CREATE A DISCOVERY LAYER IN MINUTES
WITH COUCHDB, ELASTICSEARCH AND JQUERY/BOOTSTRAP

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THE PROBLEM:
• You have MARC
• You need to do something
• You’re not a programmer/SysAdmin
A SOLUTION:

- Python
- CouchDB
- ElasticSearch
- jQuery/Bootstrap

PYTHON:

- Forked from lemanal/dcat
- PyMarc library
- Takes MARC data dump
- Sends it as JSON to CouchDB
COUCHDB
- NoSQL database
- Webserver; built-in RESTful API
- All data in JSON
- Javascript is query language
- Can cluster/replicate
- Versioning
- MapReduce
- CouchApps

ELASTICSEARCH:
- Indexes CouchDB (built on Lucene)
- Real-time updates from CouchDB (via 'river')
- Built-in RESTful API
- Push replication
JQUERY/BOOTSTRAP:
- Forked from okfn/facetview
- Use ElasticSearch's API
- No server-side programming
- No additional web server necessary
- Voila: basic search interface!

WRAP-UP
- Limitations
- Gotchas
- Questions?

[made by hand with reveal.js]