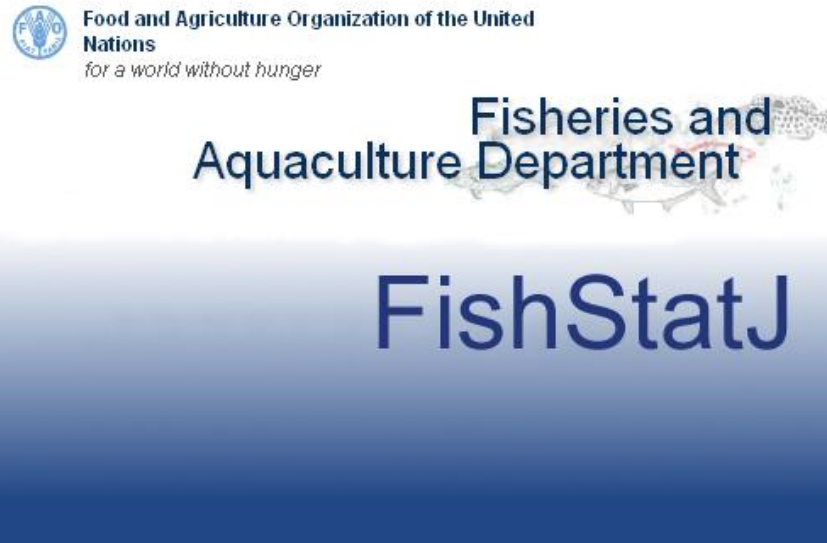




FishStatJ

Workspaces definition console

Do you know FishStatJ ?



- *A standalone* tool for the dissemination and manipulation of statistics.
- Multiple users worldwide (more than 50 users have had contact for questions related to FishStatJ) .
- *Really* free and compatible with all desktop platforms used worldwide.

WDC... what is this stuff ?

Workspaces Definition Console

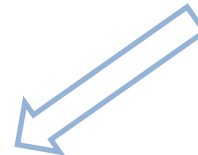
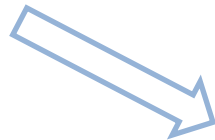
- WDC stands for *Workspace Definition Console*
- A complementary tool to FishStatJ created for those who want to disseminate their statistics
- Utilized in FAO to disseminate and update statistics published in FishStatJ
- Same characteristics of FishStatJ: standalone, multi-platform, and so on

What does it do ?

- Creation of a new FishStatJ workspace from scratch.
- Creation of new concepts and their relationships in the Workspace.
- Filling of concepts with reference objects from diversified sources.
- Definition of datasets with a known structure.
- Populating of datasets importing data from diversified sources.
- Refinement and correction of all information through a user interface.
- Information integration with other objects (images, PDFs, txt and so on).

How does it do it ? (II)

... and subsequently populated through connections with different types of heterogeneous sources or, more directly, through simple .csv files.



Some screenshots... (I)

The screenshot displays the 'Country' concept editor in the FishStatJ Workspaces definition console. The interface is divided into several sections:

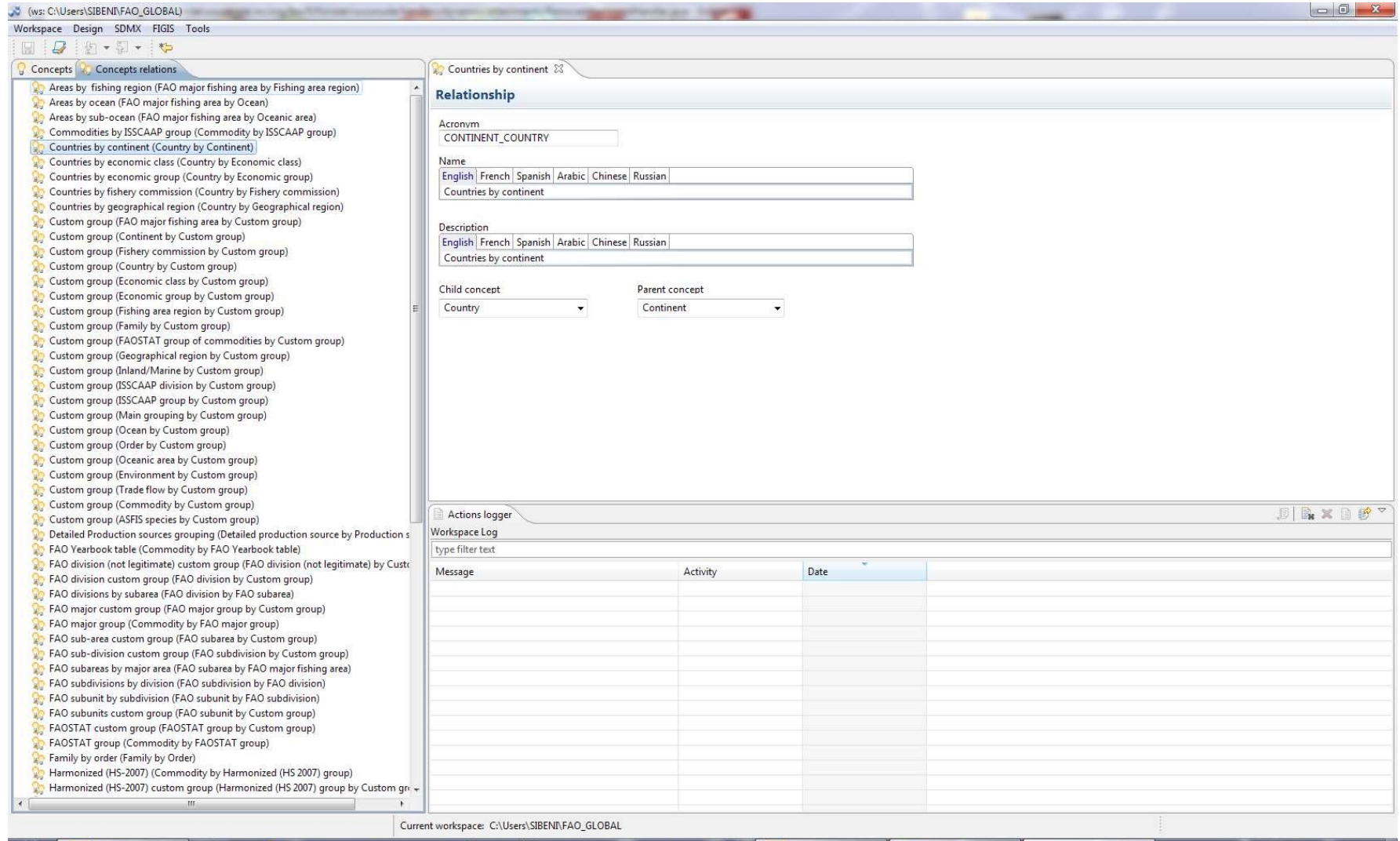
- Concepts:** A tree view on the left lists various concepts, with 'Country' selected.
- Concept editor:** The main area for editing the 'Country' concept.
 - Acronym:** A text field containing 'COUNTRY'.
 - Name:** A multi-language text field with 'Country' entered in the English tab.
 - Description:** A multi-language text field with 'Country or territory for the reporting and dissemination of FAO global and regional fishery and aquaculture statistics' entered in the English tab.
 - Attributes:** A section for defining attributes, including a 'New attribute...' button and a list of attribute types: ID, FID, UN_CODE, ISO_2_CODE, ISO_3_CODE, NAME, and OFFICIAL_NAME.
 - Identifier:** A sub-section for defining the identifier.
 - Acronym:** A text field containing 'ID'.
 - Name:** A multi-language text field with 'Identifier' entered in the English tab.
 - Description:** A multi-language text field with 'Identifier' entered in the English tab.
 - Scale:** A numeric field set to '0'.
 - Size:** A numeric field set to '20'.
 - Type:** A dropdown menu set to 'STRING'.
 - code attribute:** A checked checkbox.
 - default name:** An unchecked checkbox.
- Actions logger:** A section at the bottom showing the 'Workspace Log' with a table of activities.

Message	Activity	Date
Welcome to FishStatJ Data definition console!	FishStatJ-WDC	05/02/2013 17:05

Current workspace: C:\Users\SIBENT\FAO_GLOBAL

Concepts editor (*country*).

Some screenshots... (II)



Concepts relationship editor.

