

FDI

upload facility quick guide

(last update: 1 June 2018)

ACCOUNT NAME AND PASSWORD:

The access to the upload facility is protected. Only users with an 'account name' and 'password' can gain access. In order to obtain access rights please contact your National Correspondent. The list of National Correspondents can be found here:

<https://datacollection.jrc.ec.europa.eu/national-correspondent>

For any other issue you need to submit a request by sending an e-mail to the following address:

JRC-DATASUBMISSION@ec.europa.eu

The JRC New-FDI data upload portlet and file transmission have been implemented as outlined below. The primary change is the implementation of a file naming convention and the implementation of a standard of one table, one file to streamline the transmission procedure and avoid upload of hundreds of files with subsets of years and areas.

FILE NAMING CONVENTION:

The naming convention for files to be fed to the FDI upload facility is of the form **COUNTRYCODE_TABLE.EXTENSION** where

- EXTENSION:
must be **"CSV"** either all uppercase or lowercase

- COUNTRYCODE:

must be, in line with Appendix 1:

BEL
BGR
HRV
CYP
DNK
EST
FIN
FRA
DEU
GRC
IRL
ITA
LVA
MLT
LTU
NLD
POL
PRT
ROU
SVN
ESP
SWE
GBR*

* GBR is used both to login and to mark the country in the file name.
Within the file itself the country code needs to be as specified in the data call official document, Appendix 1, i.e.

United Kingdom (England and Wales)	ENG
United Kingdom (Alderny/Sark/Herm)	GBC
United Kingdom (Guernsey)	GBG
United Kingdom (Jersey)	GBJ
United Kingdom (Isle of Man)	IOM
United Kingdom (Northern Ireland)	NIR
United Kingdom (Scotland)	SCO

- TABLE:

must be one of tables listed in Annex 1:

TABLE_A_CATCH

TABLE_B_REFUSAL_RATE

TABLE_C_UNWANTED_CATCH_AT_AGE

TABLE_D_UNWANTED_CATCH_AT_LENGTH

TABLE_E_LANDINGS_AT_AGE

TABLE_F_LANDINGS_AT_LENGTH

TABLE_G_EFFORT

TABLE_H_SPATIAL_LANDINGS

TABLE_I_SPATIAL_EFFORT

TABLE_J_CAPACITY

Examples

➔ Valid file names :

ITA_TABLE_A_CATCH.csv

BEL_Table_J_CAPACITY.CSV

➔ Invalid file names:

ITA_TABLE_A_CATCH_2015.csv

POL_SPATIAL_EFFORT_.csv

FILE FORMAT

The file format chosen is Comma Separated Value (CSV) and follows the definition as specified in IETF RFC 4180 publicly available at <https://tools.ietf.org/html/rfc4180>.

This choice was made in order to minimize the amount of extra data uploaded by the national correspondents by removing as much as possible the unnecessary data overhead provided by complex standards such as Excel Binary Format (XLS) or Open XML SpreadsheetML File Format (XLSX) thus to speed up the upload process. In order to facilitate the migration from the previous file format (XLS/XLSX), the following convention applies¹:

1. Headers are mandatory
2. The decimal separator is "." (dot)
3. The column separator is "," (comma)
4. Columns can be surrounded by "" (quotation marks)
5. If a column contains a comma in its content then it must be surrounded by "" (quotation marks)

This is easily managed by the national correspondents by using the excel "Save as" functionality and selecting "csv" in case the data are stored in Excel or with export functions to .csv from databases.

Note: If data is deleted from cells in an EXCEL table, but the row (or column) is not deleted, on export to csv format the file will be filled with NULLS. This is especially a problem if data is deleted such that a final row (or column) contains no data because in this case there is nothing visible to show the row/column still exists in EXCEL.

It is recommended that if a csv file has been created by exporting from an EXCEL file, to open the file in a text editor and check for commas in a row or rows after the data. Also check for extra commas at the end of rows.

UPLOAD MODE.

Upon upload of a file, quality checks are applied on each file. If the validation is successful, the application removes all the previous entered values in the table for the country represented by the national correspondent and the year that it finds in the uploaded file; it then loads the new values. This means that the National Correspondents will have to upload the full data for any given year each time they try to add/remove/edit any value for that year. The validation of a file is delivered in near-real time: upon file upload the user is

¹ SEE section 2 of RFC 4180

not requested to wait for the process to complete before being able to upload another file. The national correspondent is able to monitor the status of the uploads in the monitor tab (see User Interface) and inspect the uploaded file and the error messages.

DV TOOL FACILITY.

In order to support the data submitter, a DV (Data Validation) tool has been provided. The tool is aimed at validating the file in order for the user to be able to submit data that is already validated thus reducing the time and effort required for final data submission.

