How do we build the pyramid? - Strategies for better metadata management

International Workshop on Country Data:
Sharing Best Practice in the Dissemination of National Development Indicators

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PCBS experience in the field of strategies for better metadata management

Inputs

- ✓Surveys
- ✓Censuses

- ❑International recommendations
- ❑ Best practices
- ❑ Principles of official statistics

Outputs

- ✓Statistical Data
- ✓Metadata

Main Objective

- Documentation
- Availability of data for all users
- Re-use of metadata

PCBS Experience

- Using Metadata Standards (DDI, DCMI)
- Metadata Guide
- Documentation Policy and Strategy
- Metadata Templates (English, Arabic)
- Dissemination Portal for Documented Surveys

Using Microdata Management Toolkit (ADP Program)

- The Microdata Management Toolkit developed by the World Bank Data Group for the International Household Survey Network (IHSN) is designed to:
- Address the technical issues facing data producers.
- Promote the adoption of standards for international microdata documentation, dissemination and preservation.

Toolkit Components

- Metadata Editor – Allows the user to add survey metadata and create the ddi.xml and as nestar study document, The Metadata Editor is used to document data in accordance with international standards.
- CD-ROM Builder – Allows the user to generate HTML output from the study that can be published on a CD or the internet for dissemination.
- NADA standalone-Stand alone search engine that allows the user to import the ddi.xml and search for variables and view metadata on the desktop
- NADA Server-Server search engine that allows the user to import the ddi.xml and search for variables and view metadata on the internet.

Metadata Editor

- Compile survey data and metadata with an easy to use interface
- Easy to import standards through the IHSN templates and start documenting immediately.
- Outputs file in NESSTAR format for browsing and accessing data
- Outputs file in XML format for data and metadata exchange using the DDI.

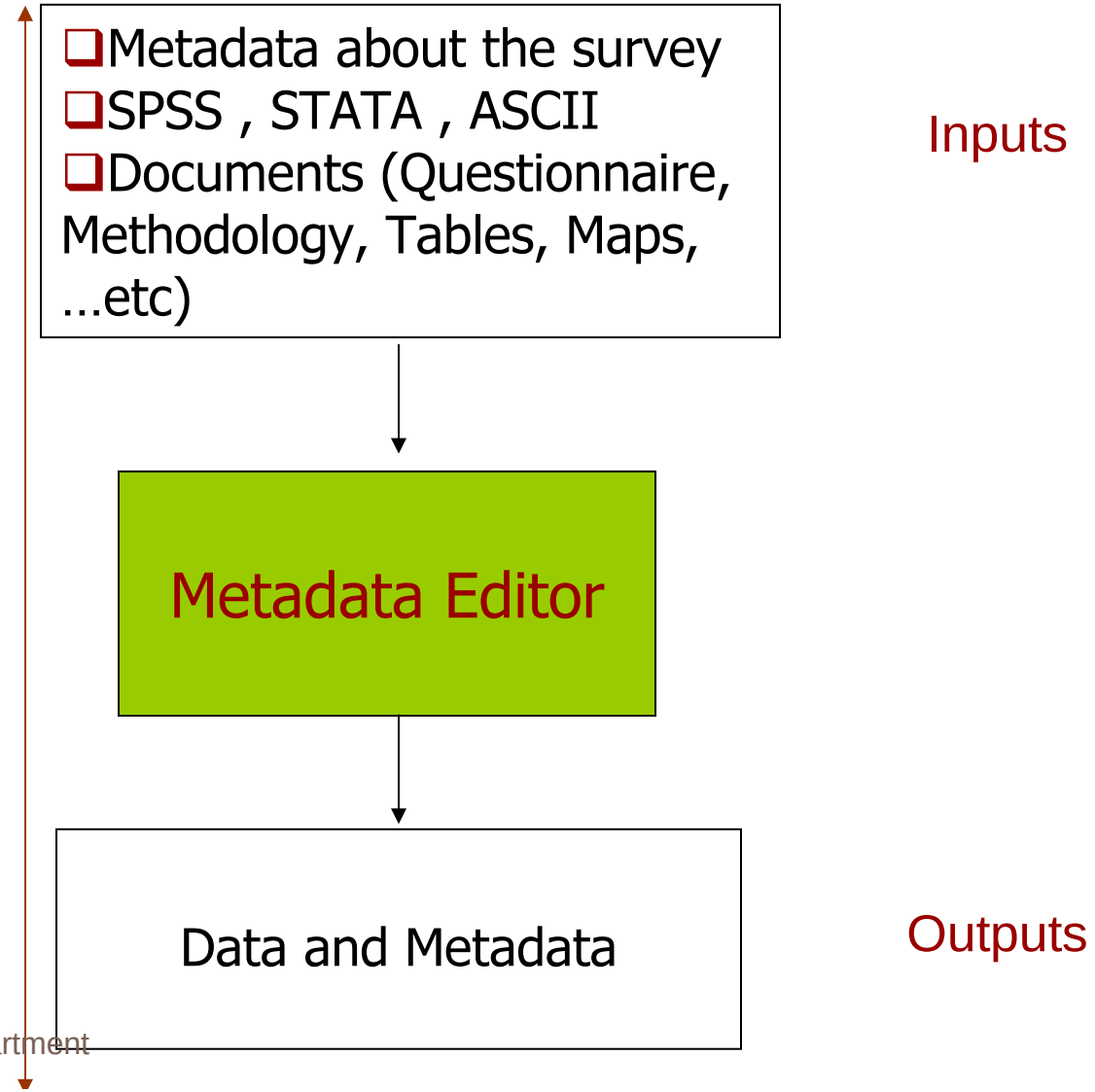
Easy to use!

