

How to use DDOD



Demand-Driven Open Data

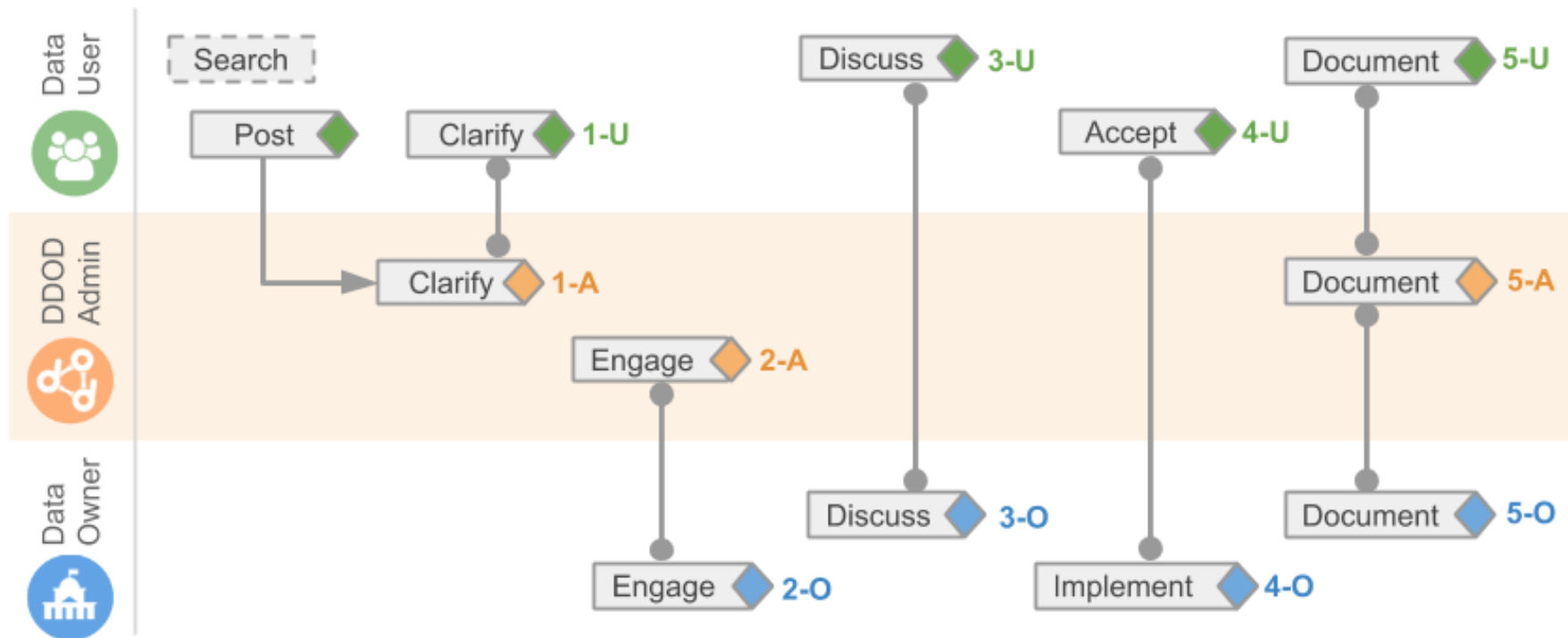


More info: <http://demand-driven-open-data.github.io>

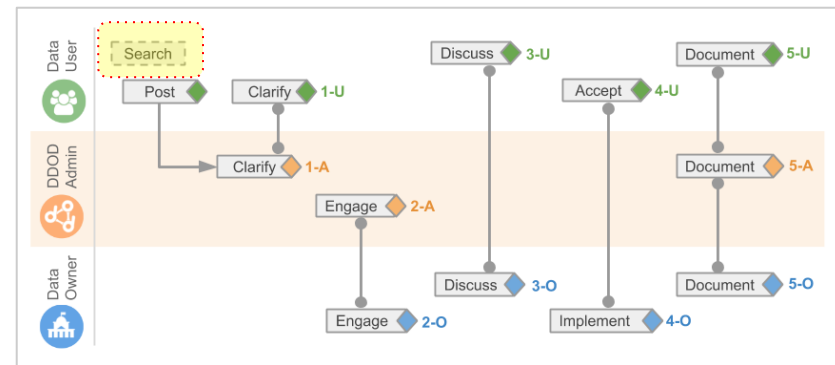
Contact: David.Portnoy@HHS.gov

DDOD Workflow & Milestones for each of the 3 participants:

Data User, Data Owner, and DDOD Admin



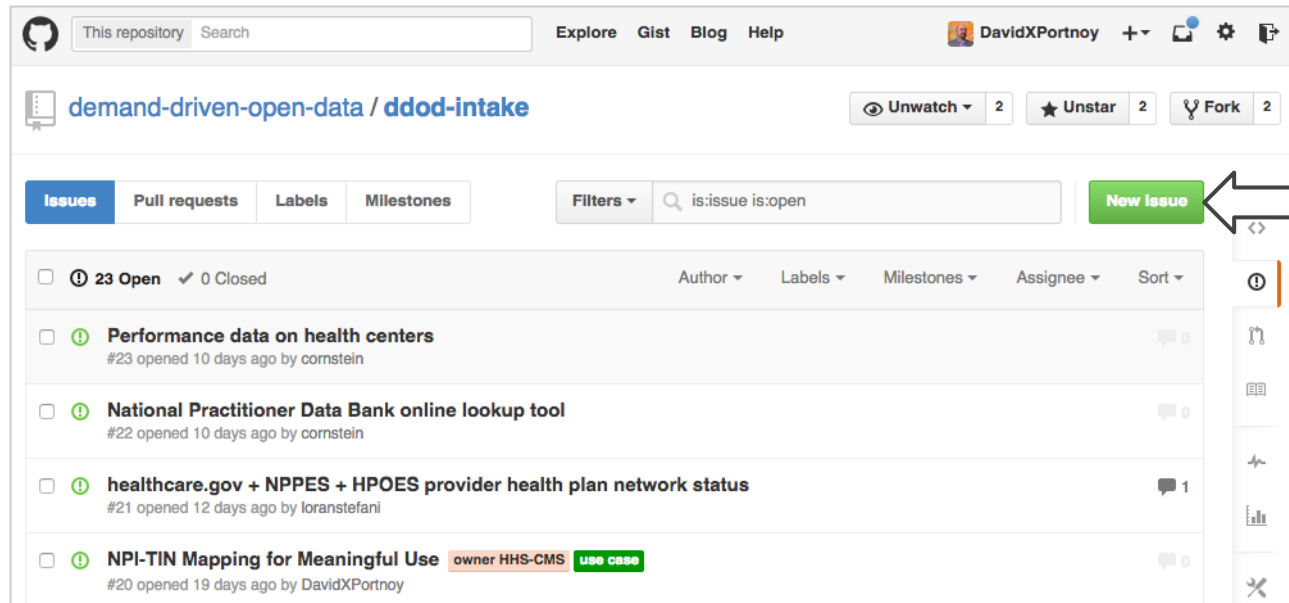
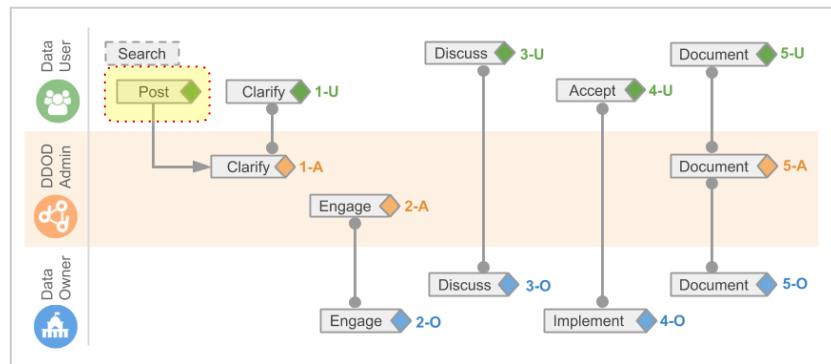
Data User searches HealthData.gov to see if the desired data already exists



The screenshot shows the HealthData.gov website interface. The header features the HealthData.gov logo and a network diagram of various health agencies including AHRQ, CDC, HRSA, CMS, IHS, ATSDR, SAMHSA, NIH, FDA, ACL, ACF, and ONC. The navigation bar includes links for Home, Data, Blog, Q & A, Ideas, and Developers, along with social media icons for Facebook and Twitter, and a search bar labeled 'Search entire site...'. The main content area shows a search for 'FDA devices' with a 'Search' button. Below the search bar, it suggests 'Did you mean FDA services'. The search results section displays 'Medical and Radiation Emitting Device Recalls' with a blue banner and the HHS logo. A note states: 'This database contains a list of classified medical device recalls since November 1, 2002'. On the left sidebar, there are filters for 'Sort by' (Relevancy, Title) and 'Filter by type' (Dataset (109), Blog Post (29), Page (1)).