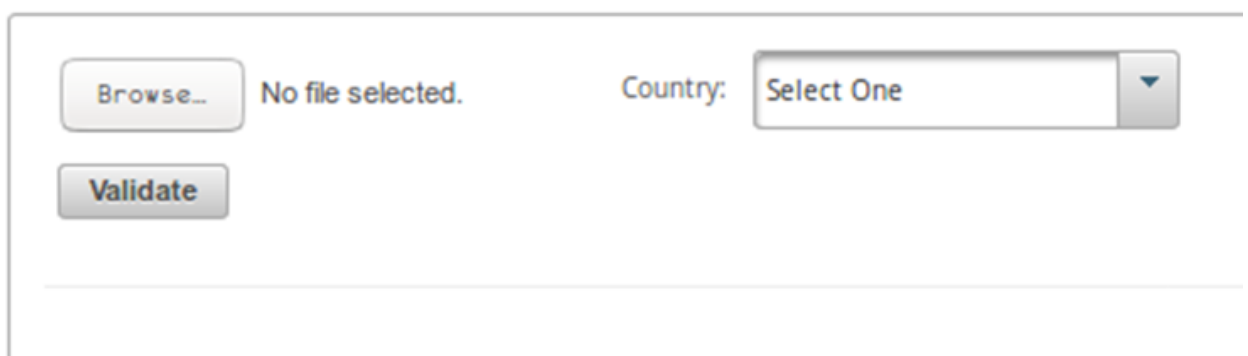
User Interface

The user interface has been written with simplicity in mind.

First of all, the tool does not need a login and is in no way writing data to the database; it allows data compilers to validate files when they are not national correspondents and do not possess the upload facility login credentials.

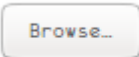
The user is presented with a form in which he/she selects the file to validate and the country he/she wishes to validate for. Then, upon submitting the file, a real time validation is performed and a result is presented to the end user. In case the file cannot be validated, an error report (in the same format as the one provided by the actual upload facility) is provided for the user to download.

Overview

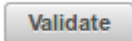


The image shows a user interface form for a Data Validation (DV) tool. The form is enclosed in a light gray border. It contains the following elements: a 'Browse...' button, the text 'No file selected.', a 'Country:' label, a dropdown menu with 'Select One' and a downward arrow, and a 'Validate' button. Below these elements is a horizontal line.

The user interface contains two buttons and a dropdown box.

-  No file selected. : This button opens the usual file selection interface of the computer. The user selects the file that needs to be validated.

Country:

- The dropdown menu contains the list of all the valid countries. This is used to simulate a login.
-  The validate button submits the file to the server and starts the validation of the file

In the case the file validates successfully the following message is displayed :

The file validated successfully

In the case the file does not validate the following message is presented:

 the file you are testing contains errors, please click here to download the list of errors

By clicking on the message the browser will download the error report that has the exact same format as the actual Upload Facility

UPLOAD FACILITY.

An upload facility is provided. The facility permits the upload and check of the data that the user wishes to provide to JRC before storing onto the database.

User Interface

the user interface has been re-written to support modern features such as multiple file upload, asynchronous updates etc.







The Upload facility is composed of two main tabs :

- overview
- upload



The first tab contains the list of all the upload attempts, regardless of the status, made by the national correspondent and gives access to the actual file that was uploaded, the status of the upload and, eventually, the list of the validation errors.

The second tab contains the user interface that is needed to actually upload the data. The user has the possibility to upload up to 10 files simultaneously and can 'Drag & Drop' the files directly into the interface and upload in batch.

Overview

test user				
overview upload				
Upload Date	Uploaded File		Uploaded By	Status
04/09/2017 09:44	FRA_TABLE_I_SPATIAL_EFFORT.csv		rambaldo.melandri@fi.it	PROGRESS
04/09/2017 09:44	FRA_TABLE_J_CAPACITY.csv		rambaldo.melandri@fi.it	PROGRESS
04/09/2017 09:44	FRA_TABLE_H_SPATIAL_LANDINGS.csv		rambaldo.melandri@fi.it	SUCCESS
04/09/2017 09:44	FRA_TABLE_G_EFFORT.csv		rambaldo.melandri@fi.it	SUCCESS
04/09/2017 09:44	FRA_TABLE_B_CATCH_AT_LENGTH.csv		rambaldo.melandri@fi.it	FAIL
04/09/2017 09:44	FRA_TABLE_D_DISCARDS_AT_LENGTH.csv		rambaldo.melandri@fi.it	FAIL

