



HMetS Writing Group

Use Cases from the World Data System

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August 13, 2021
Writing Group Session

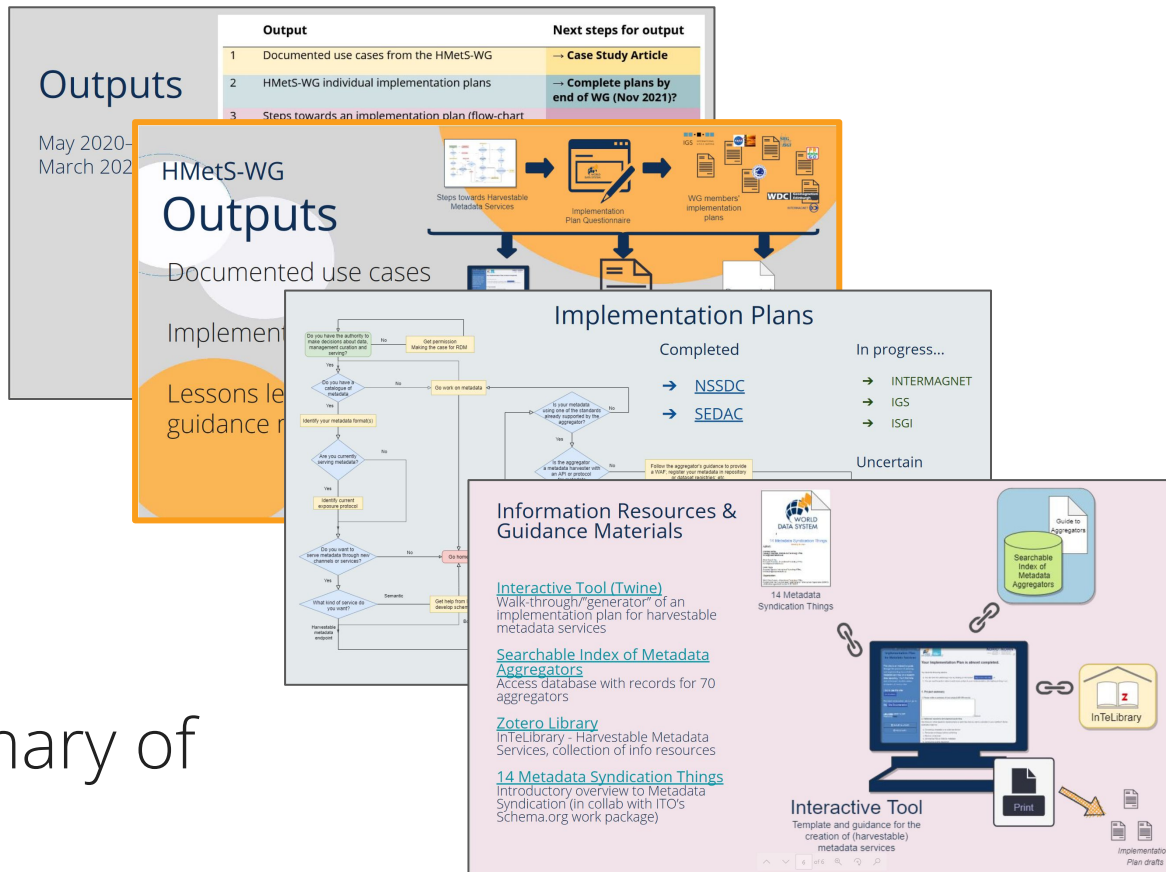
This meeting

Aug 13, 2021

1. Where we left off
2. Collaboration framework
3. Paper proposal and contents
4. Collaboration spaces

HMetS-WG

Outputs



Slides with summary of
outputs

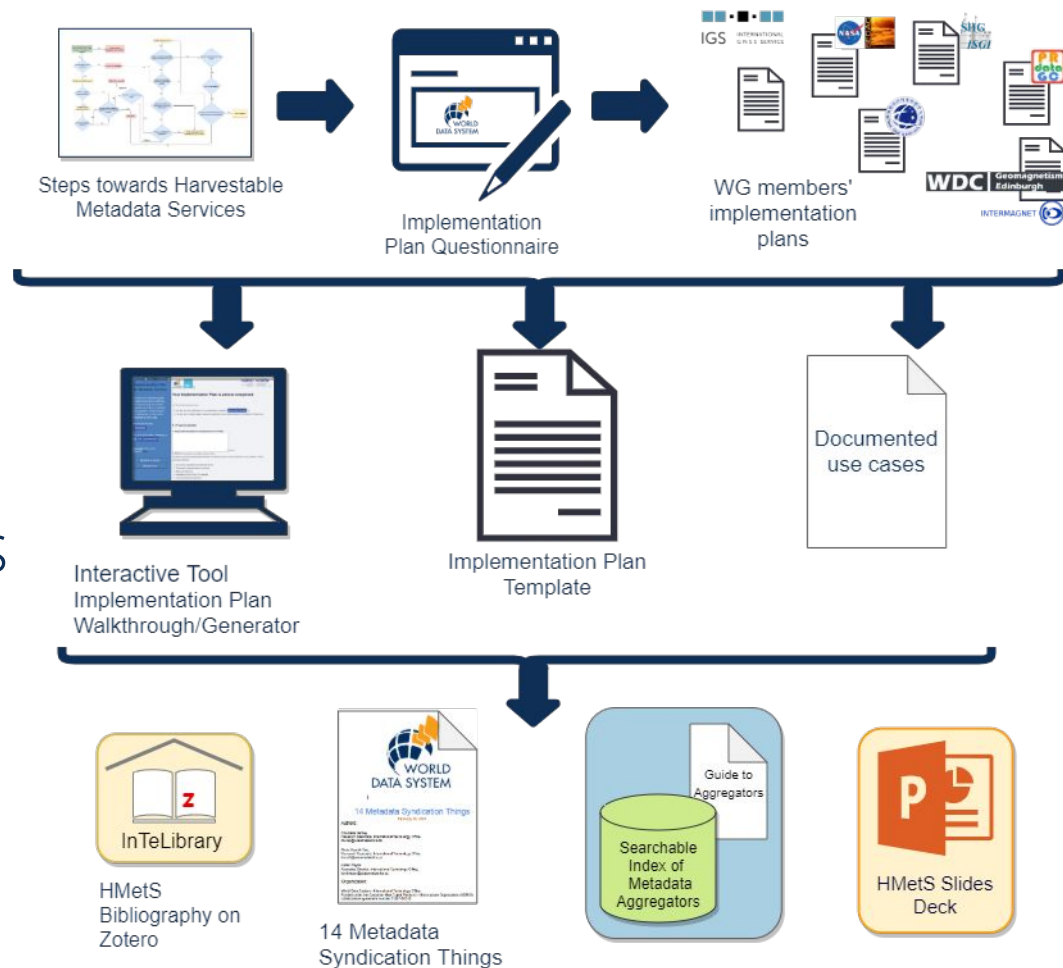
HMetsS-WG

Outputs

Implementation Plans

Documented use cases

Lessons learned & guidance materials



Information Resources and Guidance Materials

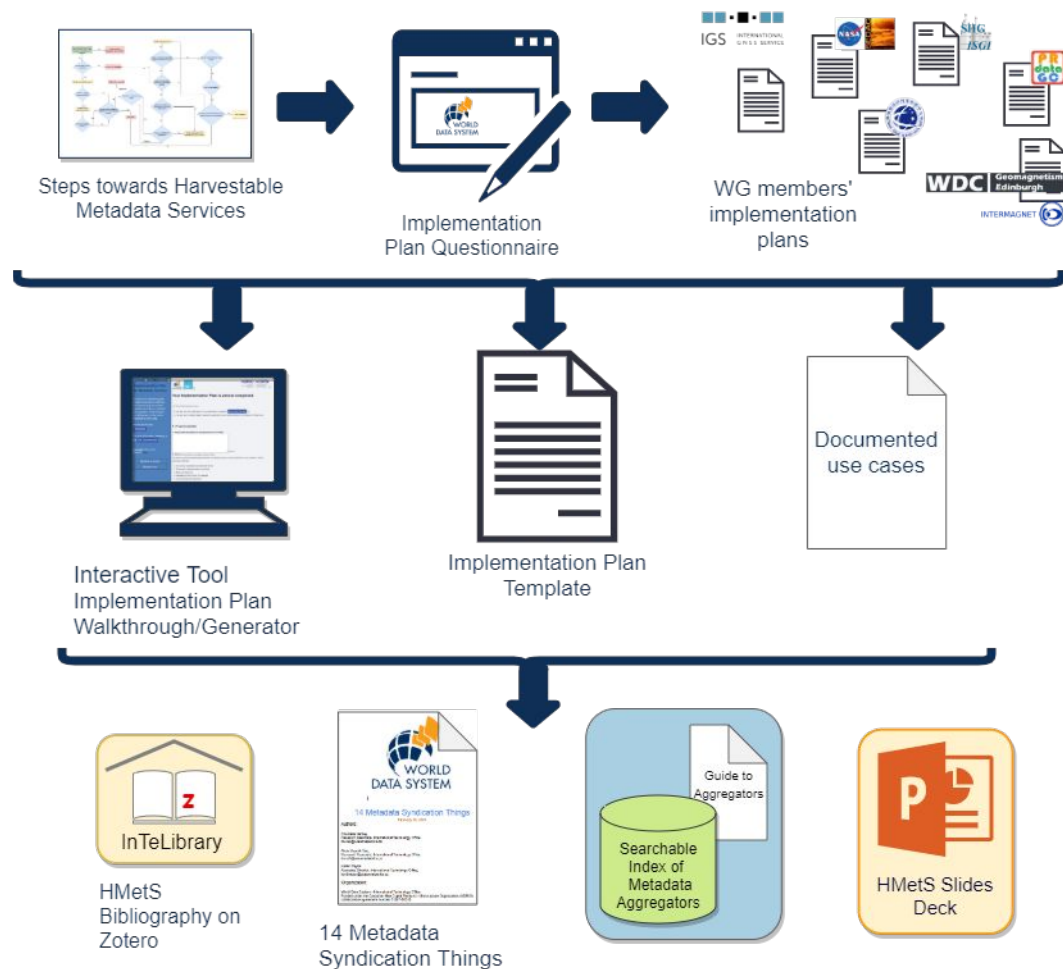
HMetsS-WG

Outputs

Implementation Plans

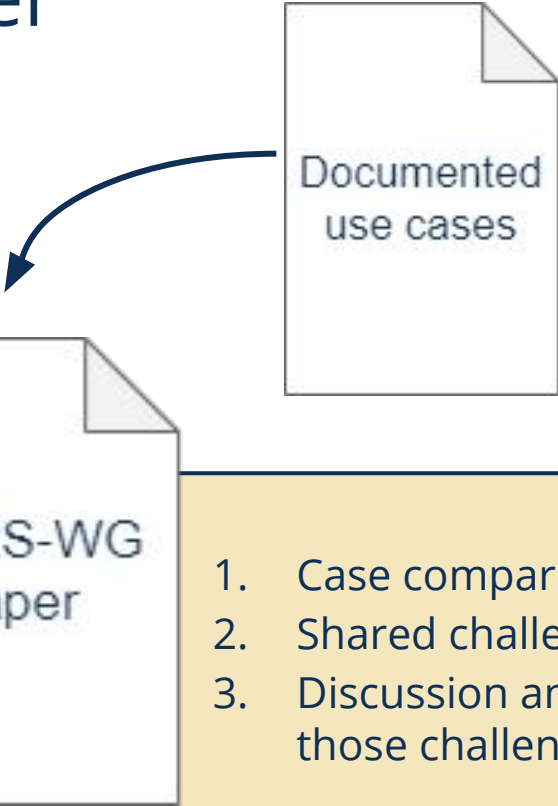
Documented use cases

Lessons learned & guidance materials



Information Resources and Guidance Materials

Contents of the paper



Documented
use cases

HMetS-WG
Paper