Data User creates a new use case

First create an entry in Github issues (<https://github.com/demand-driven-open-data/ddod-intake/issues>) to start a record of a use case

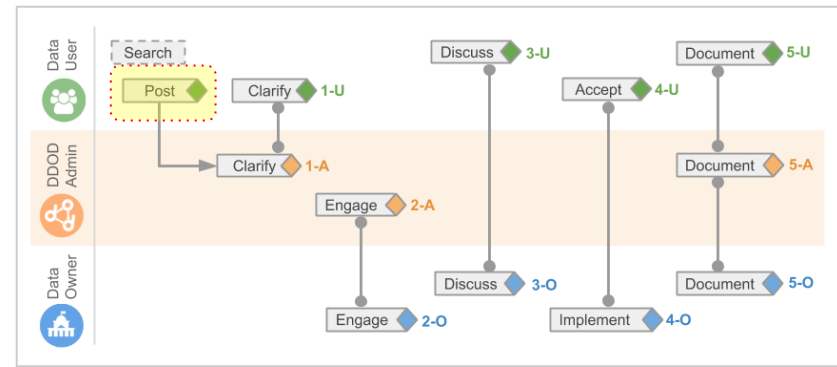


Create new issue

* You may need to create a GitHub ID

Data User creates a new use case (cont)

Then create a corresponding entry in Github wiki
(<https://github.com/demand-driven-open-data/ddod-intake/wiki>) to include specifications



Home

David X Portnoy edited this page 18 hours ago · 8 revisions

Purpose

This wiki contains the detailed specifications for each of the DDOD [use cases](#). It's intended to be modified by the community as needed.

Use Cases

- 1: [Centralized method to retrieve Medicare pricing by CPT](#)

Navigation

- [Home & Table of Contents](#)
- [Use Case Template](#)
- [Solution Template](#)

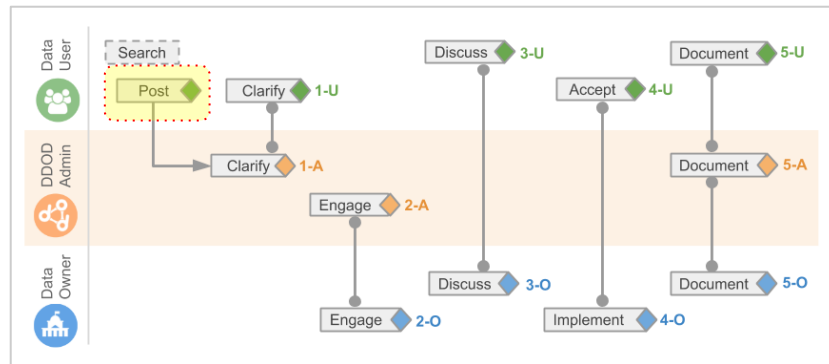
Clone this wiki locally

<https://github.com/demand-driven-open-data/ddod-intake>

Create new issue...

...using sections shown in the [Use Case Template](#)

Data User creates a new use case (cont)



Use Case Template

David X Portnoy edited this page 21 days ago · 4 revisions

Edit

Use case summary

- Title: _____
- Work item: <https://github.com/demand-driven-open-data/ddod-intake/issues/#>
- Activity log: [DDOD activity log for use case](#)
- Solution: <https://github.com/demand-driven-open-data/ddod-intake/wiki/Solution-#>