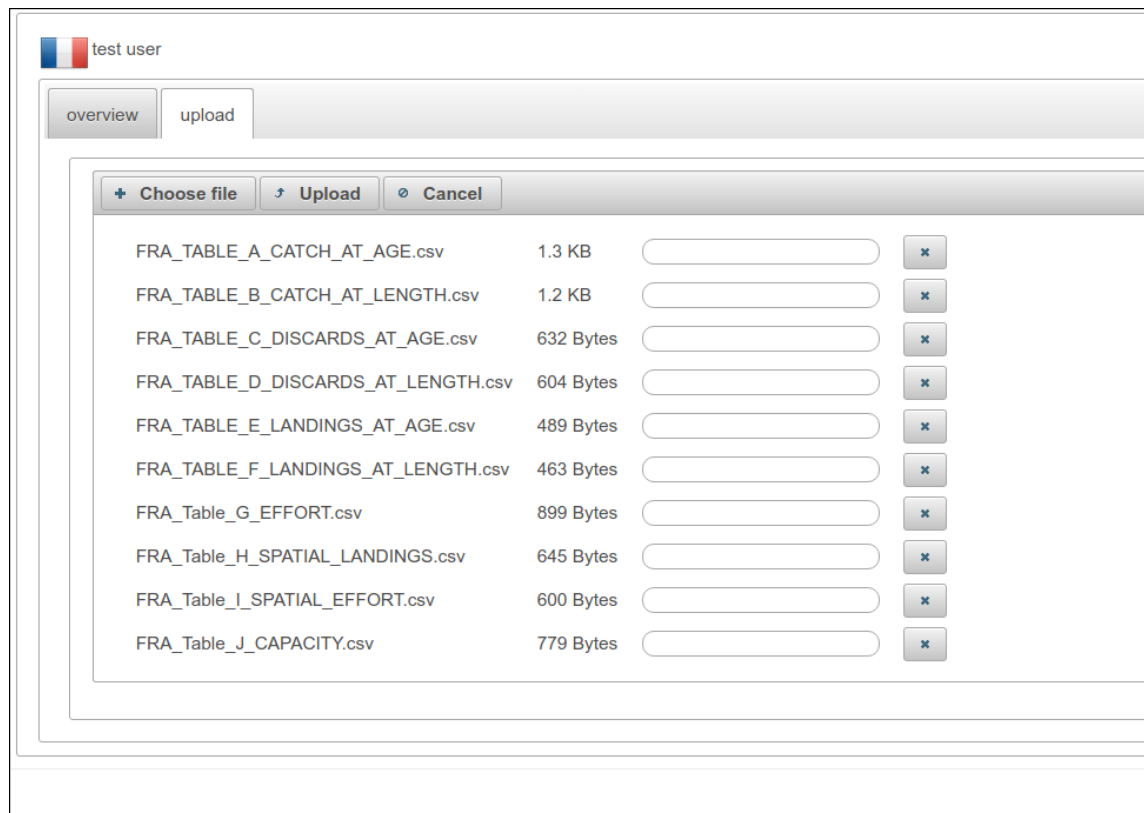
This table contains the log of the activities performed by the national correspondent and gives access to

- the file uploaded (second column) by clicking on the icon 
- the status of the upload : it can be any of the following :
 - in progress : is identified by the label "PROGRESS" and has a spinning wheel icon
 - uploaded successfully: is identified by the label "SUCCESS" and has no icon
 - upload failed due to errors : is identified by the label "ERROR" and has the icon . By clicking on that icon the error file can be downloaded and inspected.

Note on error messages: If codes entered for an individual column are rejected by the upload facility, the rows affected may also receive an error message related to duplicate rows. This is because the upload facility regards the 'failed' code as if it were a NULL. This can lead to rows that were already identical except for one column, (e.g. mesh size range), being treated as duplicates if the one column has an error and the entries in that column are both treated as NULL.

It is recommended to ignore duplicate row error messages unless there are no error messages connected with individual codes.

Upload



The screenshot shows a web interface for a user named 'test user'. It has two tabs: 'overview' and 'upload'. The 'upload' tab is active, displaying a file upload interface. At the top of the upload section are three buttons: '+ Choose file', 'Upload', and 'Cancel'. Below these is a list of ten CSV files, each with its name, size, a text input field, and a delete button (X).

File Name	Size	Input Field	Delete (X)
FRA_TABLE_A_CATCH_AT_AGE.csv	1.3 KB	<input type="text"/>	X
FRA_TABLE_B_CATCH_AT_LENGTH.csv	1.2 KB	<input type="text"/>	X
FRA_TABLE_C_DISCARDS_AT_AGE.csv	632 Bytes	<input type="text"/>	X
FRA_TABLE_D_DISCARDS_AT_LENGTH.csv	604 Bytes	<input type="text"/>	X
FRA_TABLE_E_LANDINGS_AT_AGE.csv	489 Bytes	<input type="text"/>	X
FRA_TABLE_F_LANDINGS_AT_LENGTH.csv	463 Bytes	<input type="text"/>	X
FRA_Table_G Effort.csv	899 Bytes	<input type="text"/>	X
FRA_Table_H_SPATIAL_LANDINGS.csv	645 Bytes	<input type="text"/>	X
FRA_Table_I_SPATIAL_EFFORT.csv	600 Bytes	<input type="text"/>	X
FRA_Table_J_CAPACITY.csv	779 Bytes	<input type="text"/>	X

This tab contains the interface to upload the data; it implements the 'Drag and Drop' gestures: this means that, in order to upload the data, the national correspondent can either click on the "Choose file" button or simply drag the file into the white area.

Once one or more files are selected for upload the following actions can be performed:

- click "choose file" in order to add a file to the list of the files to be validated and uploaded
- drag a file in the list to achieve the same as above
- click on "cancel" button in order to empty the list of files
- click on "upload" to validate and upload the list of files displayed
- click on the "X" button on the right side of each entry to remove the single file.