



ClearlyDefined

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@jeffmcaffer

Success!

AUG 28, 2018 | 07:59AM SGT

Cheryl replied:

Hi Jeff,

...we are giving you permission to use the design for your talk presentation under the pretext you need to attribute the artwork to "Penbender via Worth1000 // DesignCrowd.com".

Build/release a major product

Maven Central

UX bling

uhhh, JARs

Most downloads

Great README.md

Not too many dependencies

Deploy

CI/CD

Website go-live

WTaF?!



ko·sher

/'kōSHər/ 

adjective

1. (of food, or premises in which food is sold, cooked, or eaten) satisfying the requirements of Jewish law.
"a kosher kitchen"

Are frog legs kosher?

No, frogs legs are **not kosher**. **Lobster, shrimp, alligator tale, iguana, and snail** are also not kosher.

Are frog legs kosher? – kgb answers

www.kgbanswers.com/are-frog-legs-kosher/4687336

are frog legs kosher



All

Shopping

Images

Maps

Videos

More

Settings

Tools

About 1,140,000 results (0.32 seconds)

According to Jewish dietary laws all reptiles and amphibians are considered unclean animals. Therefore, **frog legs** are not **kosher**, and are forbidden to observant Jews. **Frog meat** is considered as haraam (non-halal) according to mainstream Islamic dietary laws.

[Frog legs - Wikipedia](https://en.wikipedia.org/wiki/Frog_legs)

https://en.wikipedia.org/wiki/Frog_legs



Lost confidence

Ensuring confidence for open source

License

Source location (i.e., commit for version)

Attribution seekers

Security

Build

Accessibility

A challenge for producers

Lack of clarity creates friction

Reduces adoption and engagement

Demand for more rigor takes resources and expertise

A challenge for consumers

Discovering copyrights and licenses can be hard

Getting resources for compliance harder still

Doing all that at scale is very challenging

Highly duplicative work and expensive!

But wait, still more challenges...

Producing projects are consumers too!

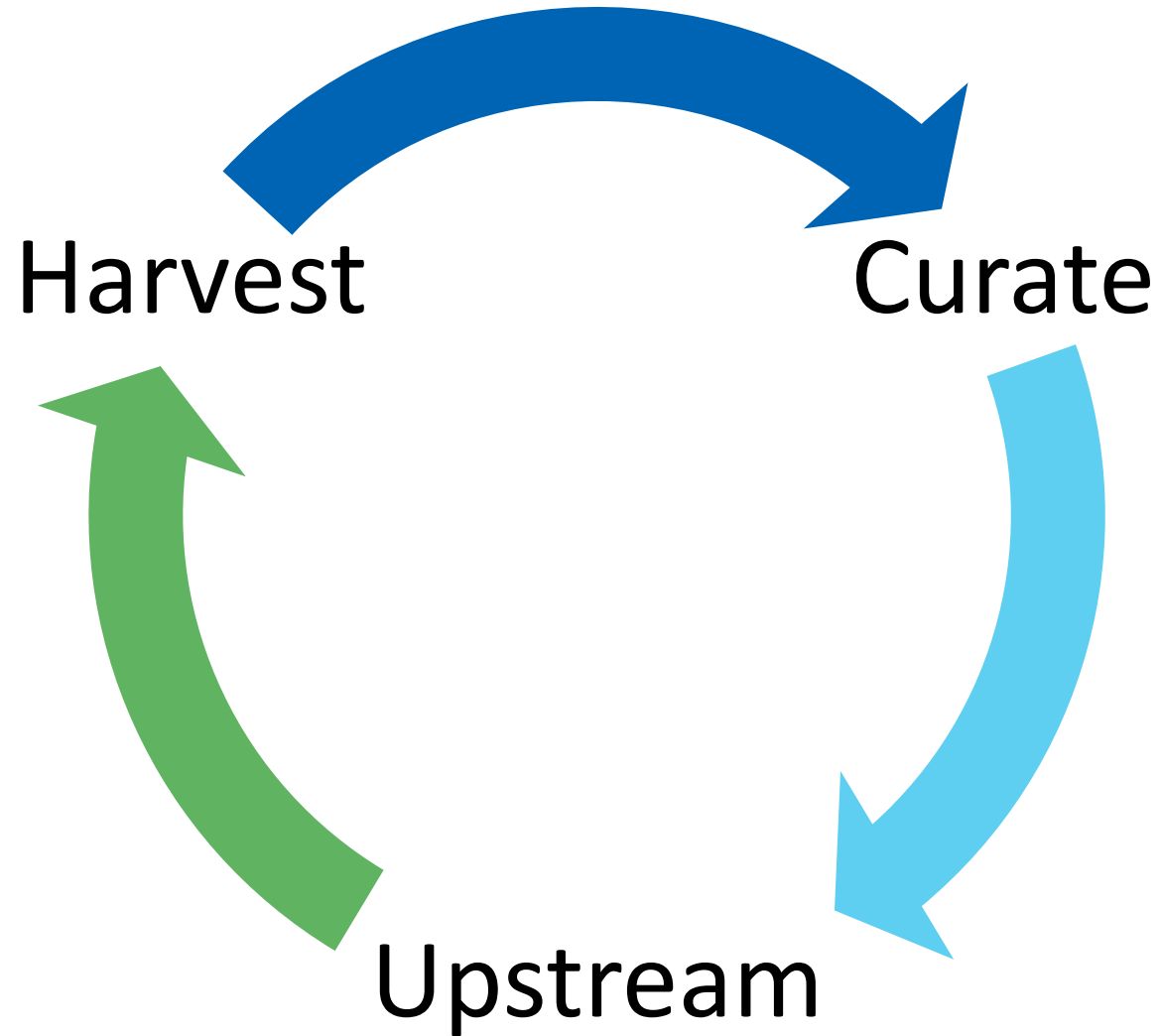
You inherit the issues of your dependencies