Description

• _____

Value

- Value to customer: _____
- Value to industry: _____
- Value to public: _____

Customer

• _____

Current data and limitation

- Data source: _____
- Challenge: _____

Specifications

- Fields: _____
- Update frequency: _____
- Joins between datasets: _____

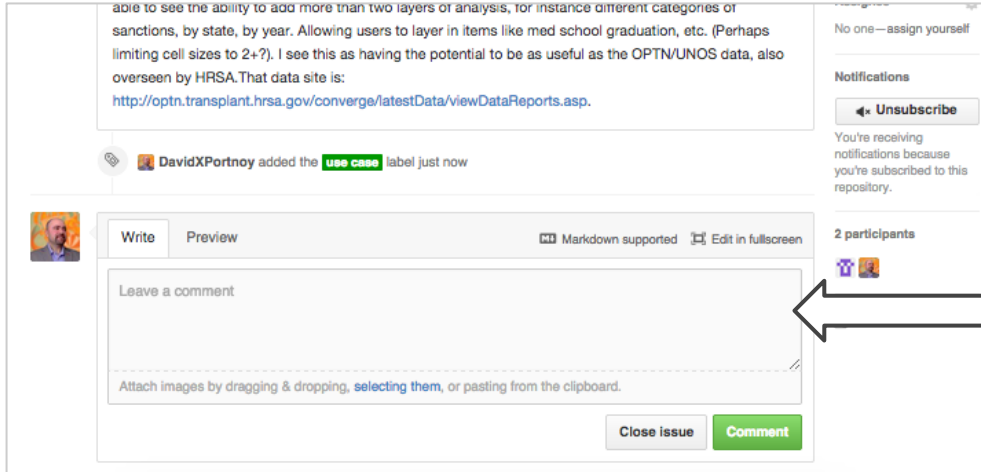
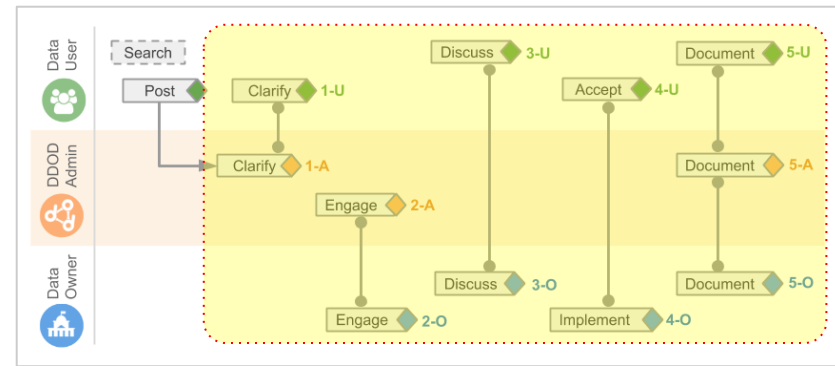
The sections of the [Use Case Template](#) are

1. Use case summary with associated links
2. Description of use case, including background and goals
3. Value, both to customer and industry/public
4. Current data used and its limitations
5. Specifications for needed data, including fields, links to other datasets, update frequency, access method, etc.

All communications between **Data User**, **Data Owner**, and **DDOD Admin** go through **Github issue** posts

This is done in the interest of transparency and tracking progress.

So for any question, answer, or change notification, each side enters a new comment into the Github issue associated with the Use Case.



DDOD Admin assigns appropriate status tags to the [Github issue](#) throughout the Use Case lifecycle

demand-driven-open-data / ddod-intake

Issues

Pull requests

Labels

Milestones

23 labels

Clarify: Admin (1-A)

Clarify: User (1-U)

Discuss: Owner (3-O)

Discuss: User (3-U)

Document: Admin (5-A)

Document: Owner (5-O)

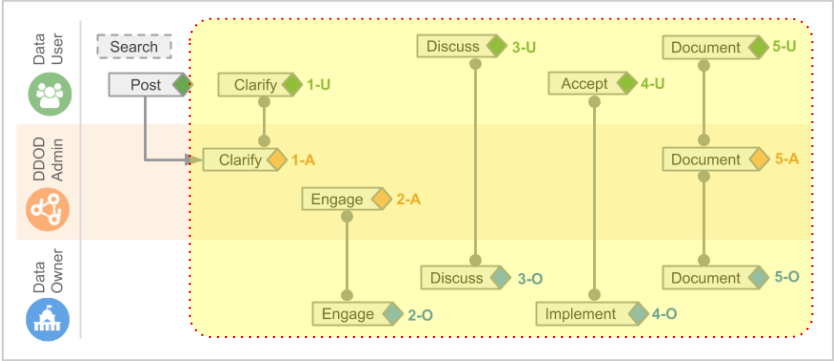
Document: User (5-U)

Engage: Admin (2-A)

Engage: Owner (2-O)

