EDIT
Tourism Statistics
Aggregated Data Validation
User Manual

Date: 23/02/2015
Version: 1.0
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1 Introduction

1.1 Purpose of the Document
The purpose of this document is to provide the guidelines for using the the EDIT 2013 application on the Tourism Statistics domain (aggregated-data).

1.2 Scope of the Document
This document provides the users with a complete description of the functionality available in the EDIT 2013 – TOURISM AGGREGATED application.

1.3 Abbreviations and Acronyms

<table>
<thead>
<tr>
<th>Terms/Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
<td>A collection of fields that define the structure of a Dataset</td>
</tr>
<tr>
<td>Dataset</td>
<td>A collection of data rows defined in accordance with a Dataset Format</td>
</tr>
<tr>
<td>Field, value, cell, entry</td>
<td>In the context of a dataset as a bidimensional table - a field (cell, value, entry) is a data item at an intersection of a horizontal row (record) and a vertical column.</td>
</tr>
<tr>
<td>Record, row Column</td>
<td></td>
</tr>
<tr>
<td>Program</td>
<td>A set of execution steps meant to process input data</td>
</tr>
<tr>
<td>Dataset Reference</td>
<td>A reference to a dataset definition to be used inside a program</td>
</tr>
<tr>
<td>Job</td>
<td>An instantiation of a program to be executed on a particular set of dataset instances</td>
</tr>
<tr>
<td>EDIT</td>
<td>EDIT Data Editing and Validation System</td>
</tr>
<tr>
<td>TOUR_aggr</td>
<td>Tourism Statistics domain (aggregated data)</td>
</tr>
</tbody>
</table>
2 EDIT 2013 - Validation and Overview

EDIT 2013 is a generic data validation and editing system developed by Eurostat.

The last stage of data processing, just prior to tabulation and data retrieval, usually involves some form of validation:

A. The checking of _each fields_ of every record to ascertain whether it contains a valid entry.

B. The checking of entries in certain predetermined _combinations of fields_ to ascertain whether the entries are consistent with one another.

C. The checking of entries in certain predetermined _combinations of records_ to ascertain whether the entries are consistent with one another.

Checking type A, a **Field Level Rule**, may involve determining whether an entry of any field is an invalid blank (for some fields blank entries may be valid), or whether the recorded entries are among a set of valid codes for the field. For example, production is not negative; quantity in tons for a given industry should be less than 75,000 tons.

While a rule of type A originates directly from the data structure, a rule of type B, a **Horizontal Validation Rule**, is usually specified on the basis of extensive knowledge of the subject matter of data. Conceptually, a rule of type B are usually specifies in one form or another a set of values for specific combinations of fields which are jointly acceptable (or, equivalently, sets of values which are jointly unacceptable). For example, the input of patent fuel plants of a given fuel type in common units must be larger than its own output (reported in the same record), it means that the efficiency of such patent fuel plant cannot be more than 100%.

Finally, a rule of type C, a **Vertical Validation Rule**, involves a data integrity check for entries across a collection of related records. For example, the total number of imports for a given product is equal to the sum of imports from individual countries; the stock value in the beginning of month is equal to the closing stocks in the previous month.
3 Workflow of the EDIT 2013 – TOURISM AGGREGATED application
4 Starting EDIT 2013

In order to start the application the user must perform two separate actions:

1. start the Server
2. then start the Client

The user can start and close the Client multiple times without affecting the behavior of the application as long as the Server is still running.

4.1 Starting the EDIT 2013 Server

The default path that the application is installed on is Start → Programs → EDIT 2013

In order to use the application, firstly you need to launch the EDIT 2013 - Server from the task bar Start → Programs → EDIT 2013 → Start Server. This will start a Tomcat console window where the system will log all the actions performed by the application. Alternatively, you can run the app_start.vbs script located at the installation directory. After the server has been started (message in black window: “Server startup in …. ms”) - the application client can be opened.

This window should not be closed by the user, as this means stopping the Server.