Some screenshots... (III)

(ws: C:\Users\SIBEN\FAO_GLOBAL)

Workspace Design SDMX FIGIS Tools

References References relations

Reference Objects list editor

Identifier	Internal ide...	UN code	ISO2 code	ISO3 code	Name - en	Name - fr	Name - es	Name - ar	Name - zh	Ne
00000001	1	051	AM	ARM	Armenia	Arménie	Armenia			
00000002	2	004	AF	AFG	Afghanistan	Afghanistan	Afganistán			
00000003	3	008	AL	ALB	Albania	Albanie	Albania			
00000004	4	012	DZ	DZA	Algeria	Algérie	Argelia			
00000005	5	016	AS	ASM	American Samoa	Samoa américaines	Samoa Americana			
00000006	6	020	AD	AND	Andorra	Andorre	Andorra			
00000007	7	024	AO	AGO	Angola	Angola	Angola			
00000008	8	028	AG	ATG	Antigua and Barbuda	Antigua-et-Barbuda	Antigua y Barbuda			
00000009	9	032	AR	ARG	Argentina	Argentine	Argentina			
00000010	10	036	AU	AUS	Australia	Australie	Australia			
00000011	11	040	AT	AUT	Austria	Autriche	Austria			
00000012	12	044	BS	BHS	Bahamas	Bahamas	Bahamas			
00000013	13	048	BH	BHR	Bahrain	Bahreïn	Bahreïn			
00000014	14	052	BB	BRB	Barbados	Barbade	Barbados			
00000015	15	058			Belgium-Luxembourg	Belgique-Luxembourg	Belgica-Luxemburgo			
00000016	16	050	BD	BGD	Bangladesh	Bangladesh	Bangladesh			
00000017	17	060	BM	BMU	Bermuda	Bermudes	Bermudas			
00000018	18	064	BT	BTN	Bhutan	Bhoutan	Bhután			
00000019	19	068	BO	BOL	Bolivia (Plurinat.State)	Bolivie (État plurinat.)	Bolivia (Estado Plurin.)			
00000020	20	072	BW	BWA	Botswana	Botswana	Botswana			
00000021	21	076	BR	BRA	Brazil	Brésil	Brasil			
00000022	22	533	AW	ABW	Aruba	Aruba	Aruba			
00000023	23	084	BZ	BLZ	Belize	Belize	Belice			
00000024	24	086	IO	IOT	British Indian Ocean Ter	Terr. brit. Océan Indien	Ter. Brit. Océano Índico			
00000025	25	090	SB	SLB	Solomon Islands	Îles Salomon	Islas Salomón			
00000026	26	096	BN	BRN	Brunei Darussalam	Brunéï Darussalam	Brunei Darussalam			
00000027	27	100	BG	BGR	Bulgaria	Bulgarie	Bulgaria			
00000028	28	104	MM	MMR	Myanmar	Myanmar	Myanmar			
00000029	29	108	BI	BDI	Burundi	Burundi	Burundi			
00000030	30	010	AQ	ATA	Antarctica others	Antarctique autres	Antartida otros			
00000031	31	074	BV	BVT	Bouvet Island	Île Bouvet	Isla Bouvet			
00000032	32	120	CM	CMR	Cameroon	Cameroun	Camerún			