1. [Chinese National Space Science Data Center](#)
2. [Global Change Research Data Publishing and Repository](#)
3. [INTERMAGNET](#) and [WDC-Geomagnetism \(Edinburgh\)](#)
4. [International GNSS Service](#)
5. [International Service of Geomagnetic Indices](#)
6. [Socioeconomic Data and Applications Center](#)
7. [World Data Center for Renewable Resources and Environment](#)

→ Description of infrastructure, services, plans for development, resources, **challenges**

1. Case comparison, analysis
2. Shared challenges, approaches to solving them
3. Discussion and analysis of available recommendations to address those challenges

Process: Collaboration Framework, Meetings, Spaces

Collaboration Framework
ito-ra1 edited this page 1 minute ago · 8 revisions

Overview

The full text of the document as a LaTeX-PDF version can be viewed on Overleaf. It is most up to date. The Paper proposal contains the proposed sections and contents can be found here.

The HMetS-WG is preparing a Research Paper for publication at the Data Science framework collaboration, in particular our approach to collaboration, contribution

Publication Venue and Preprint Plans

1. Data Science Journal:
 - Research paper: 8 000 words
 - Publication fees (USD\$ 350) due upon acceptance
2. Other journals?

Meetings

ito-ra1 edited this page 2 hours ago · 14 revisions

Working Meetings

Type of meetings

- **Meetings:** Joint, synchronous sessions (e.g. Zoom).
- **Checkpoints:** Asynchronous instance (e.g. via Slack and/or Overleaf) for questions, share and resolve obstacles. Optionally, the CWG may decide

Groups

- **WG-Coord** = Co-chairs and ITO.
- **CWG** = Core writing group, made up of co-chairs, ITO, and other coordinators.
- **WG** = All writers (w). For $w \notin \text{WG}$: w has time to contribute to the writing of the CWG if they so choose, but they don't make an active or regular contribution.

Meeting Agendas

Dates

#	Type	Group	Target date	
1	Meeting	WG-Coord	April 27	Review & refine group
2	Meeting	CWG	August 13	Review null-draft & a
3	Checkpoint	WG	August 27	Deadline for status up

Collaboration Spaces

ito-ra1 edited this page 2 days ago · 21 revisions

The diagram illustrates the workflow for collaboration spaces, showing the integration of Zotero, Overleaf, and GitHub Sync. Zotero sync is used for managing references, which are then synced with Overleaf. Overleaf is used for collaborative writing, and GitHub Sync is used for managing the code and documents. The diagram also shows the use of Zotero for managing references and the use of Overleaf for collaborative writing.