4.2 Logging into EDIT 2013 TOURISM AGGREGATED

To access the web interface, the client can be launched from the task bar: Start → Programs → EDIT 2013 → Login
The default Internet browser should start automatically on [http://127.0.0.1:8090/edit-web-client/login/login.html](http://127.0.0.1:8090/edit-web-client/login/login.html). Alternatively, you can open the browser and type the following URL: [http://127.0.0.1:8090/edit-web-client/index.jsp](http://127.0.0.1:8090/edit-web-client/index.jsp)

To login, enter your “**User name**” and “**Password**” and click the “**Log In**” button.

Default values are:

User name = TOURUser
Password = TOURUser1234

### 4.3 Selecting Domain

After logging in, the following screen will be presented, allowing choosing the domain: TOUR or TOUR_AGGR.

For aggregated data validation, the TOUR_AGGR domain should be chosen:

Click on the “Submit” button to confirm the choice.
5 Exploring the EDIT 2013 Application

EDIT 2013 is a web-based application that runs inside a web browser. The document describes the options available for the user.

The navigation bar (at the top of the screen) is the same on every screen in EDIT 2013. It contains options which give quick access to many of EDIT 2013 functions available to the user role.

<table>
<thead>
<tr>
<th>Menu</th>
<th>Short description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Home</strong></td>
<td>Click the “Home” menu to access the Home Page presenting information about the user, the user's role and the current domain. It also contains a link to the “Change Password” and “Change Domain” functionalities.</td>
</tr>
<tr>
<td><strong>Datasets</strong></td>
<td>Click the “Datasets” menu to access the options: “Search for Datasets”, “Import a dataset”, “Import Datasets DB”, “Imports / Exports”.</td>
</tr>
<tr>
<td><strong>Jobs</strong></td>
<td>Click the “Jobs” menu to access the options: “Search for Jobs”, “Create a Job”, “Job Statistics”.</td>
</tr>
</tbody>
</table>

After selecting the TOUR_AGGR domain, the application is preconfigured to execute an EDIT 2013 TOUR_AGGR program validating aggregated data. In order not to affect the initial setup of the application, the following entries should not be altered by the user:
6.1 Change Password

For security reasons it is advised that the password should be changed on the first login.
Click on the button and the following page will be displayed:

Enter the “Old Password” and the “New Password” (minimum 8 characters), then click the button. New password is registered and valid for the next log in.

6.2 Change Domain

To change domain, click on the button. The following screen will appear allowing to select one of the two available domains - TOUR and TOUR_AGGRE:

To confirm the choice click on the button.

6.3 Run validation flow

The “Run validation flow“ option is available from the Home Page and allows to import and validate a file for TOURISM AGGREGATED data using only one application page.

NOTE: This option can be applied only if the file conforms to the predefined Import Template: TOUR_AGGR (i.e. the file is of CSV format, contains 1 header line to be skipped,
the field delimiter is semicolon). Please see more details about the \textit{TOUR\_AGGR Import Template} in chapter 7.1 \textbf{Datasets Import}.

To use \textit{“Run validation flow”} option follow these steps:

1. Click the \textbf{button} next to the \textit{“TOUR\_AGGR”} validation flow. This will open the \textbf{Run validation flow} page.

   ![Run validation flow page](image1)

   **1.** In the \textbf{Run validation flow} page specify the file to be uploaded and validated using \textbf{File} field. Then specify the name of a dataset under which the data will be saved in the system using \textit{“Run validation flow”} field.

   ![Run validation flow page](image2)

   **2.** In the \textbf{Run validation flow} page specify the file to be uploaded and validated using \textbf{File} field. Then specify the name of a dataset under which the data will be saved in the system using \textit{“Run validation flow”} field.

   ![Run validation flow page](image3)

   **3.** In the \textbf{Job execution options (mandatory)} panel select the \textbf{“Parameter Set”} from the drop-down list (by default: \textit{TOUR\_OCC\_A}) and introduce required parameters values in the \textit{“Value”} column.

