



CKAN-WIT A Tool For Metadata Aggregation, Filtration & Presentation

[based on CKAN]

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**Institute of Computer Science
E- Science Research Group
Göttingen**

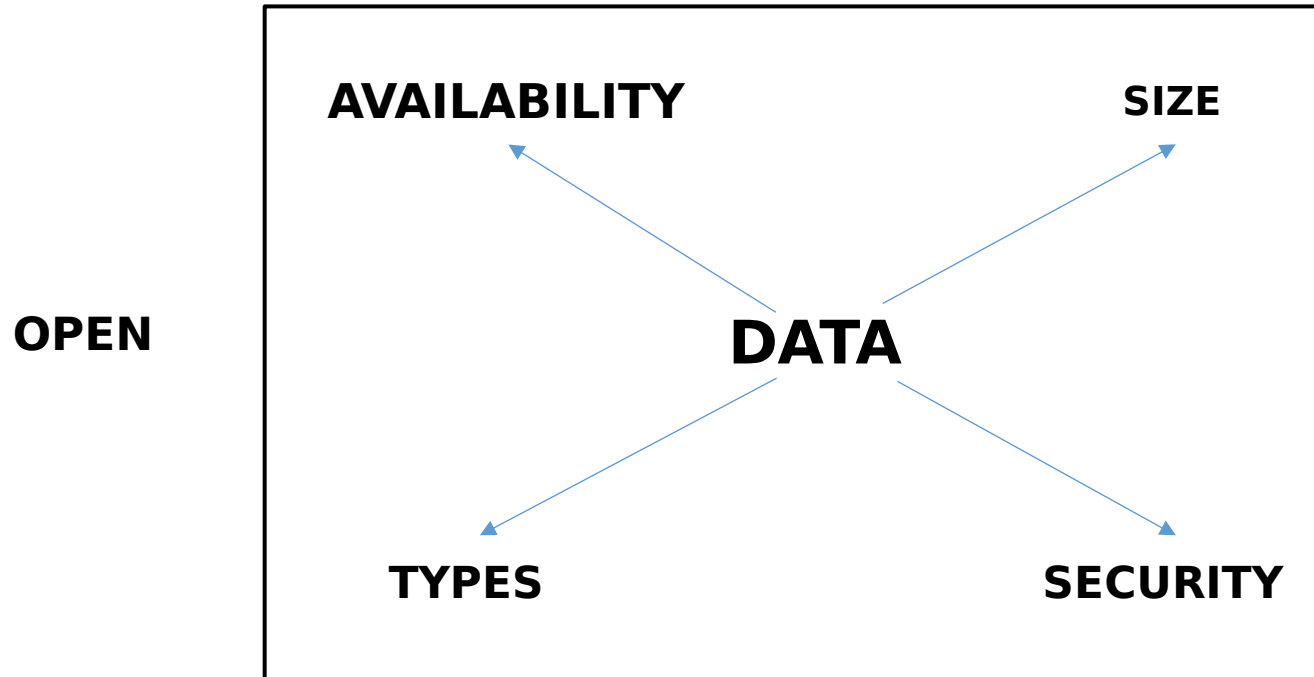


Synopsis

- ❖ **The Alphas**
- ❖ **Our Approach**
- ❖ **Our Answer**



❖ The Alphas



Data made available, accessible, and (re)usable & distributable to the public under **open licenses**. [1]

How?, Where?, What potentials can be harnesssed?

[1]: The Open data handbook
<http://opendatahandbook.org/guide/en/what-is-open-data/>



❖ The Alphas

1. Hows?, Wheres?, Potentials?

- Data Management Platforms - CKAN? , DKAN? , DSPACE?
- Apps, packages, tools

CKAN [2]

*A **content management system**, driven towards data rather than blog posts and articles, whose usage cuts across governmental, institutional and industrial sectors, is an open source software built with python, postgresSQL, and javascript, and provides support for third-party plugins.*