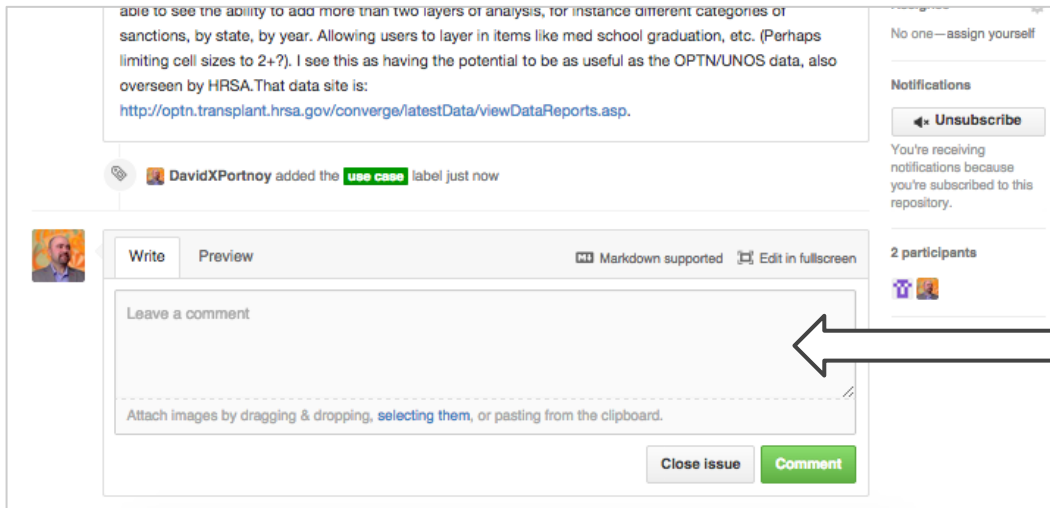
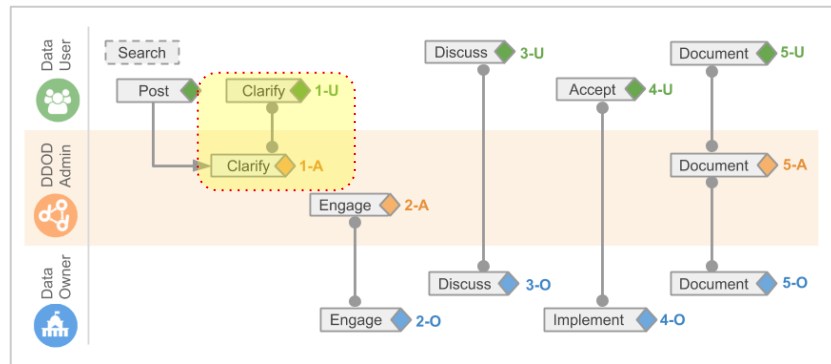
Implement: Owner (4-O)

Implement: User (4-U)



DDOD Admin reviews the entry and discusses it with the Data User to clarify any questions

DDOD Admin doesn't do any prioritization. They simply seek to understand enough about the request in order to find the right Data Owner and identify any obvious duplicates.