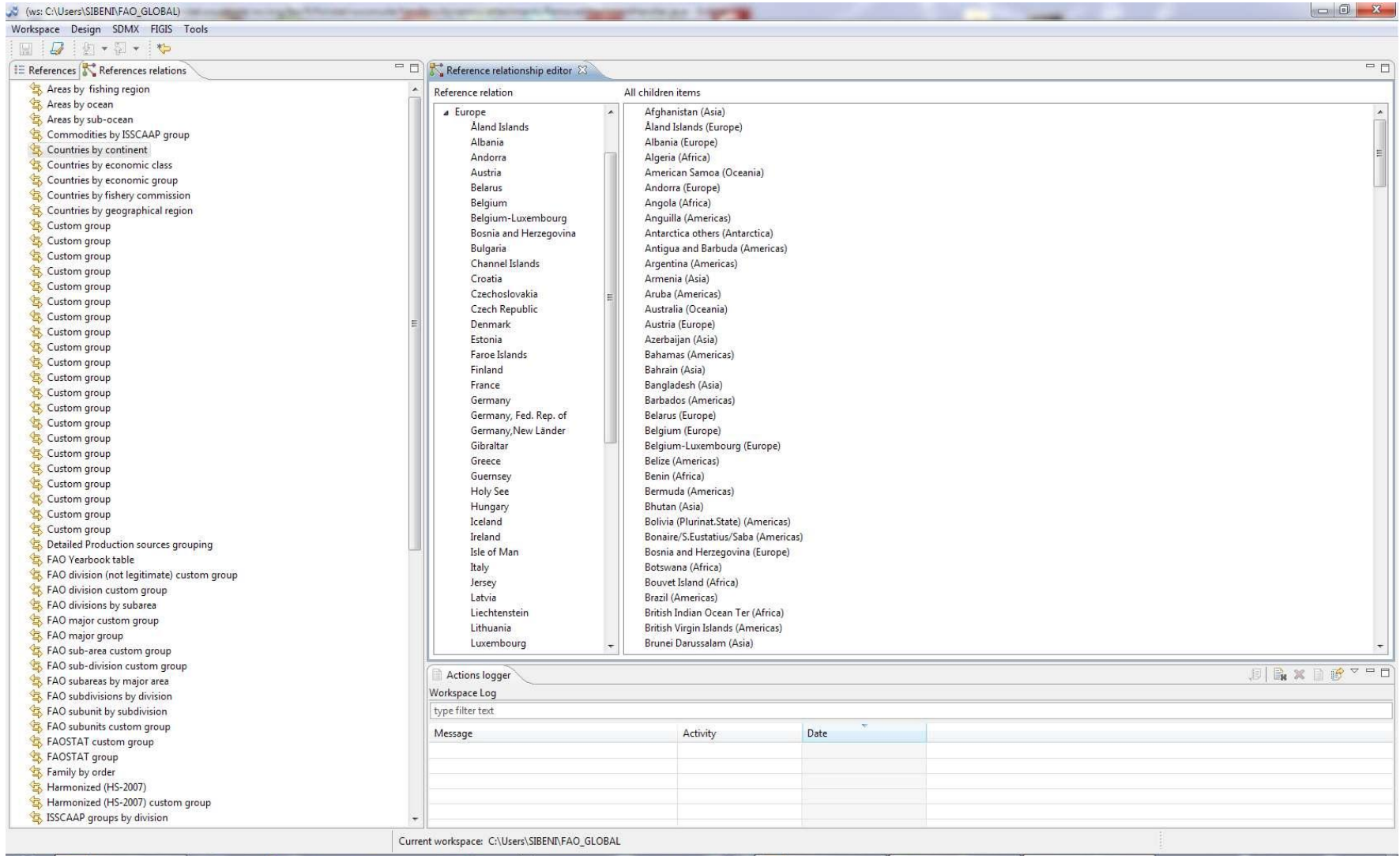
Actions logger
 Workspace Log

Message	Activity	Date

Current workspace: C:\Users\SIBEN\FAO_GLOBAL

References item editor (country again...)

Some screenshots... (IV)



Reference objects relationship editor.

Some screenshots... (V)

The screenshot shows the 'Dataset attachment editor' window. On the left, there is a tree view of attachments including 'Global aquaculture production' and 'Aquaculture - Area of competence'. The main area is a form for a new attachment with the following fields:

- Acronym:** AQ_COMPETENCE_MAP
- Attachment type:** Bitmap image
- Attachment file(s):** aquaq.bmp
- Attachment name:** Aquaculture - Area of competence
- Attachment description:** Aquaculture - Area of competence

An 'Attachment file selection' dialog box is open, showing the file 'aquaq.bmp' selected in the 'Sibeni, Fabrizio (FIPS)' folder. The dialog also shows a list of other files and folders in the workspace.

At the bottom, there is an 'Actions logger' section with a 'Workspace Log' table. The table has columns for 'Message', 'Activity', and 'Date', and is currently empty.

The status bar at the bottom indicates the current workspace path: C:\Users\SIBENI\FAO_GLOBAL

Dataset attachments editor

Is there something else?

The **SDMX** plugin is a console add-on. It will allow to import from an SDMX repository the content of the time series, assuming for the moment to have already the necessary reference objects in the database.