CKAN = Comprehensive Kerbal Archive Network

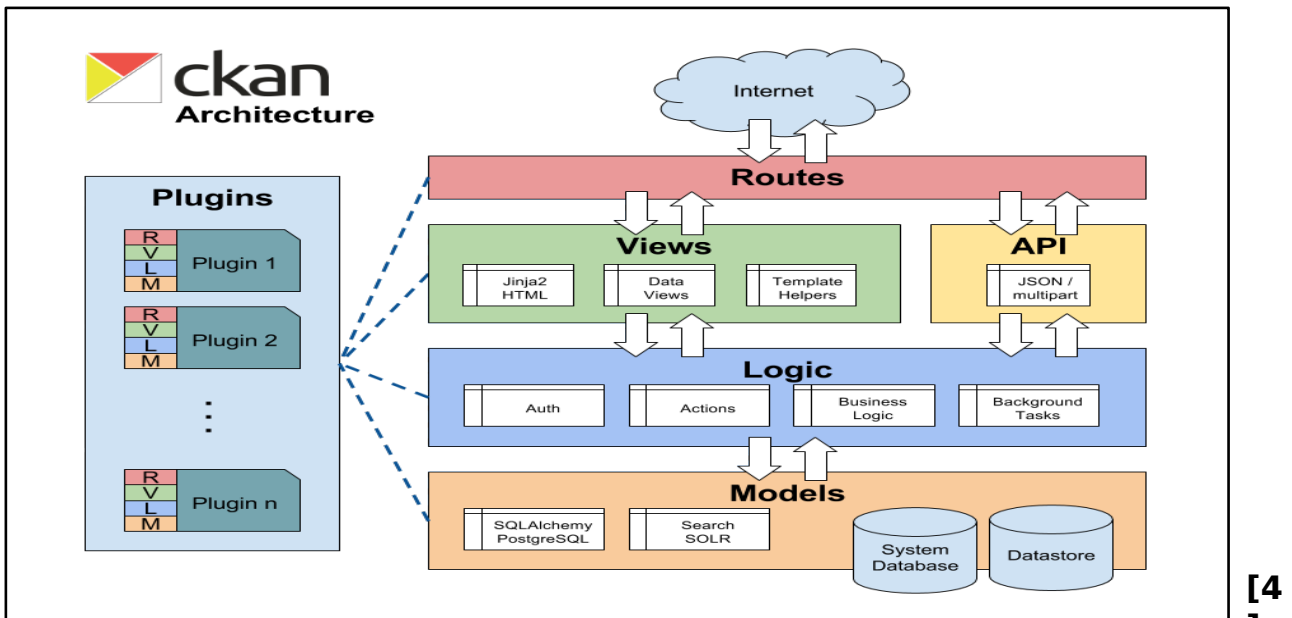
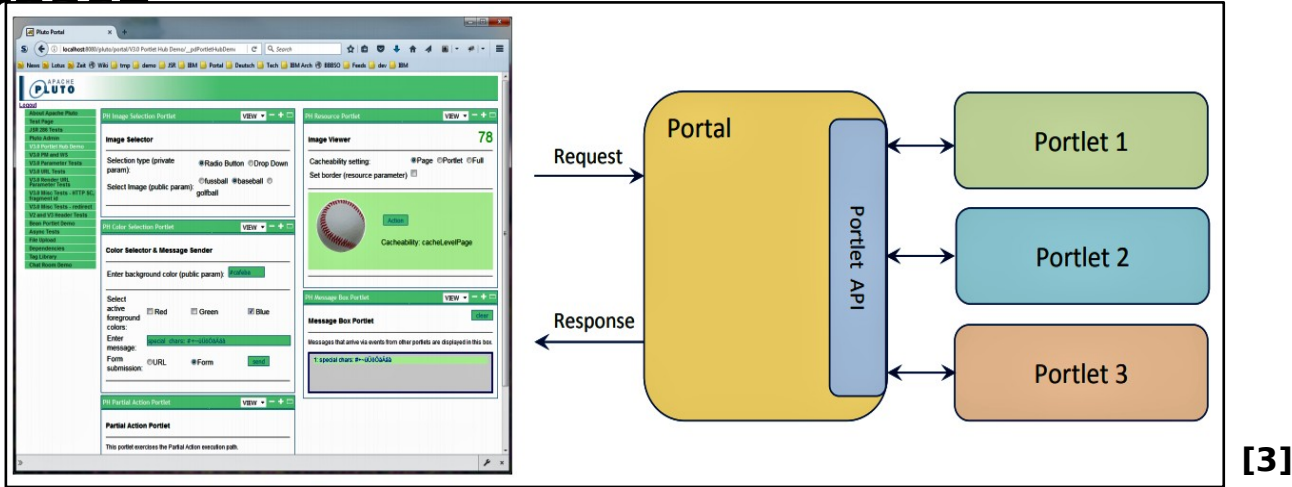
[2]: The CKAN Webportal
<https://ckan.org>



