

(i)

### Data Portal Identifier

CKAN

DKAN

Socrata

...

(ii)

### Metadata Extractor

(iii)

### Instance and Resource Extractor

#### Sampler

Random Sampling

Weighted Sampling

...

#### Validator

CSV Validator

RDF Validator

...

(v)

### Profile and Report Generator

(vi)

Topical  
Profiler

Statistical  
Profiler

...

### Profile Validator

#### Metadata Profiler

General  
Profiler

Ownership  
Profiler

Access  
Profiler

Provenanc  
e Profiler