Metadata Editor Inputs/Outputs

Metadata Editor Features

✓Full Metadata in an easy Interface

✓Build In Templates for documentation according to standards

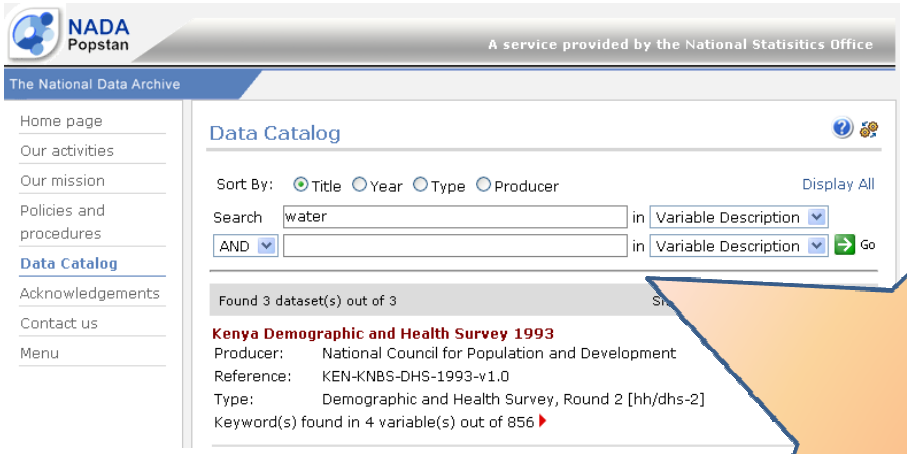


CD-ROM Builder

- Purpose is to publish survey metadata, documents and data on a CD-Rom (or web site)
- Transforms DDI into an HTML based interface
- User can customize the layout (branding) and content of the CD (single or multi-surveys)
- Open source application
- Based on DDI / Dublin Core
- Integrates with Metadata Editor

Easy to use!