***How/Where should we
start
?***



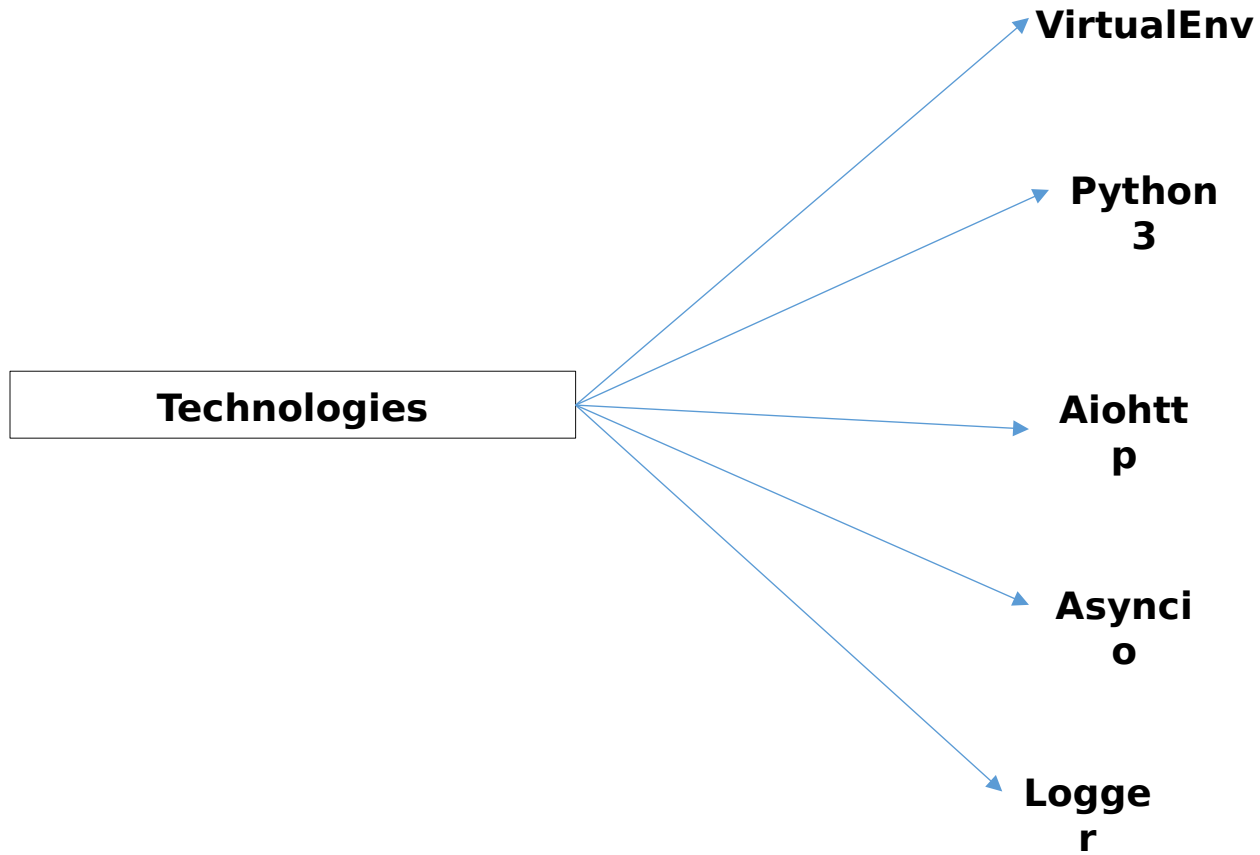
Our Approach



- [3]: Martin, Scott Nicklous and Neil, Griffin, Portlet Specification 3.0 Is Here!
- [CON3860] - Simplifying Portlet Development, Slide Presentation,
IBM Deutschland Research & Development GmbH and Liferay Inc., 2016
- [4]: CKAN Contributors, CKAN Documentation - CKAN Code Architecture, version 2.9. Available: <https://docs.ckan.org/en/2.8/contributing/architecture.html>.