   There are 8 predefined \textbf{Parameters Sets} available relating to a type of datasets transmitted for TOURISM AGGREGATED data.
Then in the “Value” column insert the relevant parameters:

- **HEADERREFPERIOD** parameter:
  e.g. 2014A00 (for annual dataset), 2014M09 (for monthly dataset)

- **HEADERCOUNTRY** parameter:
  e.g. FR, DE, EL (2-character ISO country code)

- **HEADERSUBJECT** parameter:
  dataset type, e.g. TOUR_SDVOUT_QA, TOUR_EXCL_A, TOUR_OCC_A, TOUR_CAP_A, TOUR_NIGHTS_M, TOUR_ARRNOCC_M, TOUR_NONRENT_A, TOUR_PARTIC_A.

4. Click on the Start button to run the validation flow. You will be redirected to the Validation flow progress page.

5. After the validation flow is finished you will be automatically redirected to the Job Details page where you can verify validation Job results. See more information regarding the Job Details page in chapter 8.1 View Job Results.
Alternatively to the described above Run validation flow option, the user can import a file using Datasets ➔ Import datasets option from the main menu and then create a validation job using Jobs ➔ Create Job option described later in this document.
7 Datasets

Before the TOURISM AGGREGATED Domain specific program is executed, the user must import the data to be validated in the EDIT application. The import mechanism reads from a local file according to the settings specified in File Properties and File Fields templates (see chapter 10) and writes to the local database according to the selected Format of a dataset.

In general, a dataset(s) can be also generated by a Validation Program as a result of performed validations or dataset operations. A Validation Program that contains validation rules will produce a Standard Error Dataset(s) containing errors found during the execution of the program.

7.1 Import Dataset

From the main menu, select Dataset → Import Datasets option:

The following default File Import page will be presented:

The **Browse...** button will enable the file selection.

Fill in the “Dataset Name” field and choose the “Import Template” (a predefined selection of import settings).

There is only one predefined Import Template available for TOUR_AGGR domain:

- **TOUR_AGGR** - allows importing datasets of TOUR_aggr_data format with semicolon as field delimiter, a file to be imported has to be of CSV type.

In case the dataset to be imported is not in accordance with one of the available templates, the properties must be adjusted manually.

By clicking the "+" on the **Advanced Configuration** panel:

the following advanced options become available:
The user can manually change the available settings:

- Maximum number of errors (by dataset import) can be set by introducing the desired number into the field:

- In File Properties section the user can determine file type (CSV by default, other possibilities: FLR, GESMES, SDMX). The application will display the File Properties panel associated to the file type you have selected.
  - For CSV files, the File Properties are: skip header lines, decimal point character, thousand delimiter, field delimiter, text qualifier, header definition and automatic header recognition.
Option “**Header Definition**” should be set to *Meaningless* and “**Automatic Header Recognition**” field should be left empty:

![CSV file properties and Description table]

<table>
<thead>
<tr>
<th>CSV file properties</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skip Header Lines</td>
<td>The first records in a CSV file might represent the names of the columns or other metadata, like author's name, etc. The “<strong>Header Definition</strong>” field specifies the number of initial records (rows) to be skipped when importing the dataset. This field accepts only numbers. Example of input file:</td>
</tr>
<tr>
<td>Field Delimiter</td>
<td>Records are separated with the character that is introduced on this field. The “<strong>Field Delimiter</strong>” must be the same as the delimitation character in the imported file, otherwise the file will not be imported and error message will be triggered. This field accepts only one character. Example of input file:</td>
</tr>
<tr>
<td>Decimal Point Character</td>
<td>This field allows determining which “<strong>Decimal Point Character</strong>” will be used for <em>Double</em> numbers (represented by decimal fractions) present in the file. This field accepts only one character.</td>
</tr>
<tr>
<td>Field Name</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Text Qualifier</td>
<td>Fields (cells) that contain a Field Delimiter character inside their value must be escaped with a “Text Qualifier” character. For example: Flags A;B;C becomes “Flags A;B;C”.</td>
</tr>
<tr>
<td>Thousand Delimiter</td>
<td>This field is to determine which character will be used to separate thousand decimals from the rest of the digits in a number. This field accepts only one character. Example of data: 1000 or 1,000</td>
</tr>
<tr>
<td>Header Definition</td>
<td>For the TOUR_AGGR domain this option should be set to Meaningless.</td>
</tr>
</tbody>
</table>