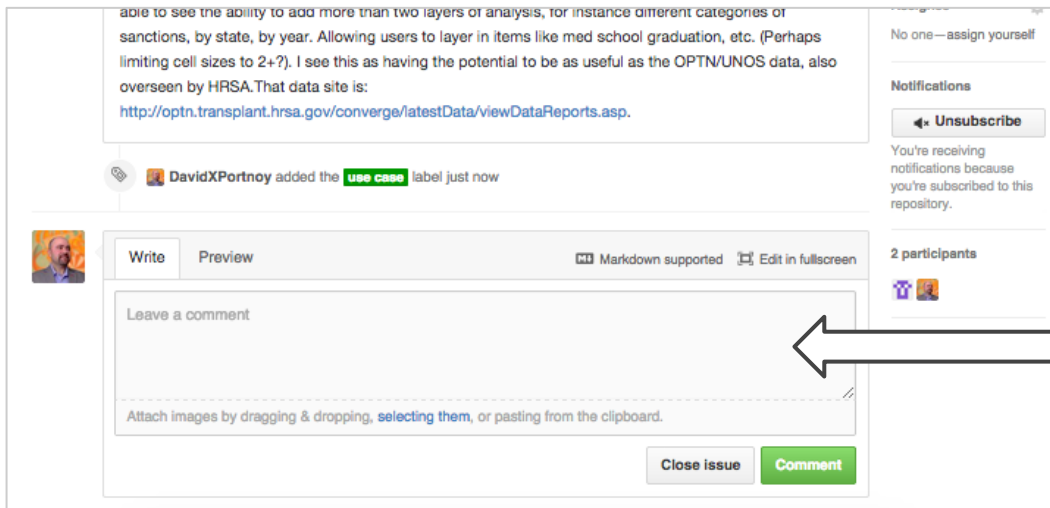
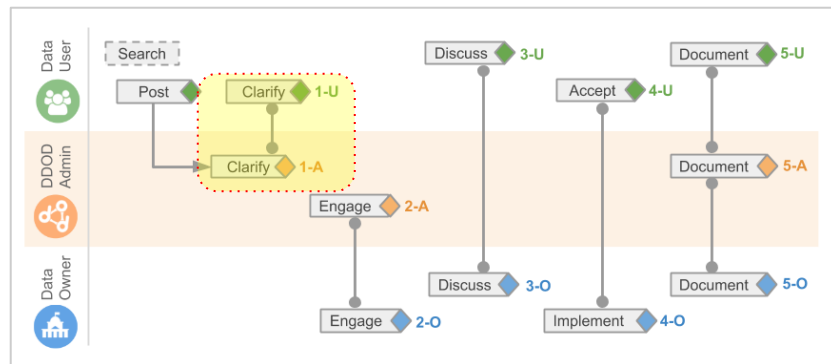


In the interest of transparency, all discussions take place using [Github Issues](#).

Each side enters new comments in indicate questions, answers, or changes to wiki entries (specifications and solutions).

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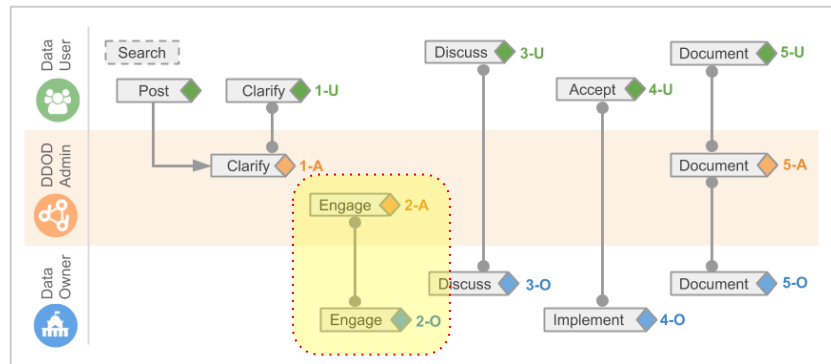


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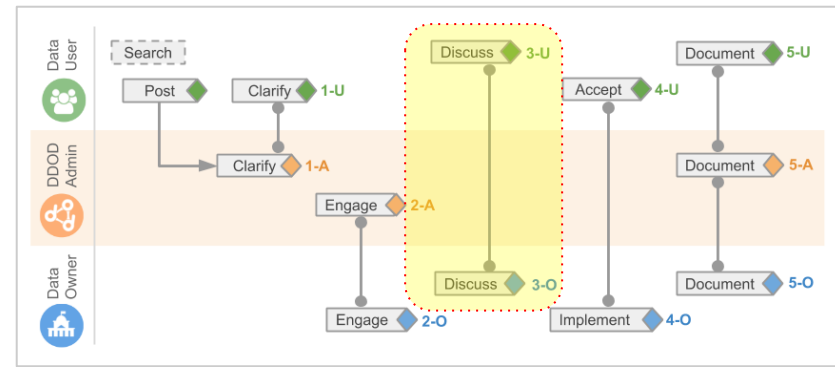
DDOD Admin searches for the relevant Data Owner and requests their involvement

For Data Owners who haven't worked with DDOD before, it might take additional time to get them educated to the value proposition and actively participating.



