

# 2016-01-06 PEPFAR Data Exchange Implementer Call

## RECORDING

- An audio recording of today's call is available: [https://archive.org/details/20160106PEPFAR44569501\\_201602](https://archive.org/details/20160106PEPFAR44569501_201602)

## Want to join the call?

### Dial Toll Free Number:

- US: 800-220-9875
- Norway: 800-142-85
- Ireland: 800-625-002
- Canada: 800-221-8656
- South Africa 0-800-982-555
- International (Not Toll-free) 1-302-709-8332
- For additional toll free country numbers [click here](#).

Access Code **69593570#**

\*\*We can dial in any participants who are not able to connect through Skype or one of the above numbers, please email [Angad.Dhindsa@icfi.com](mailto:Angad.Dhindsa@icfi.com) 24 hours in advance to be dialed in.

## Notes

### Attendees:

Angad Dhindsa (MEASURE Evaluation)  
Denise Johnson (MEASURE Evaluation)  
Jamie Thomas (Regenstrief)  
Jennifer Shivers (Regenstrief)  
Michael Mwebaze (MEASURE Evaluation/JSI)  
Manish Kumar (MEASURE Evaluation)  
Angela Dormagen (USAID M/CIO)  
Jim Grace (HISP US)  
Jason Pickering (HISP/UiO)  
Amy Wald St. Pierre (CDC)  
Mark DeZalia (OGAC)  
Jacob Buehler (USAID)  
Jasmine Buttolph (Peace Corps)  
Zhanar Haimovich (CDC)  
Saad Khan (USAID)  
Bonnie Lee (OGAC)  
Rachel Lucas (USAID)  
Danan Juthe (OGAC/PwC)  
Vilma Thomas (CDC)  
Paul Biondich (Regenstrief)  
Josephine Mungurere-Baker (BAO)  
James Kariuki (CDC)  
Ola Hodne Titlestad (UiO)  
Mark Wilson (CDC)  
Travis Lim (CDC)  
Leigh Tally (CDC)  
Orrin Tiberi (CDC)  
Jason Roffenbender (OGAC)  
Stacey Berlow (MEASURE Evaluation)  
Shaun Grannis (Regenstrief)  
Lorinne Banister (Regenstrief)  
Prosper Behumbiize (HISP Uganda)  
Agenda/Materials:  
<https://datim.zendesk.com>  
General DHIS2 documentation:

- DHIS2 Developer Guide: [http://dhis2.github.io/dhis2-docs/master/en/developer/html/dhis2\\_developer\\_manual.html](http://dhis2.github.io/dhis2-docs/master/en/developer/html/dhis2_developer_manual.html)

Provides detailed information on both the meta-data as well as data API. This is a versioned document and is continuously updated, so be sure are looking at the most recent version of the document for the version of DHIS2 which you are exchanging data with. Note that different versions may have different API specifications.

- ADX in DHIS2: <http://dhis2.github.io/dhis2-docs/master/en/developer/html/ch01s13.html>
- More examples of ADX: <https://github.com/dhis2/adx>

DATIM Specific documentation:

- Main DATIM import guide landing page <https://datim.zendesk.com/hc/en-us/categories/200415559-Administrator-and-Data-Import-Resources>
- Specific guide on data file format and procedures for data import into DATIM: <https://datim.zendesk.com/hc/en-us/articles/205981785-Data-Import-Exchange-Reference-Guide>
- More instructions with up to date code lists: <https://datim.zendesk.com/hc/en-us/articles/201767379-DATIM-Data-Exchange-Instructions-and-Code-Lists>

OpenHIE DATIM Exchange project specific documentation: <http://ohie.org/datim>:

- Project charter
- Software releases
- Technical project management resources (calls, minutes, project plans, timelines)
- Links to IHE references for standard profiles (ADX and CSD) used in DATIM exchange
- Descriptions of data sharing "workflows" related to DATIM data exchange

OpenHIE DATIM source repo and the binary packages <https://wiki.ohie.org/display/resources/Packaging+Testing>  
Demoland/Trainingland data exchange scenario.