- In the **File Fields** section you can determine **Dataset Format** and select the list of fields to be imported. By default the predefined TOUR_AGGR template selects all fields and therefore all are listed in the “Selected Fields” window, but it can be adjusted manually by moving fields from “Selected Fields” to “Available Fields” window:

![File Fields](image)

- Finally, the user can create a new dataset or to replace an existing dataset:

![Create New](image)

If the **Repopulate Existing Dataset** option is checked, the “Dataset Name” field presents all available datasets having the same format:
Then, click on the icon to launch the import procedure. You will be redirected to the Import / Export History page, displaying all the import and export tasks performed on the TOUR_AGGR domain. The status of the initiated import will be **RUNNING**.

Once the data import is finished, the import status will change to **COMPLETED**:

If there are file import errors application will show the extra icon on the Dataset Import/Export History list:

Click the icon to see the import error log:
7.2 Searching for datasets

In the navigation bar select Dataset → Search Datasets.

The application will open the Dataset Search page.

In the Dataset Search panel, the application will allow you to:

1. Enter your search criteria by using available fields.
   - The identification of the dataset: "Dataset Name" and "Dataset Format".
   - The period of dataset creation: "Start Date" and "End Date" (click on the field to open the calendar popup for the selection of the dates).
   - The creator and owner group of the dataset: "User" and "Owner Group".

2. Click the Search button. The system will populate the Dataset List panel with the list of matching records (all the datasets will be listed if you do not provide any search criteria).

In the Dataset List panel, the application will allow you to make the following actions:

<table>
<thead>
<tr>
<th>Action buttons</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="View Details" /></td>
<td>View the records of the dataset</td>
</tr>
<tr>
<td><img src="image" alt="Export" /></td>
<td>Export the dataset</td>
</tr>
<tr>
<td><img src="image" alt="Graphics" /></td>
<td>Generate Graphics</td>
</tr>
<tr>
<td><img src="image" alt="Db Export" /></td>
<td>Export the dataset to an external database</td>
</tr>
<tr>
<td><img src="image" alt="Delete" /></td>
<td>Delete the dataset</td>
</tr>
<tr>
<td><img src="image" alt="Manage Owner Group" /></td>
<td>Manage Owner Group for the dataset</td>
</tr>
<tr>
<td><img src="image" alt="Archive" /></td>
<td>Archive the dataset</td>
</tr>
<tr>
<td><img src="image" alt="Restore" /></td>
<td>Restore the dataset</td>
</tr>
</tbody>
</table>
7.3 View Dataset Details

In the Dataset List panel, locate the dataset you wish to view and click the icon.

The application will open the Dataset Details page.

In the Dataset Details page, the application allows you to:

1. Select the fields you want to be presented. By default all the fields are displayed. Use the arrows in the Dataset Format panel to move the fields between the “Displayed Columns” and the “Hidden Columns” lists. The application will automatically update the Dataset Content table with the selected columns.

2. Adjust the number of visible columns using the pagination controls.
3. Display the details of a record by clicking on the icon in **Actions** column (last column of the record).

The application will open the **Record Details** page with the data corresponding to the selected record.

4. Select columns to be displayed using the **Dataset Format** panel. The Dataset Format panel can be closed by clicking the header bar.

### Dataset Format

7.4 Delete Dataset

In the **Dataset List** panel, locate the dataset you wish to delete and click the icon.