❖ The Answers

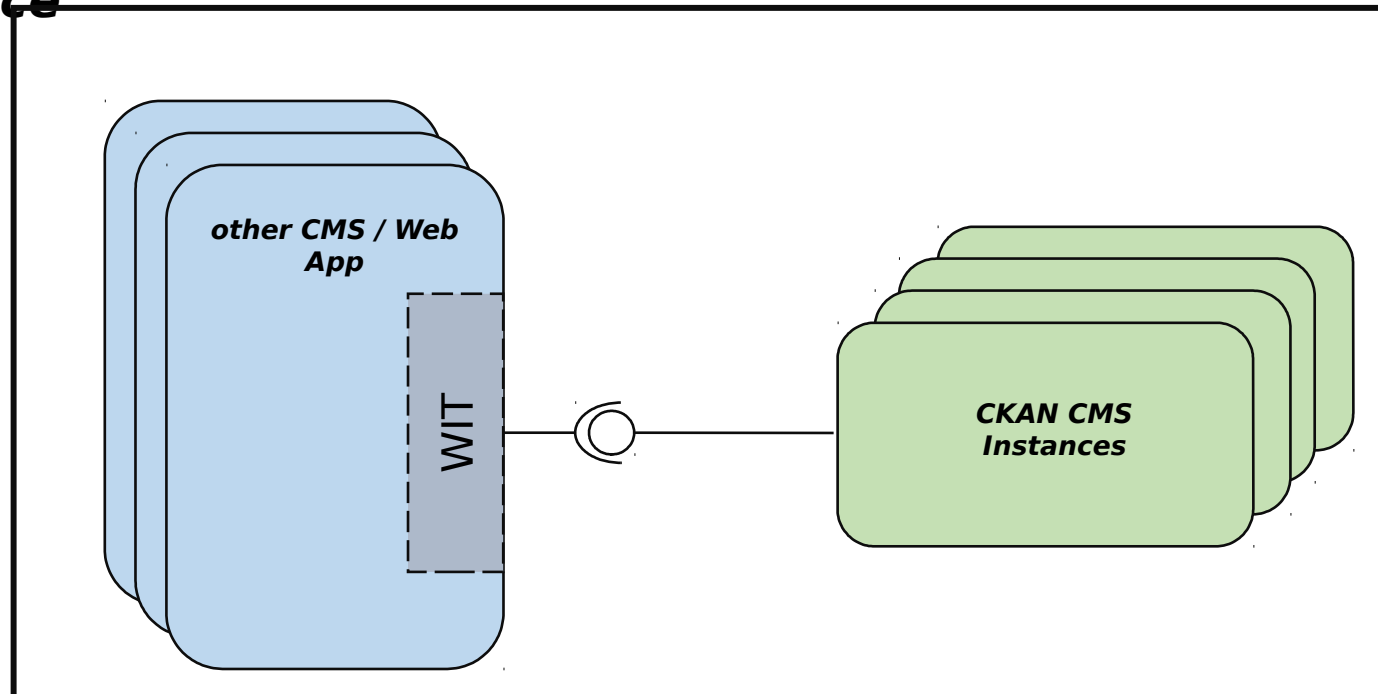




❖ The Answers

How will the Architecture look like?

