Hydra Scraper

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BASICS

Comprehensive scraper for **Hydra-paginated**
APIs, Beacon files, and RDF file dumps

github.com/digicademy/hydra-scraper

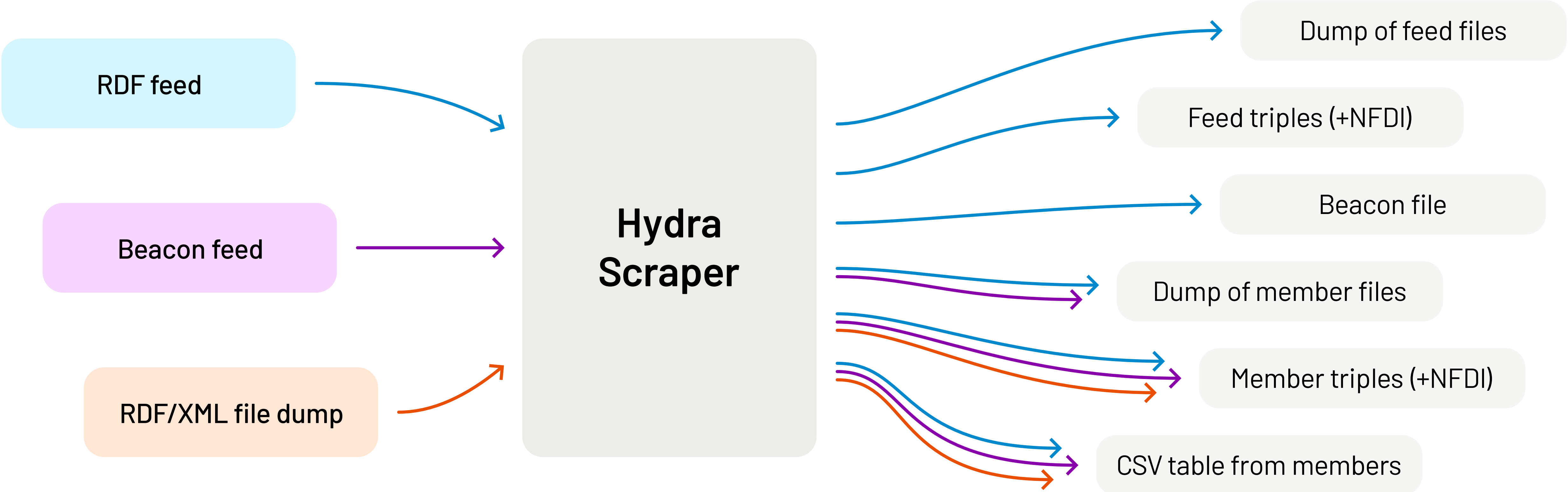
Originally developed for the **Corpus Vitrearum** Germany

One of the harvesters for the **Culture Knowledge Graph**

Command-line tool written in **Python**

Currently handy to harvest or check **RDF or LIDO** data

INPUT AND OUTPUT



RDF feed

Beacon feed

RDF/XML file dump

Hydra Scraper

Dump of feed files

Feed triples (+NFDI)