The screenshot displays the FishStatJ console interface. On the left, an XML file named 'gfcml.xml' is open, showing the following content:

```

<?xml version="1.0" encoding="UTF-8"?>
<fishstatj-sdmx>
  <name xml:lang="en">General Fisheries Commission for the Mediterranean (GFCM)</name>
  <name xml:lang="fr">General Fisheries Commission for the Mediterranean (GFCM)</name>
  <name xml:lang="es">General Fisheries Commission for the Mediterranean (GFCM)</name>
  <name xml:lang="ar"/>
  <name xml:lang="ru"/>
  <name xml:lang="zh"/>
  <description xml:lang="en">The GFCM's objectives are to promote the development, conservation, rational management and best utilization of living marine resources
  <description xml:lang="fr">The GFCM's objectives are to promote the development, conservation, rational management and best utilization of living marine resources
  <description xml:lang="es">The GFCM's objectives are to promote the development, conservation, rational management and best utilization of living marine resources
  <description xml:lang="ar"/>
  <description xml:lang="ru"/>
  <description xml:lang="zh"/>
  <verbose-documentation>http://km.fao.org/FIGISwiki/index.php/SEIF</verbose-documentation>
  <sdmx-dataset>http://www.fao.org/figis/sdmx/repository/data/GFCM_CAPTURE/all/FAO?startPeriod=2005&endPeriod=2006</sdmx-dataset>
  <sdmx-datastructure>http://www.fao.org/figis/sdmx/registry/datastructure/FAO/REGIONAL_CAPTURE_DATASTRUCTURE/0.1</sdmx-datastructure>
  <sdmx-codelist id="CL_UN_COUNTRY" url="http://www.fao.org/figis/sdmx/registry/codelist/FAO/CL_UN_COUNTRY/0.1">
    <fsj-map concept="COUNTRY" attribute="UN_CODE"/>
  </sdmx-codelist>
  <sdmx-codelist id="CL_SPECIES" url="http://www.fao.org/figis/sdmx/registry/codelist/FAO/CL_SPECIES/1.0">
    <fsj-map concept="SPECIES" attribute="3-ALPHA"/>
  </sdmx-codelist>
  <sdmx-codelist id="CL_DIVISION" url="http://www.fao.org/figis/sdmx/registry/codelist/FAO/CL_DIVISION/0.1">
    <fsj-map concept="SUB_DIVISION" attribute="CODE"/>
  </sdmx-codelist>
</fishstatj-sdmx>
    
```

On the right, the 'gfcml.xml descriptor editor' is shown, providing a user interface for defining the metadata:

- Name:** English | French | Spanish | Arabic | Chinese | Russian. Value: General Fisheries Commission for the Mediterranean (GFCM)
- Description:** English | French | Spanish | Arabic | Chinese | Russian. Value: The GFCM's objectives are to promote the development, conservation, rational management and best utilization of living marine resources, as well as the sustainable development of aquaculture in the Mediterranean, Black Sea and connecting waters.
- Verbose documentation:** http://km.fao.org/FIGISwiki/index.php/SEIF
- SDMX dataset:** http://www.fao.org/figis/sdmx/repository/data/GFCM_CAPTURE/all/FAO?startPeriod=2005&endPeriod=2006
- SDMX datastructure:** http://www.fao.org/figis/sdmx/registry/datastructure/FAO/REGIONAL_CAPTURE_DATASTRUCTURE/0.1

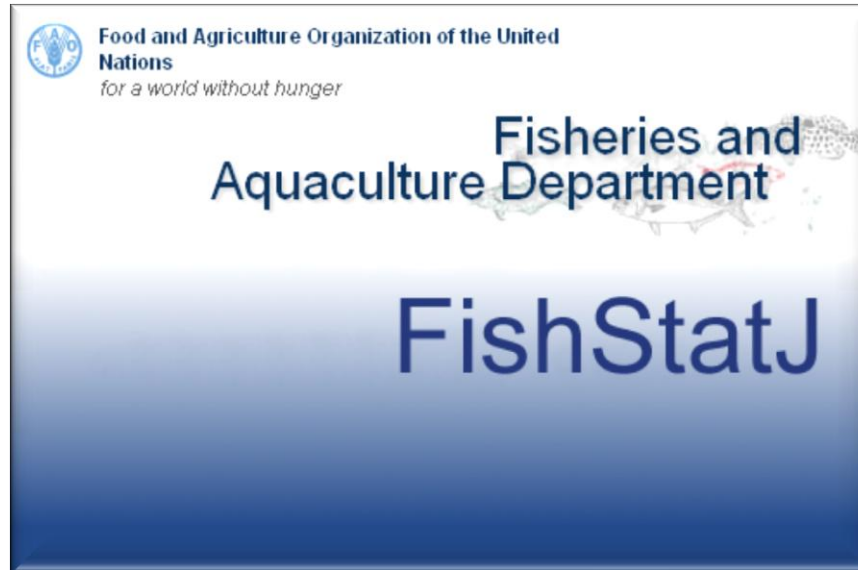
Below the descriptor editor, there is a 'New Form' section with the following fields:

- Codelist identifier:** CL_UN_COUNTRY
- Url:** http://www.fao.org/figis/sdmx/registry/codelist/FAO/CL_UN_COUNTRY/0.1
- Concept:** COUNTRY
- Attribute:** UN_CODE

Conclusions...

The Workspace Definition Console has been developed in order to enable the FAO statistical workers to disseminate the data of fishery statistics in an easy and straightforward way, through the publication of workspaces. Now this application is ready, and is currently on a intensive phase of testing, after which the console will be accessible on the website and downloadable by anyone who wants to disseminate their statistical data using FishStatJ.

Thank you for your attention...



The FishStatJ team