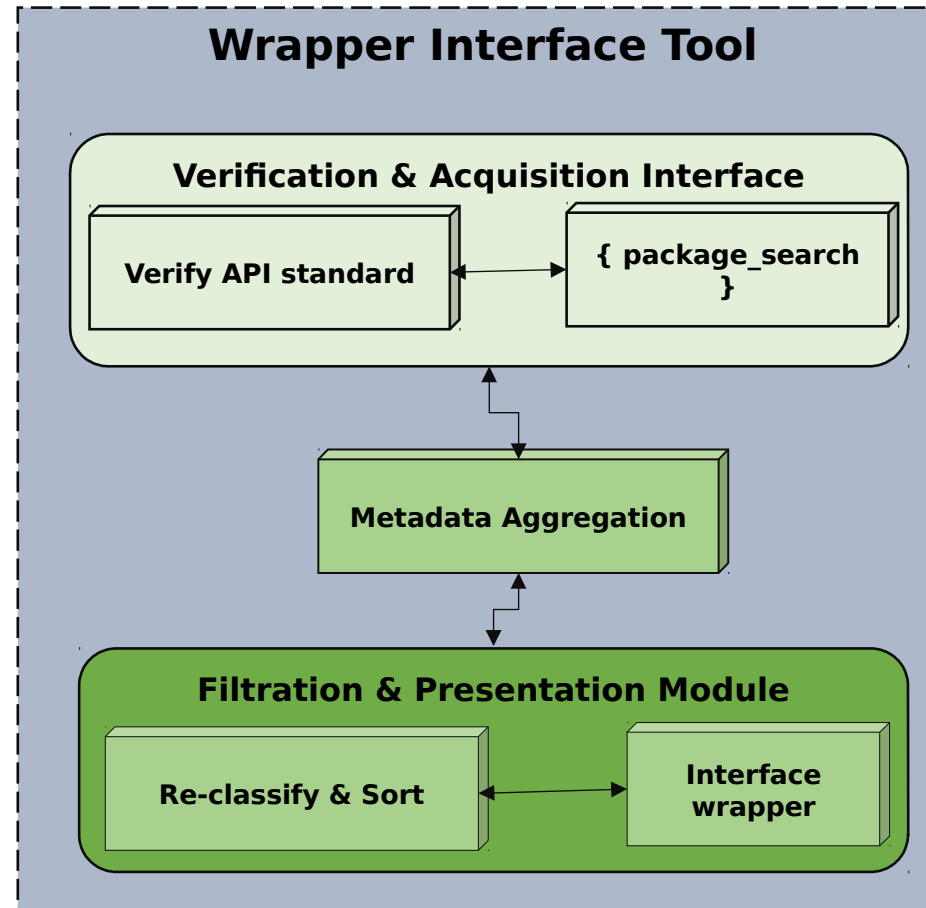
In UML parlance





❖ The Answers

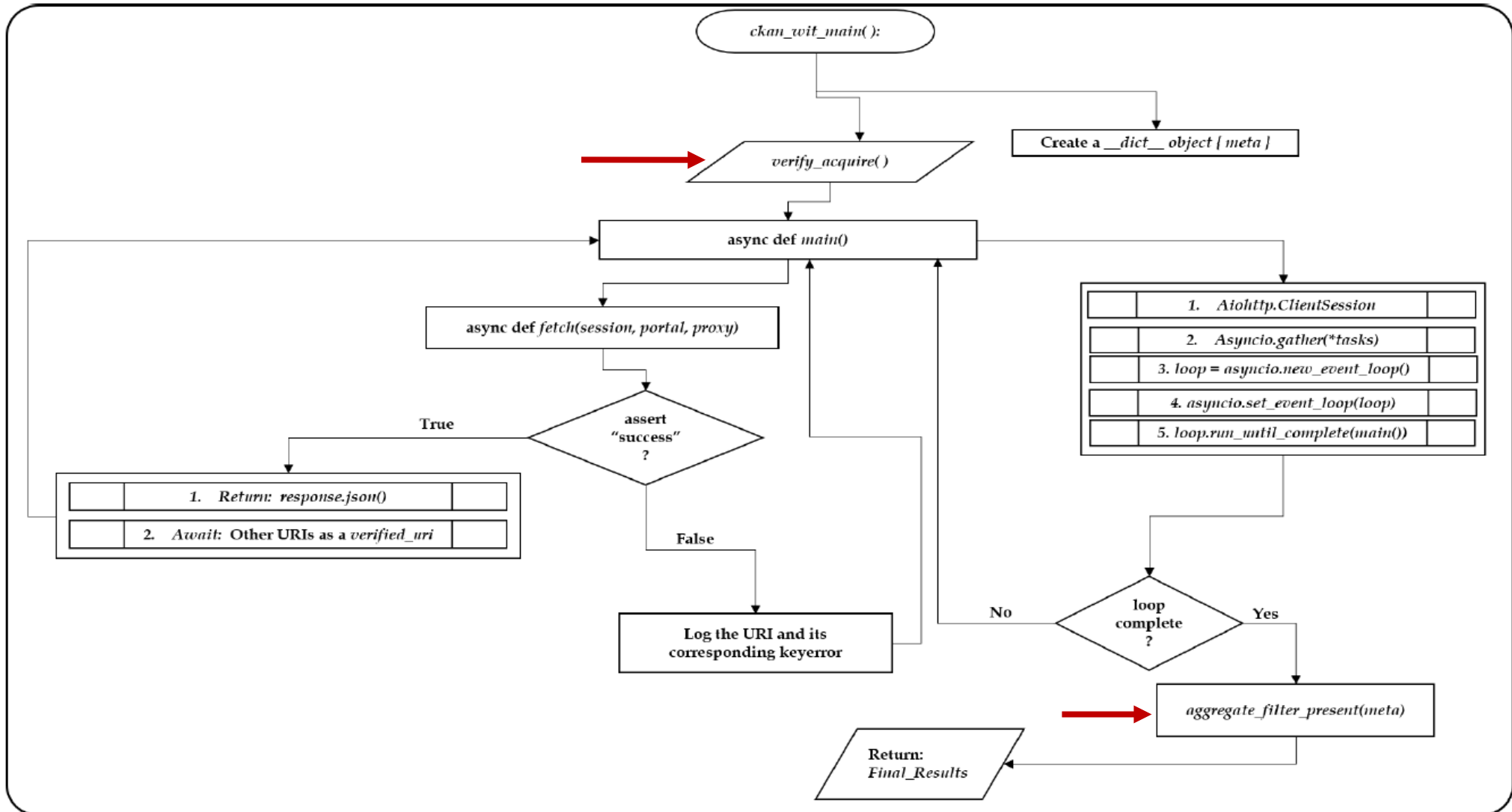