The application will open a confirmation dialog box allowing you to confirm the delete request.
In the confirmation dialog, the application will allow you to:

1. Click “Ok” to delete the dataset.
2. Click “Cancel” to cancel the deletion of the dataset.

**Exception:** a dataset that is involved in a Job execution can’t be deleted. If you want to delete a dataset that is used as an input of a Job, first you have to delete the corresponding Job.

### 7.5 Export Dataset

In the Dataset List panel, locate the dataset you wish to export and click the icon.

The application will open the Dataset Export page

1. Select the the **File Type** (CSV, FLR). The application will display the File Properties panel associated to the file type you have selected.
   - For CSV files, the File Properties are: skip header lines, field delimiter, text qualifier, decimal character, and thousand delimiters.
   - For FLR files, the File Properties are: skip header lines, decimal character, and thousand delimiter.

2. In the “Select Fields” panel, select the fields you wish to export. For error report datasets (of errDsd format) choose entry errorRep to select the certain fields from the listed Available Fields. A File Fields template is a predefined selection of fields to be exported that you have used on a previous occasion and saved as a template. Upon selection, the application will populate the “Selected Fields” panel with the values predefined in the selected template.
3. Use the Sort Data panel to sort records according to the defined criteria. For example, sorting the error report by the EXP_INDEX (rule name) and then by PARTITION, in ascending order (ASC), will be executed by the formula:

4. Click “Export”. The application will create the export task and will redirect you to the Import/Export Tasks page. The export task will start immediately. In the Import/Export Tasks page you can monitor the progress of the export task and download the generated data file after the task is finished.

7.6 Import/Export Tasks

In the main navigation bar select Dataset ➔ Imports/Exports.

The application will open the Dataset Import/Export History page.
In the **Dataset Import/Export History Search** panel, the application will allow you to:

1. Enter the search criteria by using any combination of the fields:
   - Dataset information: “Name”, “Status”, “User”, and “Format”.
   - Period of creation of the task: “Start Time” and “End Time” (click on the field and the application will display a calendar to help you select the dates).
   - Task “Type” (e.g. **IMPORT, EXPORT**).

2. Click “Search”. The application will populate the **Dataset Import/ Export History** panel with the matching records (all the tasks will be listed if the search criteria are empty).

<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="View Details" /></td>
<td>View the dataset associated with the task</td>
</tr>
<tr>
<td><img src="image" alt="Delete Task" /></td>
<td>Delete the task (associated datasets are not deleted only the task record).</td>
</tr>
<tr>
<td>Action</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Download Data File</td>
<td>Download Data File generated by the task.</td>
</tr>
<tr>
<td></td>
<td>- for IMPORT tasks this will contain the rows that generated errors during import;</td>
</tr>
<tr>
<td></td>
<td>- for EXPORT tasks this will contain the exported data</td>
</tr>
<tr>
<td>Download Log File</td>
<td>Download the error log that was generated during the execution of the task</td>
</tr>
</tbody>
</table>
8 Jobs

In order to execute a validation program in EDIT 2013 TOURISM AGGREGATED, the user has to create a Job - to associate a specified dataset with the validation program.

8.1 Tour_aggr Program Execution

1. In the navigation bar select Jobs ➔ Create Job.

2. As there is only one validation program available for the TOUR_AGGR domain, the application will preselect the Tour_aggr program, what can be verified after expanding the General Information panel (click on the "+" icon). It is also possible to change the “Job Name” (the application generates a default name that you can overwrite).