Incompatible or unknown components challenge your project's adopters

Community problem

Community solution

Virtuous cycle



Harvest

Automatically run tools on packages and source

Use ScanCode, FOSSology and more

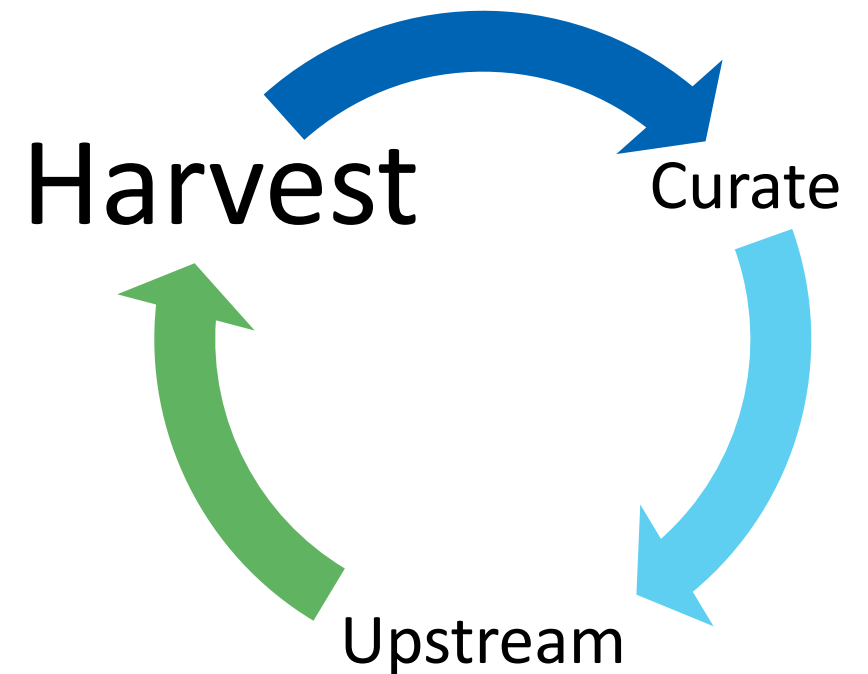
Summarize and aggregate

Create a "definition"