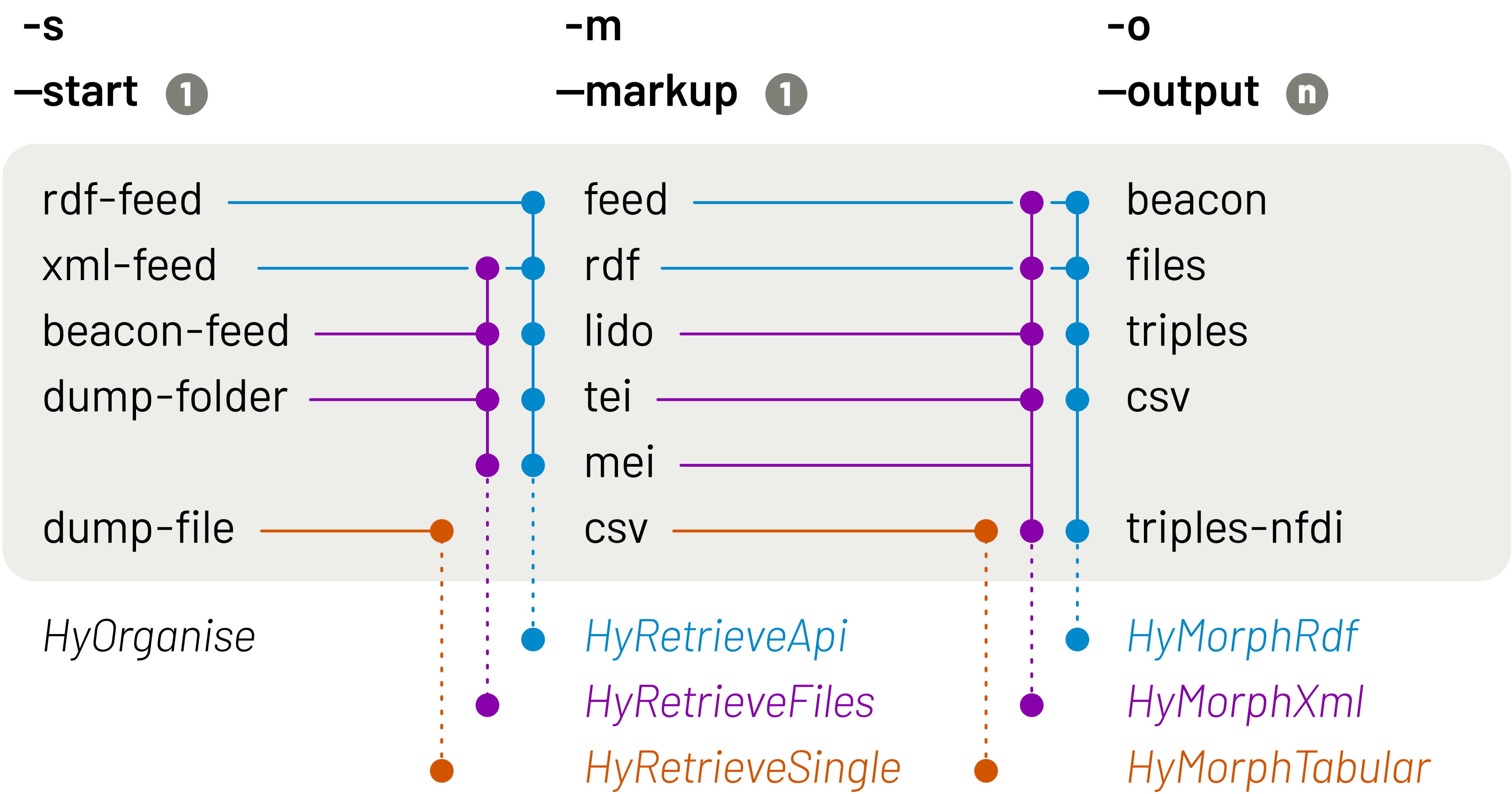
Beacon file

Dump of member files

Member triples (+NFDI)