The implementation





❖ The Answers

CKAN-WIT main-controller



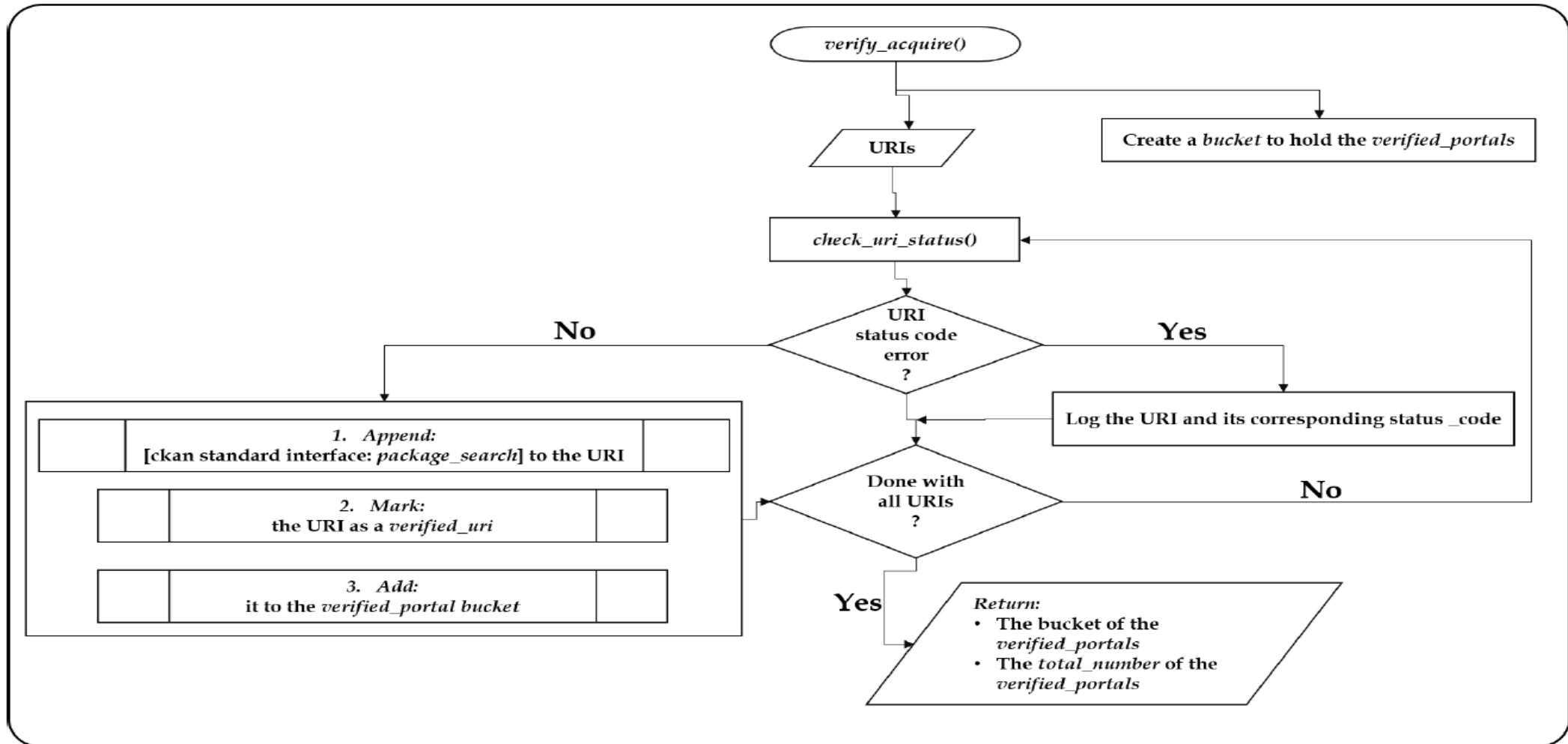


❖ The Answers