3. In the Parameters panel select the predefined “Parameter Set” from the drop-down list. The system will repopulate the Parameters table with the predefined values (Original Value column). If a value to be used is different than the one in the Original Value column, you can introduce please type it in the “Override Value” field. You can overwrite parameters given by default by the system by introducing your values in the Override Value column.
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parameter Set</td>
<td>Predefined list of the “Parameter Set” templates.</td>
</tr>
<tr>
<td>HEADERREFPERIOD</td>
<td>Reference period (YYYYA00, YYYM01, …, YYYM12) where YYYY= the reference year</td>
</tr>
<tr>
<td>HEADERCOUNTRY</td>
<td>2-digit country code (FR, DE, BE, HR,…,etc.)</td>
</tr>
<tr>
<td>HEADERSUBJECT</td>
<td>Possible values:</td>
</tr>
<tr>
<td></td>
<td>TOUR_SDVOUT_QA</td>
</tr>
<tr>
<td></td>
<td>TOUR_EXCL_A</td>
</tr>
<tr>
<td></td>
<td>TOUR_OCC_A</td>
</tr>
<tr>
<td></td>
<td>TOUR_CAP_A</td>
</tr>
<tr>
<td></td>
<td>TOUR_NIGHTS_M</td>
</tr>
<tr>
<td></td>
<td>TOUR_ARRNOCC_M</td>
</tr>
<tr>
<td></td>
<td>TOUR_NONRENT_A</td>
</tr>
<tr>
<td></td>
<td>TOUR_PARTIC_A</td>
</tr>
</tbody>
</table>

4. In the Dataset References panel select the input dataset required by the program (the application will provide a list of available datasets).
The application will produce two error reports: **ERRREP_VALIDATION** and **ERRREP_COMPLETENESS_EU28**. The default names of the error reports can be overwritten.

5. Click the “**Execute Job**” button. The application will create and launch the job redirecting you to the **Search Job** page where you can monitor the progress of the scheduled job.

6. The Job will be first in **PENDING** then in **RUNNING** status. The Job will pass in **FAILED** if there are errors during the execution or **COMPLETED** when the job finished successfully.

8.1 **View Job Results**

On the **Job List** page, locate the job you wish to visualize, click on the - View Result icon. The application will open the **Job Details** page.
### Action Button

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>- View dataset</strong></td>
</tr>
<tr>
<td><strong>- View Statistics</strong></td>
</tr>
<tr>
<td><strong>- Export</strong></td>
</tr>
</tbody>
</table>
8.2 View Job Statistics

The **Job Statistics** page allows the user to verify which rules failed (reported errors) during the program execution and what the total number of failures for each rule was.

Example:

<table>
<thead>
<tr>
<th>Rule Name</th>
<th>No of Failures</th>
<th>Rule Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>R_decoms_allowed_combination</td>
<td>635</td>
<td>Error: incorrect combination dataset/variable/breakdown code</td>
</tr>
<tr>
<td>R_C_NO</td>
<td>16</td>
<td>Error: NO = NOO</td>
</tr>
<tr>
<td>R_duplicates</td>
<td>27</td>
<td>Error: duplicated records</td>
</tr>
<tr>
<td>R_flasibility_3</td>
<td>6</td>
<td>Warning: occ_or_bed - occ_or_bed &lt; 30</td>
</tr>
<tr>
<td>R_flasibility_4</td>
<td>3</td>
<td>Warning: occ_or_bed - occ_or_bed &lt; 30</td>
</tr>
<tr>
<td>R_flasibility_5</td>
<td>4</td>
<td>Warning: occ_r1_res/occ_res_res &lt; 10</td>
</tr>
<tr>
<td>R_flasibility_6</td>
<td>42</td>
<td>Warning: occ_r1_nonres/occ_arr_nonres &lt; 10</td>
</tr>
<tr>
<td>R_flasibility_x</td>
<td>1</td>
<td>Warning: occ_or_bed/occ_or_bed &lt; 5</td>
</tr>
</tbody>
</table>

The report can be exported to a CSV file by clicking the icon.

8.3 View Error Reports of a validation job

Indicate an error report dataset you would like to display by clicking on the **- View dataset** icon in the **Error Reports** section.