<https://github.com/ito-ra1/hmets.github.io/wiki/Collaboration-Framework>

(re)introductions

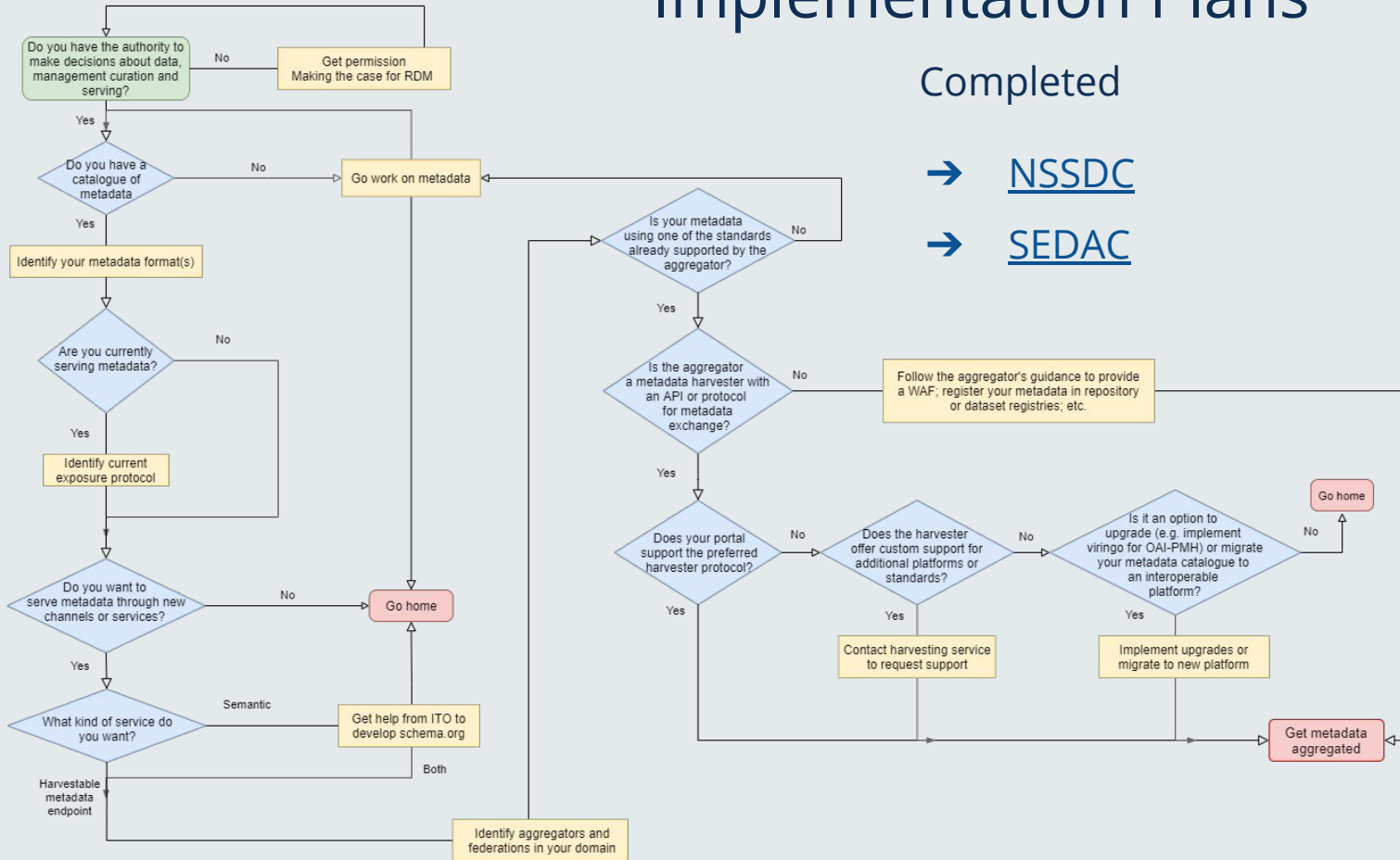


What is your name?

What is your quest?

**What is your
methodology?**

Implementation Plans



Completed

→ [NSSDC](#)

→ [SEDAC](#)

In progress...

→ INTERMAGNET

→ IGS

→ ISGI

Uncertain

→ GCdataPR

Information Resources & Guidance Materials

Interactive Tool (Twine)

Walk-through/"generator" of an implementation plan for harvestable metadata services

Searchable Index of Metadata Aggregators

Access database with records for 70 aggregators

Zotero Library

InTeLibrary - Harvestable Metadata Services, collection of info resources

14 Metadata Syndication Things

Introductory overview to Metadata Syndication (in collab with ITO's Schema.org work package)



14 Metadata
Syndication Things