Source location

License info

Copyright info



Curate

Fill gaps and correct errors

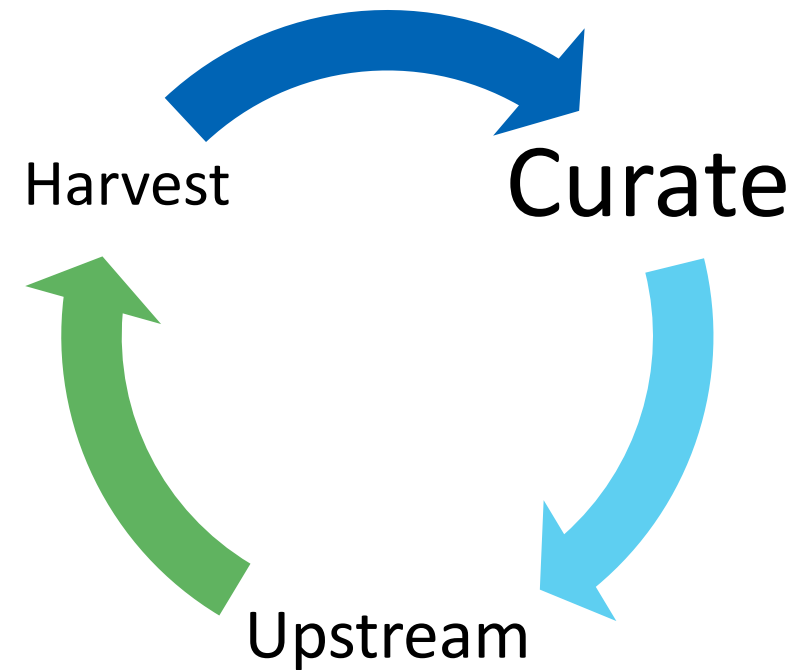
Work you are already doing

Do it in the open

Contribute curations

Review and merge

Changes included in data



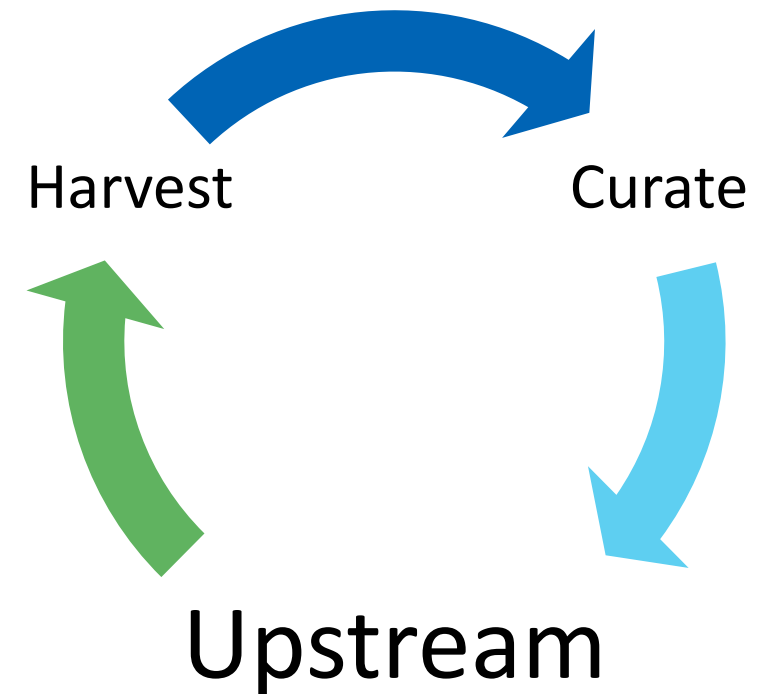
Upstream

Work with producers to understand norms

Implement tools to better match

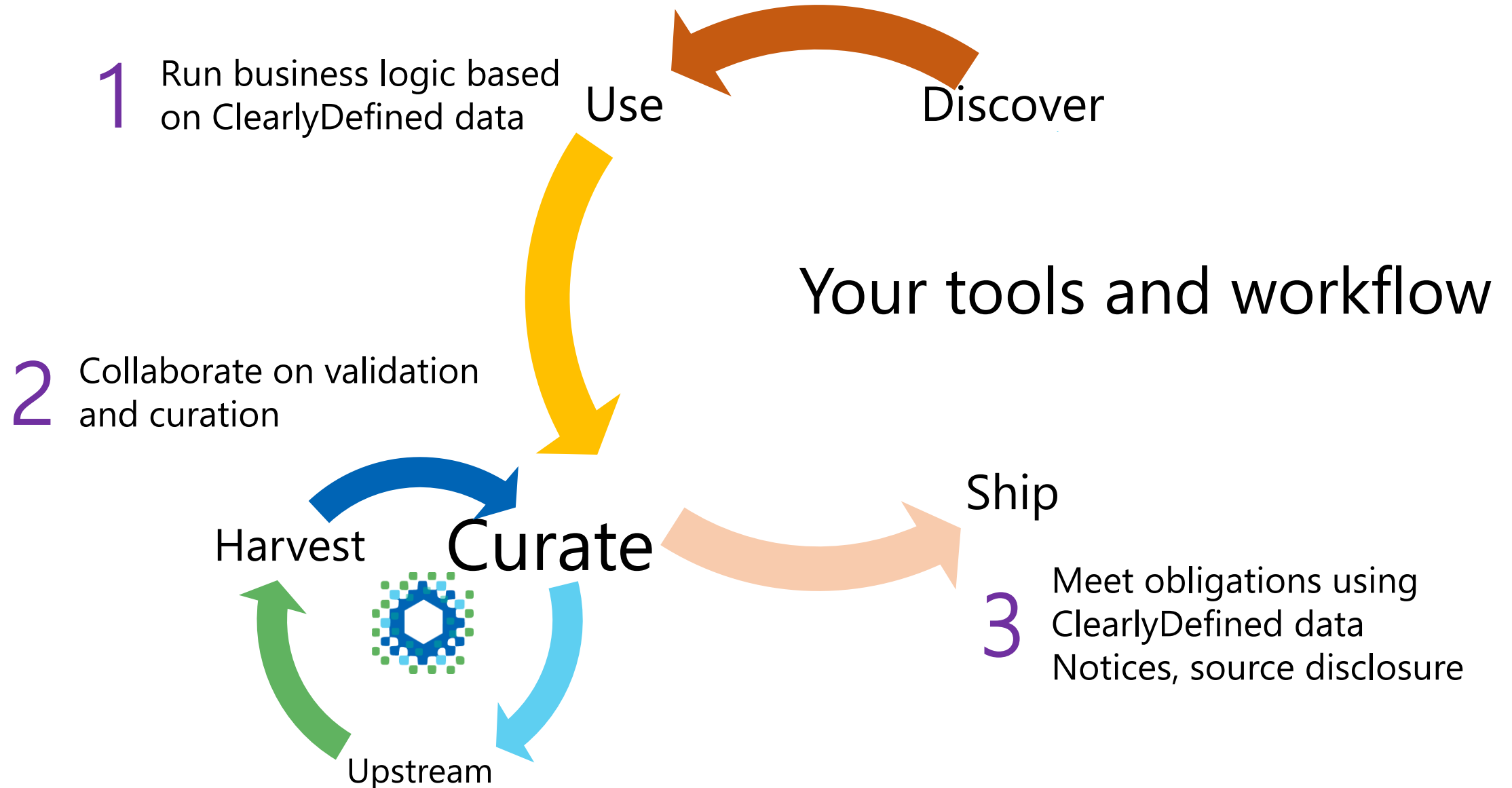
Contribute PRs to improve data

Future versions "clearly defined"



Demo

Integrate into your toolchain



Examples

OSS Attribution Builder – Attribution generator

Codescoop – Software tracking and insights

ORT – Discovery, tracker

[Errors \(8\)](#) [Addressed Errors \(0\)](#)

Maven:com.ibm.icu:icu4j:4.0.1
Dependency defined in ./pom.xml

DownloadException: **No source artifact URL provided for 'Maven:com.ibm.icu:icu4j:4.0.1'.**

Maven:net.sourceforge.jchardet:jchardet:1.0
Dependency defined in ./pom.xml

i **You can fix 3 of 8 errors using ClearlyDefined**

[Detected licenses \(24\)](#) [Declared licenses \(6\)](#)

Related efforts

SPDX - interchange format

OpenChain - compliance process

REUSE Initiative - intention formats

Software Heritage - archive source

Libraries.io - broad+shallow

CHAOSS - project health & analytics

npm1k.org - Nice! Let's do more

Quartermaster – build discovery

OSS Review Toolkit - scaling reviews

ScanCode - data detection

FOSSology - data detection

SW360 - data workflow+mgmt

Products - OK but always chasing

CII - security and quality

ClearlyDefined is about the data

ClearlyDefined – the project

Open Source Initiative (OSI) incubator project

Aligns with OSI's mission of stewarding open source and its licenses

Vendor- and community-neutral home

Operates like any other open source community

Collaboration across organizations and individuals

Partners



Get involved

Adopt – Got projects? Ensure they are ClearlyDefined

Curate – Already curating? Do it in the open at clearlydefined.io

Code – Got devs? Help with Node and React devs

Data – Got data? Donate your curations

Compute – Got cores? Run some harvester Docker images

Donate – Got \$\$? Support the above work by donating to OSI

And indicate the contribution is in support of ClearlyDefined

clearlydefined.io

github.com/clearlydefined

clearlydefined@googlegroups.com