

DEVELOPMENT OF THE EUROPEAN UNION FUNDAMENTAL RIGHTS INFORMATION SYSTEM

Inside the EFRIS application

17 October 2019, Vienna

Inside the EFRIS application

- Incoming information
- Information processing
- Information visualization
- Challenges

Incoming information

Automatic fetch from JSON end points (4 end points)

- Instrument: CoE Treaties
- Mechanism: UN Treaty Bodies
- Mechanism: Jurisprudence UN Treaty Bodies
- Mechanism: UN UPR

Manual import from excel files (3 end points)

- Instrument: UN treaties
- Mechanism: State Report Deadlines UN Treaties
- Mechanism: UN special Procedure

Information processing (1/4)

1. Records with multiple values for Country or Rights or SDG
 - ◆ Example When an incoming record contains
 - X values on field “Countries”,
 - Y values on field “RightCategories” and
 - Z values on field “Sdgs”.
 - ➔ For the visualizations:
 - This single record should be treated as X*Y records.
 - For each X,Y value combination, all Z values will be relevant.
 - ◆ Mechanism:
 - UN Treaty Bodies,
 - Jurisprudence UN Treaty Bodies,
 - UN UPR

Information processing (2/4)

2. Acceptance

- ◆ Accepted
 - [ratification date not null]
 - [ratification date not null AND Reservations Count = 0]
 - [ratification date not null AND Decelerations Count = 0]
- ◆ Accepted with Reservations
 - [ratification date not null AND Reservations Count > 0]
- ◆ Accepted with Declarations
 - [ratification date not null AND Decelerations Count > 0]
- ◆ Signed
 - [signature date not null AND ratification date null]
- ◆ Still Open
 - [signature date null AND ratification date null]

Information processing (3/4)

3. Status of Acceptance

- ◆ Ratified
- ◆ Accepted with Reservations
- ◆ Accepted with Declarations
- ◆ Signed
- ◆ Open

4. Year data extracted from date data

5. Identification of latest date or year

Information processing (4/4)

6. Indication of positive count

- ◆ Positive count of incoming data cases → replace with a tick sign indication

7. % of Accepted

- ◆ $[(UprPosition = Supported / (UprPosition = Noted OR Supported OR Supported/Noted))]$

8. EU Average:

- ◆ EU 28: Average of the 28 MS for the selected Rights, Reference period criteria

Information visualization (1/2)

The screenshot shows the EFRIS web application interface. At the top, there is a navigation bar with the FRA logo and the text "EU FUNDAMENTAL RIGHTS INFORMATION SYSTEM". Below this, a blue banner contains a brief description of the system. The main content area features two tabs: "COMMITMENTS" and "COMPLIANCE", with "COMPLIANCE" currently selected. A search filter section is visible, allowing users to search by "INSTRUMENT" or "RIGHTS AREAS". The "INSTRUMENT" filter is active, showing a dropdown menu with the option "- All instruments -". Other filters include "Country" (- All countries -), "Rights areas" (- All Rights areas -), "Sustainable Development Goal(s)" (- No Sustainable Development Goal(s) available -), and "Reference period" (- All years -). A "Search" button is located at the bottom right of the filter section. The footer of the page includes the copyright notice "Copyright © 2017 European Union Agency for Fundamental Rights" and links for "Accessibility", "Contact", and "Terms & conditions". The Windows taskbar at the bottom shows the system time as 8:47 PM on 16-Oct-19.

Information visualization (2/2)

- Total Visualizations (33)
 - ◆ Each visualization supports up to 3 different types
 - Graph
 - Table
 - Country Map
- Distribution of Types:
 - ◆ Graph (8)
 - Stacked bar chart (4)
 - Grouped bar chart (1)
 - Column bar chart (1)
 - Multi-line graph (2)
 - ◆ Table (33)
 - Heatmap (4)
 - Summary Table (29)
 - ◆ Country Map (9)

Challenges

- No common vocabularies
 - ◆ System perspective
 - ◆ End-users perspective
- No common integration point
 - ◆ 7 DBs and 6 end points integrated
- No common data structure
 - ◆ Homogenize content based on functionality

		External DBS	
GUI		CoE treaties	UN Special Procedures
Country	Option	field "Code_pays_ISO3"	field "Country"
	Austria	AUT	Austria
	Belgium	BEL	Belgium
Rights	Option	field "reference"	field "Mandate Name"
	Dignity	005 OR 164 OR 168 OR 186 OR 195	Special Rapporteur on extreme poverty and human rights OR Independent Expert on the question of human rights and extreme poverty
	Right to the integrity of the person	164 OR 168 OR 186 OR 195 OR 203	Working Group on the use of mercenaries as a means of violating human rights and impeding the exercise of the right of peoples to self-determination
SDG	Option	N/A	N/A
	1. Poverty	N/A	N/A
	7. Energy	N/A	N/A
Reference Period	Option / Drop-down select OR Callendar values	countries.ratification countries.signature	Document date Visit start Date
Specific URL	Modal window	reference	View Document
Specific URL Title		reference	Symbol

Any questions

