

- Cool URIs don't change.
- Cool URIs will die.
- Uncool URIs.

Existing link checking tool

- Firefox plugin
 - LinkChecker
 - LinkEvalutor
- Command line tool
 - linkChecker
- Method
 - http error ..., network error
 - Looking text pattern : “Not Found .”

Better link checking

- Semantics of returned page
 - is it really what you ask for?
- Linking templates
 - Check dynamic created links: openurl, opensearch, opaclinking, etc
- Many linking templates

- Better Link check
 - Request an identifier, check keywords.
- <http://rocki.rcpl.org/search/i0596002815>
=>”<html>....**Harry**...</html>”

- Not every library has “harry potter” book.
 - use more isbnns.
- Try many popular identifiers until a successful match is found, or give up.

```
samples={
  guessopac.ISBNLINKTYPE:(("0590353403", "Harry"), ("0596007736", "nutshell"),
"059600026X", "definite"), ("0553347845", "Feynman"), ("0618129022", "Lord"), ("03i
07237699", "Obama"), ("0596003161", "Dynamic"), ("0545010225", "Harry"), ("0130899i
1990", "Bryan"), ("0691084440", "Vista"), ("4915512460", "Rowling"), ("4915512460":
Harry"), ("043935806X", "Harry"), ("0020869401", "Christianity"), ("0387968962", "c
, "Keogh"), ("059600382X", "Kennedy"), ("0131934554", "Janson"), ("0674367685", "Har
rvard"), ("9780195170450", "religions"), ("1405109025", "Islam"), ("0442220103", "s
arry"), ("0590225170", "Goose")),
  guessopac.ISSNLINKTYPE:(("0036-8075", "Science"), ("0028-0836", "Nature"), (
, ("0362-4331", "York"), ("0361-3623", "Poor"), ("0363-0277", "Library Journal"), (
, ("0017-811X", "Harvard"), ("0028-6664", "Scientist"), ("0098-7484", "JAMA"), ("00i
38-822X", "sports"), ("0959-8138", "British"), ("0028-9604", "Newsweek"), ("0010-7i
11X", "England"), ("0161-7370", "Popular")),
  guessopac.OCLCNUMLINKTYPE:(("ocm37975719", "Harry"), ("37975719", "Harry"), (
m04568477", "Sawyer"), ("58549941", "nutshell"), ("ocm58549941", "nutshell"), ("59:
```

- More than 10,000 OPAC linking templates.
Check isbn, issn, oclcnums...
- Current system with ~100 popular identifiers.
The process takes more than 10 hours.
- Repeat the process at least three times to get good result.