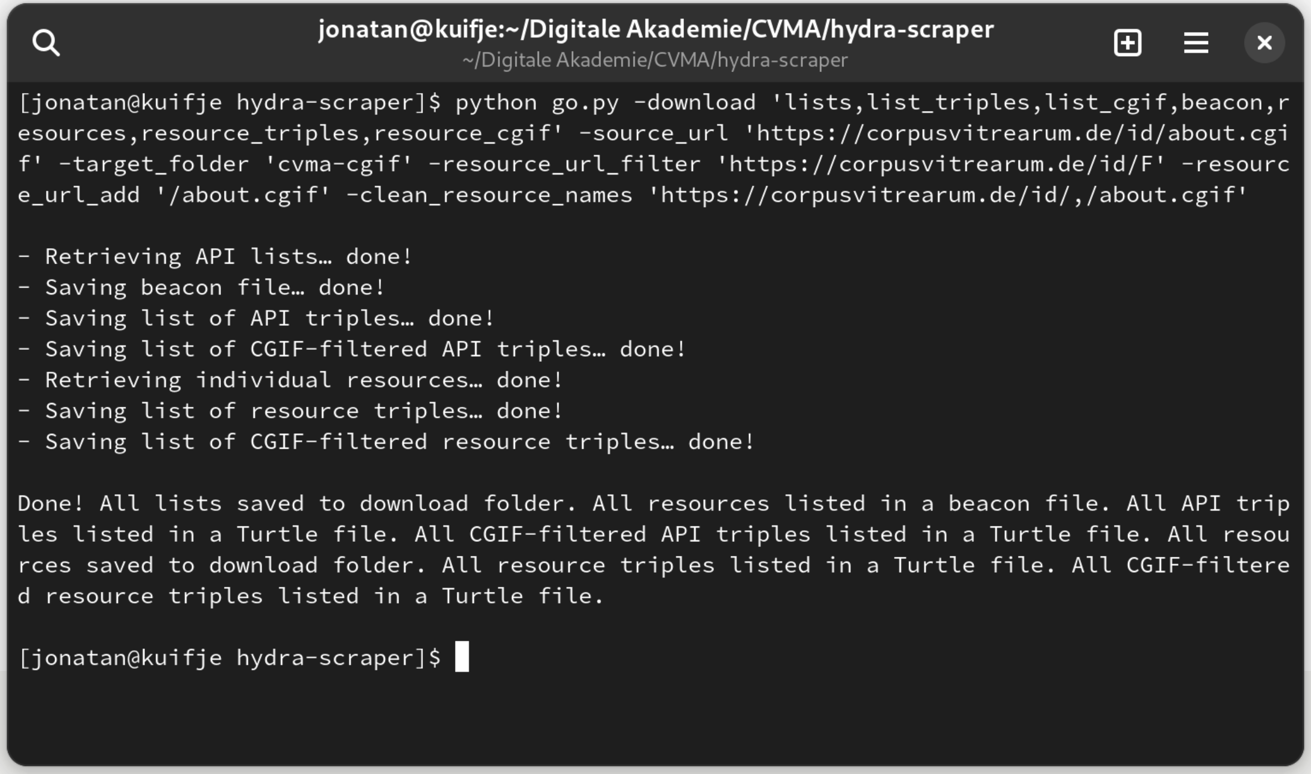
CSV table from members

TECHNICAL SETUP



-s —start 1	-m —markup 1	-o —output n
rdf-feed	feed	beacon
xml-feed	rdf	files
beacon-feed	lido	triples
dump-folder	tei	csv
	mei	
dump-file	csv	triples-nfdi
HyOrganise	*HyRetrieveApi*	*HyMorphRdf*
	HyRetrieveFiles	*HyMorphXml*
	HyRetrieveSingle	*HyMorphTabular*

OLD SAMPLE COMMAND


jonatan@kuifje:~/Digitale Akademie/CVMA/hydra-scraper
~/Digitale Akademie/CVMA/hydra-scraper

```
[jonatan@kuifje hydra-scraper]$ python go.py -download 'lists,list_triples,list_cgif,beacon,r
esources,resource_triples,resource_cgif' -source_url 'https://corpusvitrearum.de/id/about.cgi
f' -target_folder 'cvma-cgif' -resource_url_filter 'https://corpusvitrearum.de/id/F' -resourc
e_url_add '/about.cgif' -clean_resource_names 'https://corpusvitrearum.de/id/,/about.cgif'

- Retrieving API lists… done!
- Saving beacon file… done!
- Saving list of API triples… done!
- Saving list of CGIF-filtered API triples… done!
- Retrieving individual resources… done!
- Saving list of resource triples… done!
- Saving list of CGIF-filtered resource triples… done!

Done! All lists saved to download folder. All resources listed in a beacon file. All API trip
les listed in a Turtle file. All CGIF-filtered API triples listed in a Turtle file. All resou
rces saved to download folder. All resource triples listed in a Turtle file. All CGIF-filtere
d resource triples listed in a Turtle file.

[jonatan@kuifje hydra-scraper]$
```

python go.py

-download 'lists,list_triples,list_cgif,beacon,resources,resource_triples,resource_cgif'

-source_url 'https://corpusvitrearum.de/id/about.cgif' -target_folder 'cvma-cgif'

-resource_url_filter 'https://corpusvitrearum.de/id/F' -resource_url_add '/about.cgif'

-clean_resource_names 'https://corpusvitrearum.de/id/,/about.cgif'