NADA

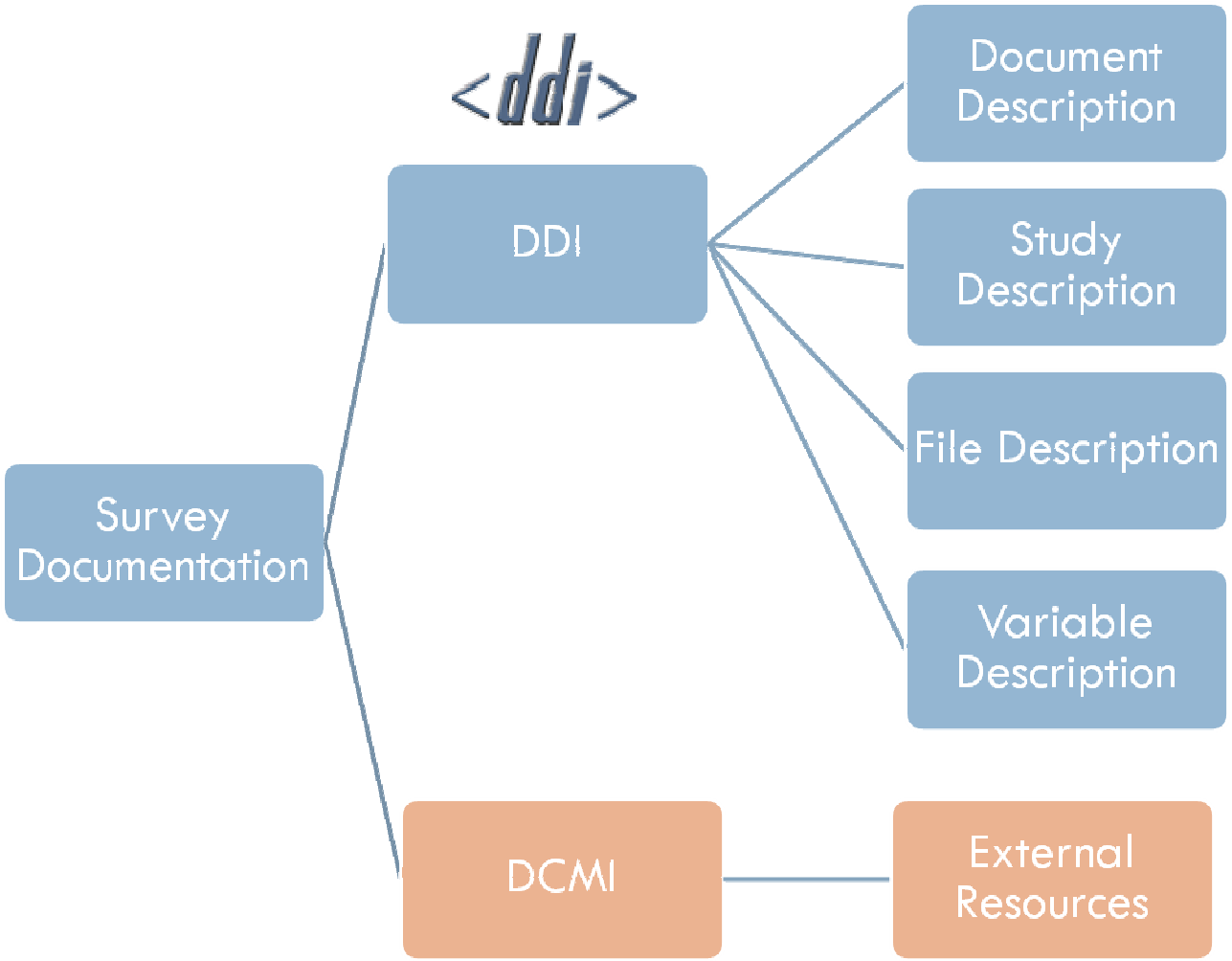


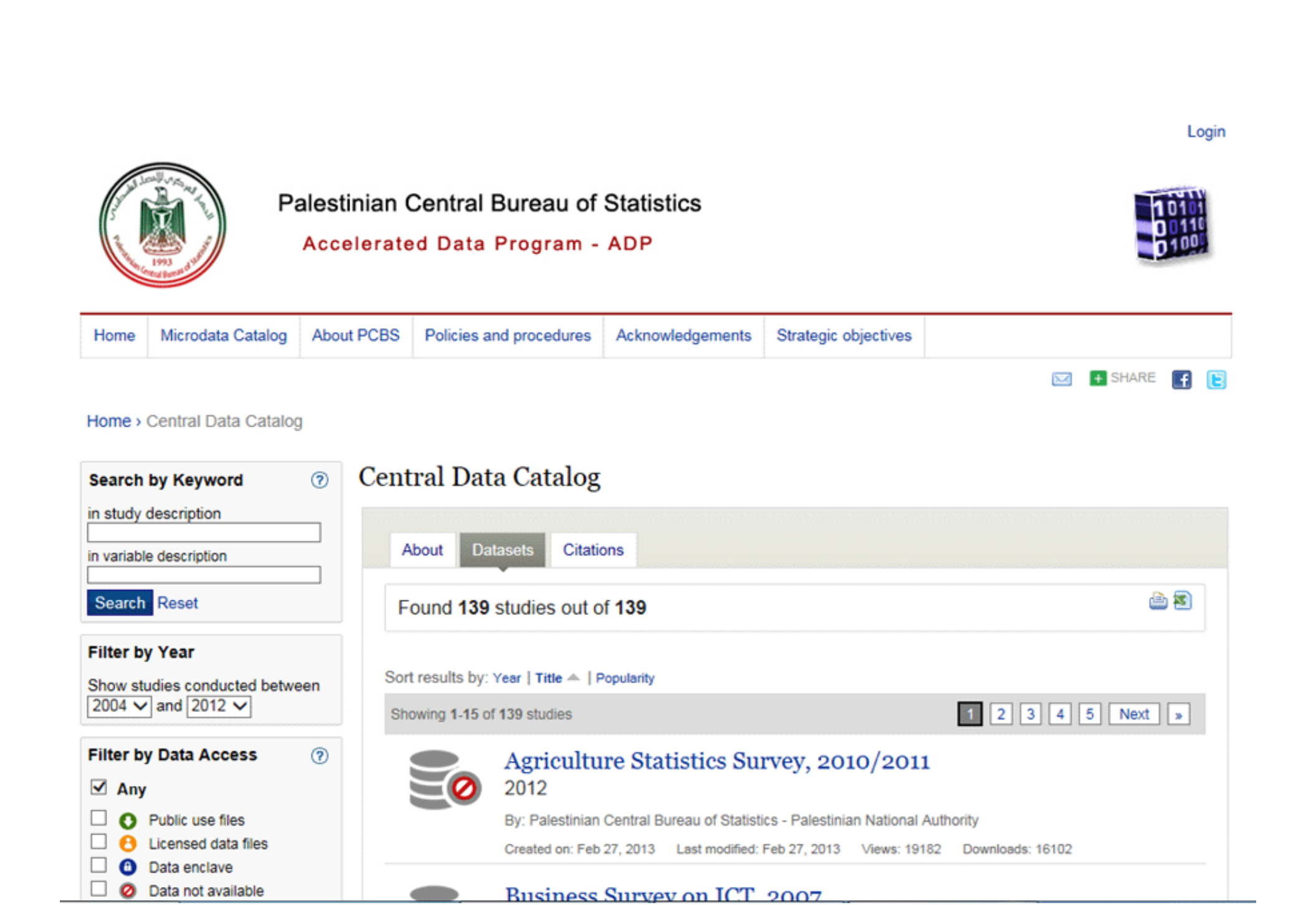
Purpose is to publish survey metadata, documents and data on or web site from DDI

- Transforms DDI into an HTML based interface
- User can search the surveys for specific variables
- Users can view documentation on the survey plus DDI
- Open source application

Easy to use!

DDI and DCMI Standards

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2012
Filter by Data Access
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Public use files
Licensed data files
Data enclave
Data not available
Central Data Catalog
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Datasets
Citations
Found 139 studies out of 139
Sort results by: Year | Title | Popularity
Showing 1-15 of 139 studies
1
2
3
4
5
Next
»
Agriculture Statistics Survey, 2010/2011
2012
By: Palestinian Central Bureau of Statistics - Palestinian National Authority
Created on: Feb 27, 2013
Last modified: Feb 27, 2013
Views: 19182
Downloads: 16102
Business Survey on ICT, 2007

General Trends and Challenges

- Metadata: provide metadata for all surveys and projects
- Indicators Database (DevInfo & SDMX) in addition to MDGs Indicators Database
- Tied Indicators Database with Metadata
- Harmonization: Harmonizing data and metadata from different sources (CountrySTAT, SDMX)
- Anonymization: Public use files, Data Access

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Thanks