The application will open the **Report** page where the content of the error report dataset is presented. The dataset have the following columns: (the user can hide some of them):

- **ROW_NUMBER**: The number of the row in the error log dataset
- **MESSAGE**: error message
- **SEVERITY**: severity message
- **BLOCK_INDEX**: index of the block in which the error occurs
- **EXP_INDEX**: index of the expression
- **EXP_ID**: index of the expression in the block
- **EXP_NAME**: name of block
- **PARTITION**: values of the transpositions keys
- **AUXILIARY_DATA**: values fields used in the expression that failed
- **DSI_ID**: id of the dataset
- **ACTIONS**: “View details” button.
8.4 View Detailed Statistics Report

Click on - View Detailed Statistics Report on the Error Reports section.

A dialog box that will appear enables to determine, whether the error report will be downloaded or saved as a CSV file.
The report contains information about detected errors, analogically to the View Error Reports option from the previous chapter, the following fields are shown (for each rule):

- EXP_NAME
- MESSAGE
- SEVERITY
- AUXILIARY_DATA
Example:

```
R_lookup_allowed_combination

MESSAGE:incorrect combination dataset/variable/breakdown code,
SEVERITY:Error,

ROW_ID,,HEADERSUBJECT, VARIABLE, BREAKDOWN
1,,"TOUR_EXCL_A","occ_arr_nonres","NO_I551_TOT"
2,,"TOUR_EXCL_A","occ_arr_nonres","NO_I551_TOT_AFR"
172,,"TOUR_EXCL_A","occ_arr_nonres","NO_I55_TOT_UA"
582,,"TOUR_EXCL_A","occ_hi_res","NO05_I55I0I55_DEG1"
635,,"TOUR_EXCL_A","occ_arr_nonres","NO_I551_TOT"

R_duplicates

MESSAGE:duplicated records,
SEVERITY:Error,

ROW_ID,,VARIABLE, UNIT, CC, BRK,
,,occ_arr_nonres,NBR,NO,I551_TOT,
,,occ_hi_res,NBR,N00,I55I0I55_COAST,
,,occ_hi_res,NBR,N00,I55I0I55_DEG,
,,occ_hi_res,NBR,N00,I55I0I55_DEG1,
,,occ_or_bedr,PC,N00,I551_TOT,

R_Plausibility_6

MESSAGE:occ_hi_res/occ_arr_nonres < 10,
SEVERITY:Warning,

ROW_ID,,UNIT, CC, BRK,VALUE['OCC_HI_NONRES'], VALUE
[ 'OCC_ARR_NONRES']
,,NBR,NO,I551_TOT_ASI,459749.0,14827.0
,,NBR,NO,I551_TOT_BE,54754.0,4782.0
,,NBR,NO,I551_TOT_BR,6966.0,246.0
```

### 8.5 Search Jobs

**EDIT 2013 – TOURISM AGGREGATED** allows you to search for jobs.

In the main navigation bar select Jobs ➔ Search Jobs.

The application will open the Search Job page.
In the **Search Jobs** panel, the application will allow you to:

1. Enter the search criteria by using any combination of the fields “Name”, “User”, “Status”.

2. “Start Date” and “End Date” fields allow introducing a period of creation of the job(s), by clicking on the field the application will display a calendar to help you to select the dates.

3. Click “Search”. The system will populate the **Jobs List** panel with the matching records. All the jobs will be listed if the search criteria are empty.

In the **Jobs List** panel, the application will allow you to:

<table>
<thead>
<tr>
<th>Action Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✉ - View Result</td>
<td>View results of the job execution. The application will display the Job Details page to display the details of the job along with some useful functions such as View and Export input/output/error datasets, view statistics.</td>
</tr>
<tr>
<td>⚪️ - Delete Job</td>
<td>Delete the job. The application will ask you whether you wish to delete the job together with the output and error datasets.</td>
</tr>
<tr>
<td>✉️ - Copy Job</td>
<td>Copy the job. The application will create a copy of the job definition together with the original parameters. The name of the new job will be the original name plus the next successive number of the copy. The description of the new job will be the original description plus the “Copy of” prefix. The name of the outputs will be automatically regenerated with different counters.</td>
</tr>
<tr>
<td>⏹️ - Cancel</td>
<td>Cancel the execution of a <strong>RUNNING</strong> job. The application will stop the execution of the job and will set its status to <strong>INTERRUPTED</strong>.</td>
</tr>
</tbody>
</table>
9 Stopping the Application

In order to stop the application the user has to perform two separate actions: logging out of the application and stopping the server.

