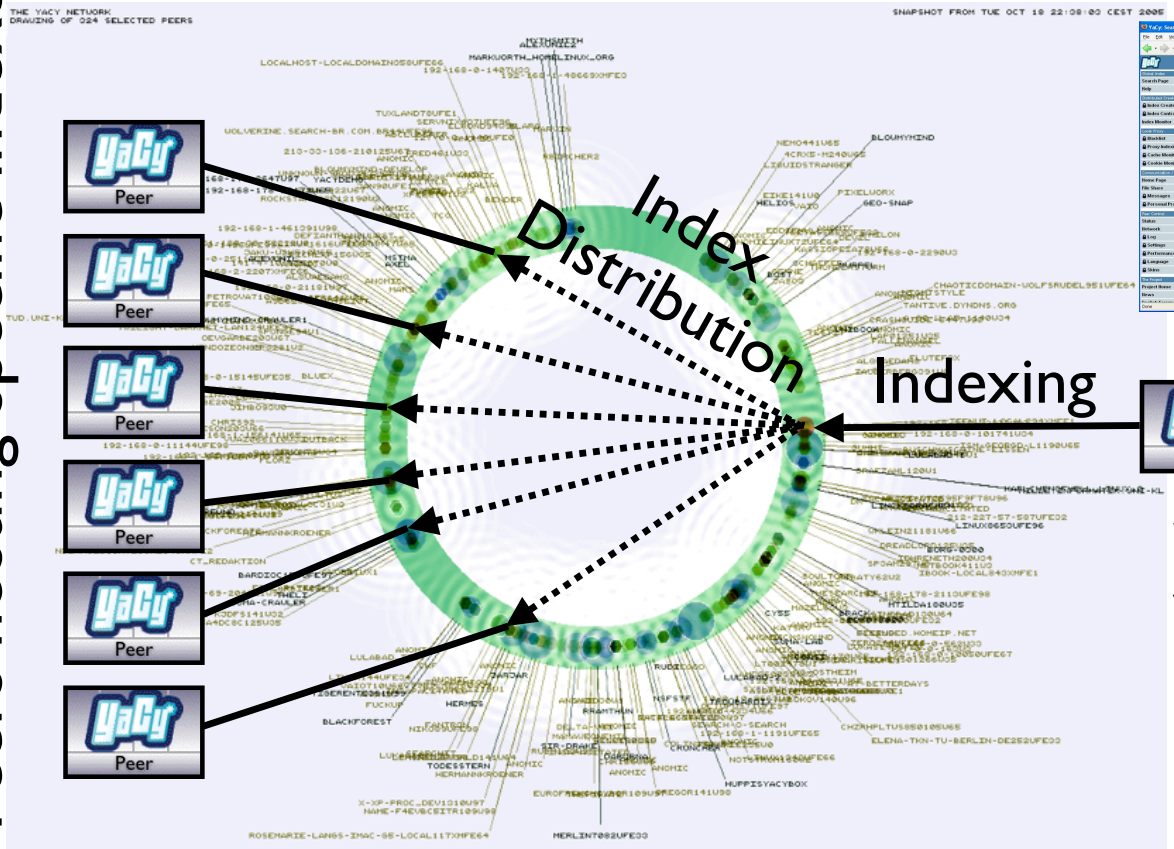


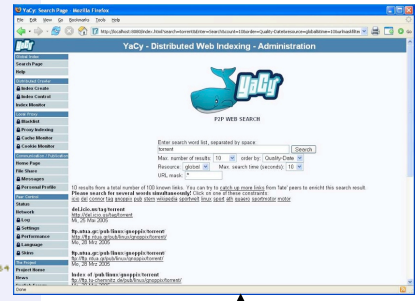
Your own YaCy Peer hosts the search interface

download from http://yacy.net/yacy

Indexing Process

Peers hosting specific indexes





You decide which web content is hosted in the YaCy network

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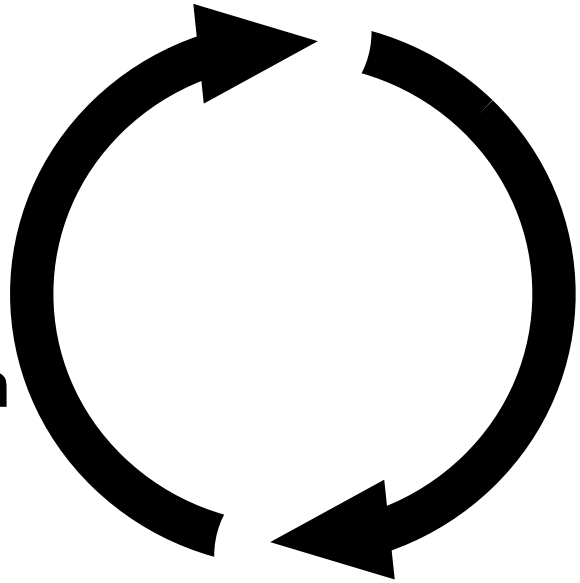
Advantages

- No global censoring possible
- Everyone can decide which information is available
- Cooperative, distributed indexing
- Open-source, GPLed

Information Freedom:
Now it's YOUR turn

better quality
&
more information



more users
&
more developers

http://www.yacy.net/yacy