Verification & Acquisition Interface

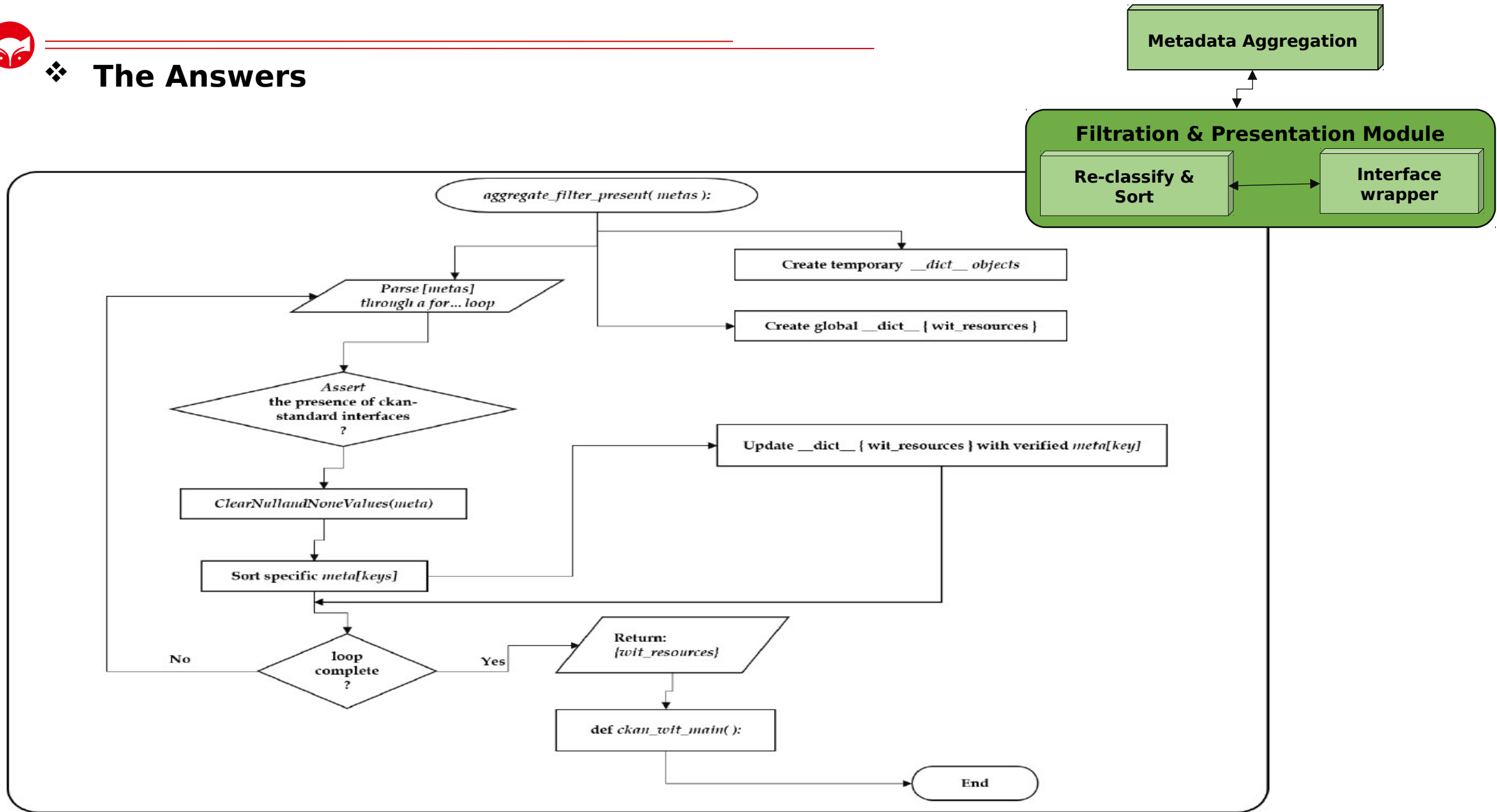
Verify API standard

```
{ package_search
}
```