Note: the user can log out of the application and log back in it without stopping and starting the server. Alternatively, the application can be stopped just by stopping the server, but this is not recommended.

9.1 Logging out from EDIT 2013

In order to logout from the application, the User can click the “Logout” button on the top-right of the web page:

![Logout button](image)

9.2 Stopping the EDIT 2013 Server

It is recommended to log out of the application and close the client web browser window before stopping the server.

The server can be stopped by using the following path from the task bar:

**Start ➔ Programs ➔ EDIT 2013 ➔ Stop Server**

![Server stop options](image)

This action will close the Tomcat server console.
10 Advanced Functionalities

10.1 Import Dataset - File Properties Templates

The File Properties Template is a predefined set of File Properties you have used on a previous occasion and saved as a template. Optionally, the user can select a predefined File Properties Template from the “File Properties” list. Upon selection, the application will populate the File Properties panel with the values defined in the selected template.

The User can manage the “File Properties” list as follows:

<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✗</td>
<td>- delete</td>
</tr>
<tr>
<td></td>
<td>Delete the selected template from the list.</td>
</tr>
<tr>
<td>✉️</td>
<td>- save</td>
</tr>
<tr>
<td></td>
<td>Update the selected template with the current values.</td>
</tr>
<tr>
<td>✉️</td>
<td>- save as</td>
</tr>
<tr>
<td></td>
<td>Save new file properties template</td>
</tr>
</tbody>
</table>

Example of saving a new File Properties Template:

After clicking the “Ok” button the properties introduced on the page will be saved.

10.2 Dataset Import - File Fields

Select the fields to be imported and arrange them as appropriate.
### Fields and buttons

<table>
<thead>
<tr>
<th>Available Fields</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VARIABLE, BREAKDOWN, UNIT, VALUE, FLAG, COMMENTS</td>
<td>After the “Dataset Format” is selected, the list of “Available Fields” is populated with the columns from the selected dataset.</td>
</tr>
<tr>
<td>=&gt;</td>
<td>Selects all the columns and moves them in the “Selected Fields” list.</td>
</tr>
<tr>
<td>&lt;=</td>
<td>Moves all selected columns from the “Selected Fields” list back in the “Available Fields” list.</td>
</tr>
<tr>
<td>&gt;</td>
<td>Moves only the selected columns from the “Available Fields” to “Selected Fields”.</td>
</tr>
<tr>
<td>&lt;</td>
<td>Moves only the selected columns from the “Selected Fields” list back in the “Available Fields” list.</td>
</tr>
<tr>
<td>Selected Fields</td>
<td>Presents the columns that will be imported from the input file (dataset). These fields must be found inside the file to be imported.</td>
</tr>
</tbody>
</table>

**Diagram:**

- **Available Fields**:
  - VARIABLE
  - BREAKDOWN
  - UNIT
  - VALUE
  - FLAG
  - COMMENTS

- **Selected Fields**: Columns that will be imported from the input file (dataset).
A **File Fields Template** is a predefined selection of fields you have used in a previous occasion and saved as a template. Optionally, the user can select a predefined **File Fields Template** from the “File Fields” list. Upon selection, the application will populate the **File Fields** panel with the values defined in the selected template.

The user can manage the “**File Fields**” list as follows:

<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✗ - delete</td>
<td>Remove the selected template from the list.</td>
</tr>
<tr>
<td>📋 - save</td>
<td>Update the selected template with the current fields selection</td>
</tr>
<tr>
<td>📋 - save as</td>
<td>Add a new template to the list using the current fields selection</td>
</tr>
</tbody>
</table>