Data Owner follows up with **Data User** to fully understand the needs of the Use Case

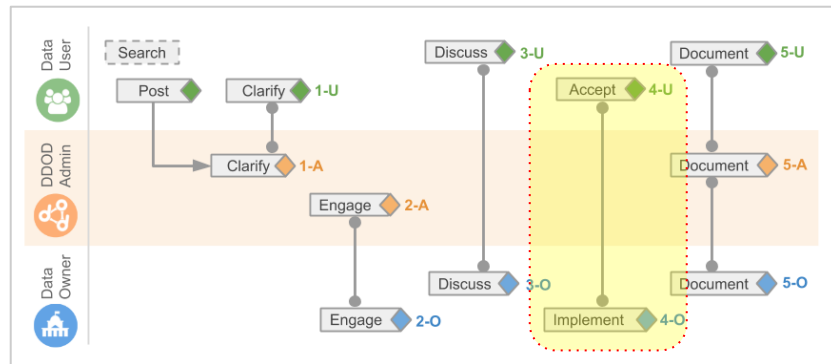
DDOD Admin may monitor the process to make sure that each side is responding within target timeframes and the use case doesn't get abandoned



Data Owner works on implementing the solution while collaborating with Data User

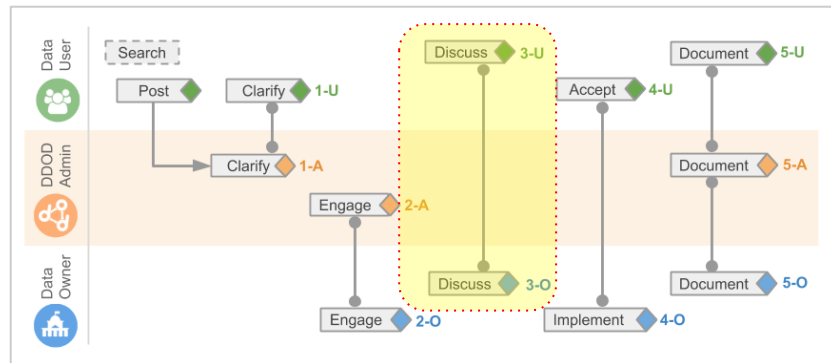
The Data Owners creates a Solution entry in [Github wiki](#) associated with the use case implementation. It could include:

1. **Short term** workaround, such as instructions for manipulation of existing data sources or specifications to ensure consistent results for FOIA requests
2. **Intermediate term** solutions, such as improvements to existing datasets that are done specifically as a result of the use case
3. **Long term** solutions, such as identifying commitment dates for new system features or significant data releases

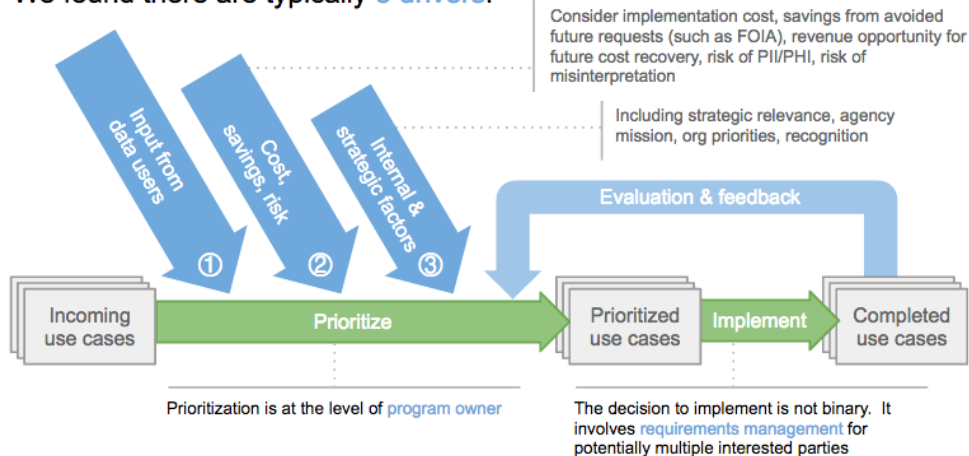


Data Owner works on implementing the solution while collaborating with Data User (cont)

It should be pointed out that the Data Owner ultimately decides what to implement.



All prioritization and implementation **decisions** are made by Data Owners. We found there are typically **3 drivers**.



They have to weigh a wide range of factors, including perceived demand, cost and agency mission.

But regardless the decision, DDOD stipulates that it's mandatory to document it, along with the reasons.

Finally, the **Data User**, **Data Owner**, and **DDOD Admin** all participate in documenting the use case

1. Data Owner creates a Solution entry for the use case and makes sure it's linked to the Specifications
2. Data User makes sure the Specifications and Solution are up to date
3. DDOD Admin adds the Use Case and associated datasets to HealthData.gov, along with tagging and annotations for future discovery