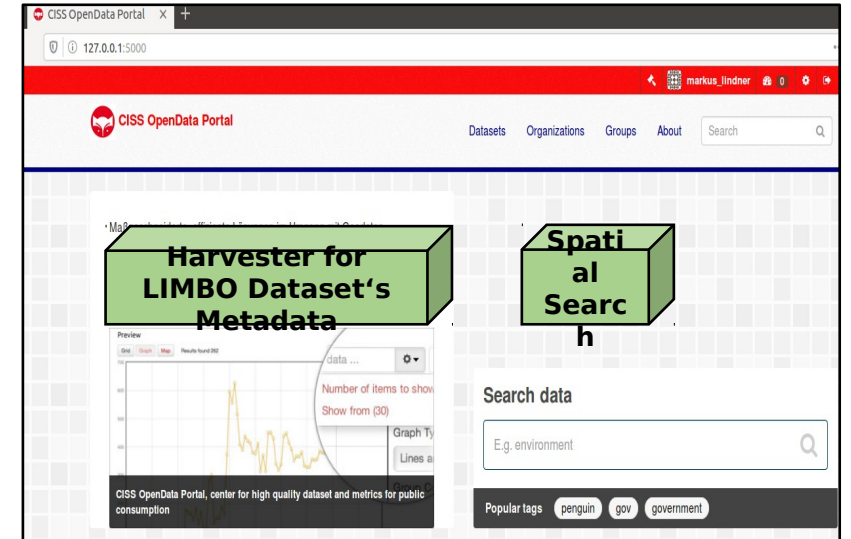
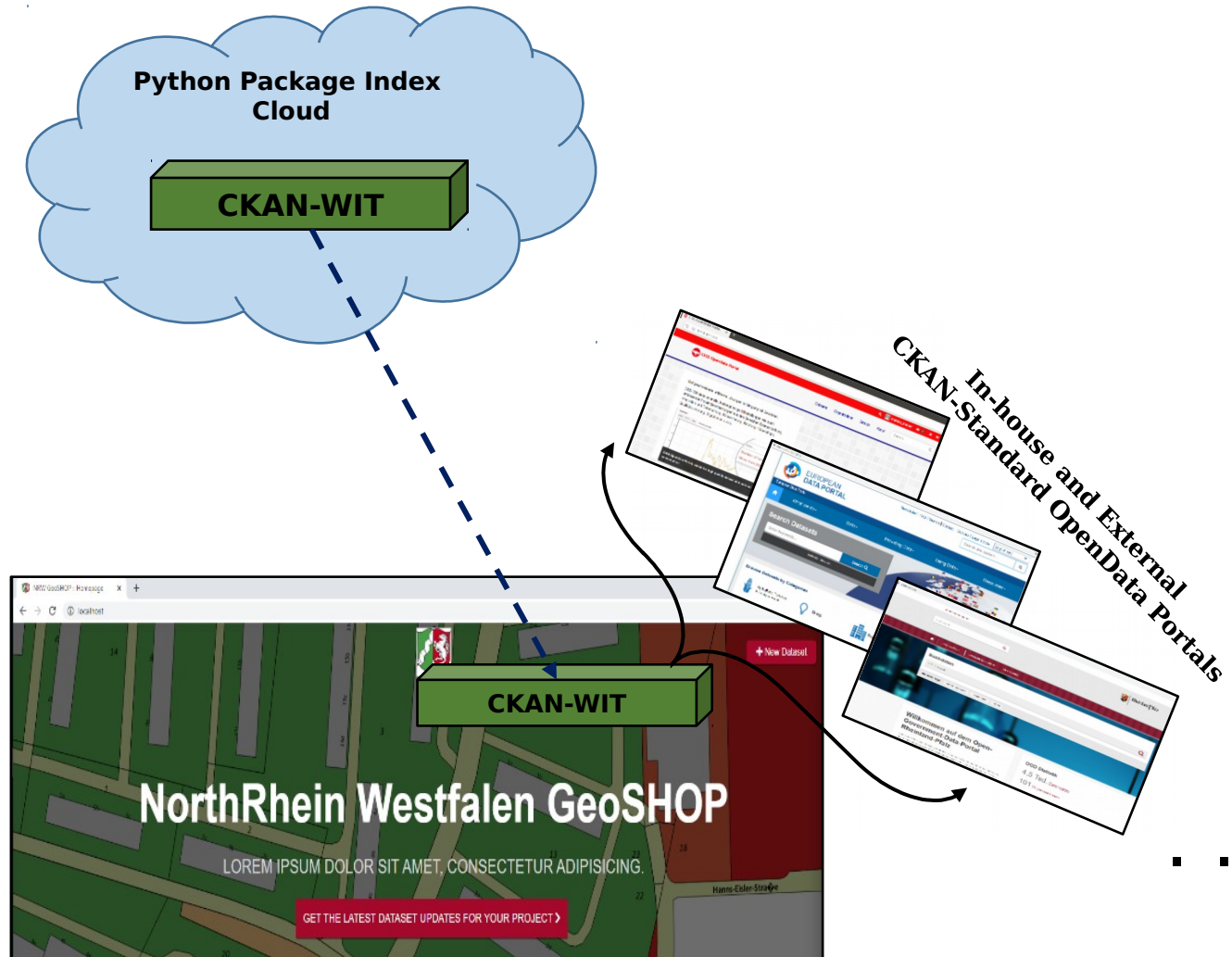


❖ The Answers





❖ The Answers





❖ The Answers

- <https://pypi.org/project/ckan-wit/>
- <https://ckan-wit-documentation.readthedocs.io/en/latest/>
- <https://limbo-opendataportal.ciss.de/>
- <https://shop.ciss.de/demo-zugang.html>



Thanks for Listening



<https://www.ciss.de>



Fragen?