This document describes a few "typical" data exchange scenario between the Demoland and Trainingland environments.

- Working draft is available here: [http://rpubs.com/jason\\_p\\_pickering/139589](http://rpubs.com/jason_p_pickering/139589)
- Source code with sample data payloads available here: <https://github.com/jason-p-pickering/demoland-dataexchange>

DATIM Validation scripts:

- Discussed in previous calls, but also contains useful examples of working with the DHIS2/DATIM API.
- <https://github.com/jason-p-pickering/datim-validation>

Other resources:

- Extensive documentation /examples / tutorials on data wrangling /data munging

Possible future directions? Feedback needed here.

- Manual examples in Excel
- Other examples in programming languages such as Python, Node.JS, VB (others?)
- Libraries to help with data import /export

Minutes:

- Meeting every Wednesday from 9-10 AM. January 13 - Data Import, January 20 - SIMS, January 27 - MoH
- In the last meeting there was an interest in understanding what resources are available for planning data exchange.
- This call will be an orientation for those who are not familiar with the resources and how we want to move forward with the documentation.
- Overview of existing resources
  - DATIM – <https://datim.zendesk.com>
    - Includes a number of resources organized around various topics.
    - Helpdesk (<https://datim.zendesk.com>) resources are available publically except for the data import documents and helpdesk agent resources.
    - To access data import resources - a login for DATIM will be needed.
    - Data import reference guide is being updated and will soon be shared publically.
    - To access helpdesk agent specific resources, agent user account in DATIM is required.
    - Helpdesk includes resources related to:
      - Frequently Asked Questions
      - What's New in DATIM shared through webinars and DATIM release notes
      - PEPFAR Guidance on COP, MER and SIMS
      - User Manuals, Tutorials and Tips
      - Training Resources

- Administrator and Data Import Resources
- DHIS2 Users and Developers Documentation - <https://www.dhis2.org/documentation>
  - DHIS2 Developers Guide - Very technical. Versioned.
  - GitHub Repository includes examples of ADX and how it can be used to import data into DHIS2.
  - Not specifically related to DATIM but is on the software that DATIM is built upon.
- Open Health Information Exchange - <https://ohie.org/datim>
  - Will give an insight into what is being built for DATIM on data exchange.
  - OpenHIE DATIM Exchange project specific documentation: <http://ohie.org/datim>:
    - Project charter
    - Software releases
    - Technical project management resources (calls, minutes, project plans, timelines)
    - Links to IHE references for standard profiles (ADX and CSD) used in DATIM exchange
    - Descriptions of data sharing "workflows" related to DATIM data exchange
    - OpenHIE DATIM source repo and the binary packages <https://wiki.ohie.org/display/resources/Packaging+Testing>
- Open Community Discussion
  - Possible future directions? Feedback needed here.
  - Manual examples in Excel
    - Most examples provided to date have been via code-centric forms of exchange.
    - In certain cases the wrangling of data in packages such as excel is occurring. Is this something we should support and highlight how these operations can be done manually?
    - Mark - if we document this, it might come across that we are supporting this as an import method.
    - It is critical to have everything being importing is reproducible and testable - which is not the case with excel.
    - It would be helpful to have a support structure for countries working with XML files
  - Other examples in programming languages such as Python, Node.JS, VB (others?)
  - Libraries to help with data
  - Important non-technical yet still critical path elements are missing in the resources/documentation:
    - Would like to see on onboarding document. (what is the process, what are prerequisites, for implementing? this must be documented, validated)
    - High level project planning document to get things done.
    - We need real case-studies and required level of effort documented - we may be able to document some of those elements through our work in J-berg (Jason)
  - Keep dialogue going on the mailing list.