

# OpenMRS-DHIS2-SDMX-HD Integration

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## Abstract

DHIS2 is an aggregate indicator system used along with OpenMRS in many countries. SDMX-HD is a standard specification for transmitting time series health data. DHIS2 uses a variant of SDMX-HD as a data exchange format. Other projects have integrated OpenMRS with DHIS2 but not in a user-specifiable manner. This project will involve creating 1 or 2 new renderers for the report module corresponding to the 2 formats and a user interface for mapping report output elements to the exchange format.

## Project Champions

[James K](#)

## Objectives

- Creating one or two new renderers for the report module corresponding to the two formats and a user interface for mapping report output elements to the exchange format.

## Extra Credit

## Resources

- [SDMX-HD Integration Module](#)
- [Reporting Module](#)
- <http://www.dhis2.org/>
- [SDMX-HD Parser Design](#)

## Project Plan

This is notional, it will need fleshing out and change over time. Applicants should make their own child page including their own version of this table.

Weeks	Activities	Deliverables
0-3	Investigate	Module skeleton, screen designs, output template
4-7	User Interface	User interface, xslt for dhis2
8-11	Report Integration	sdmx renderer
12	Document	Written and video documentation, final presentation