



# EUROTRACE



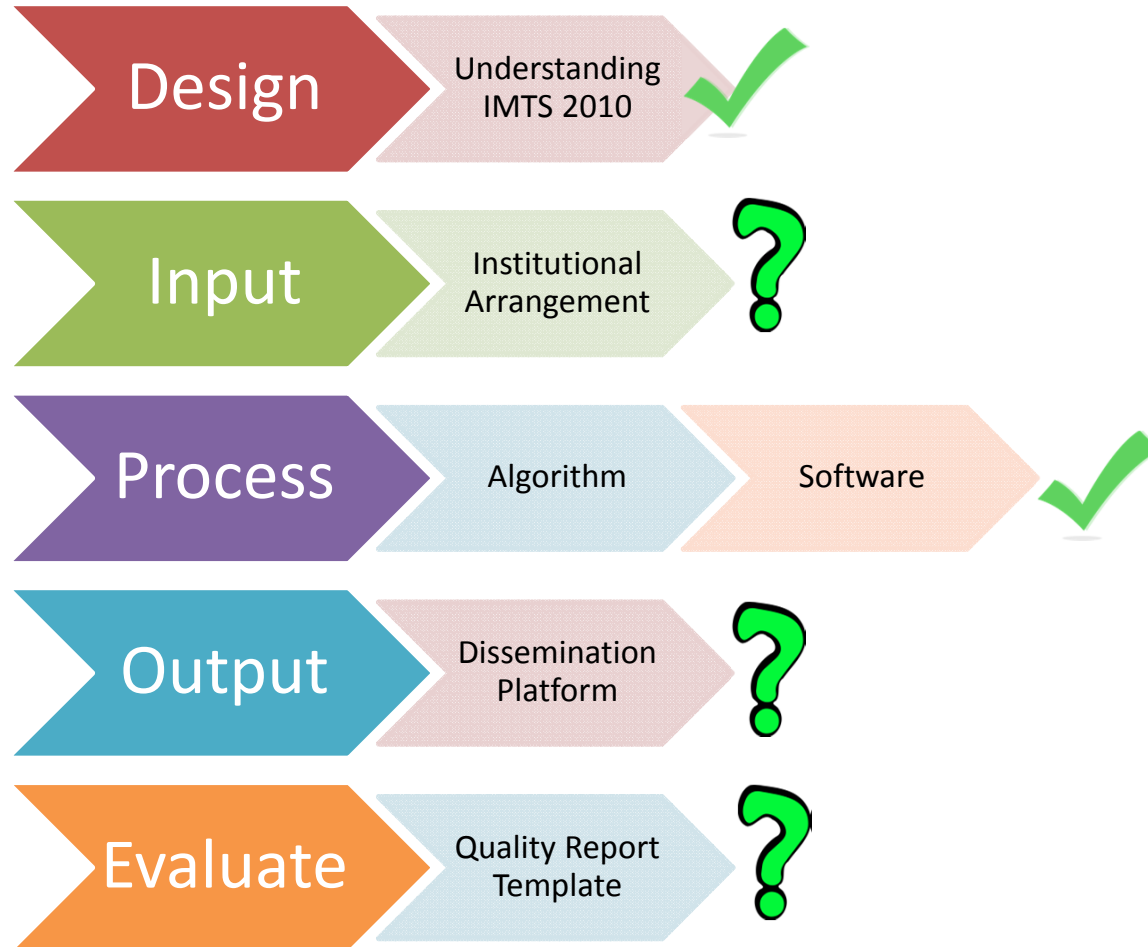
Data Processing Software for IMTS

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**United Nations Statistics Division**

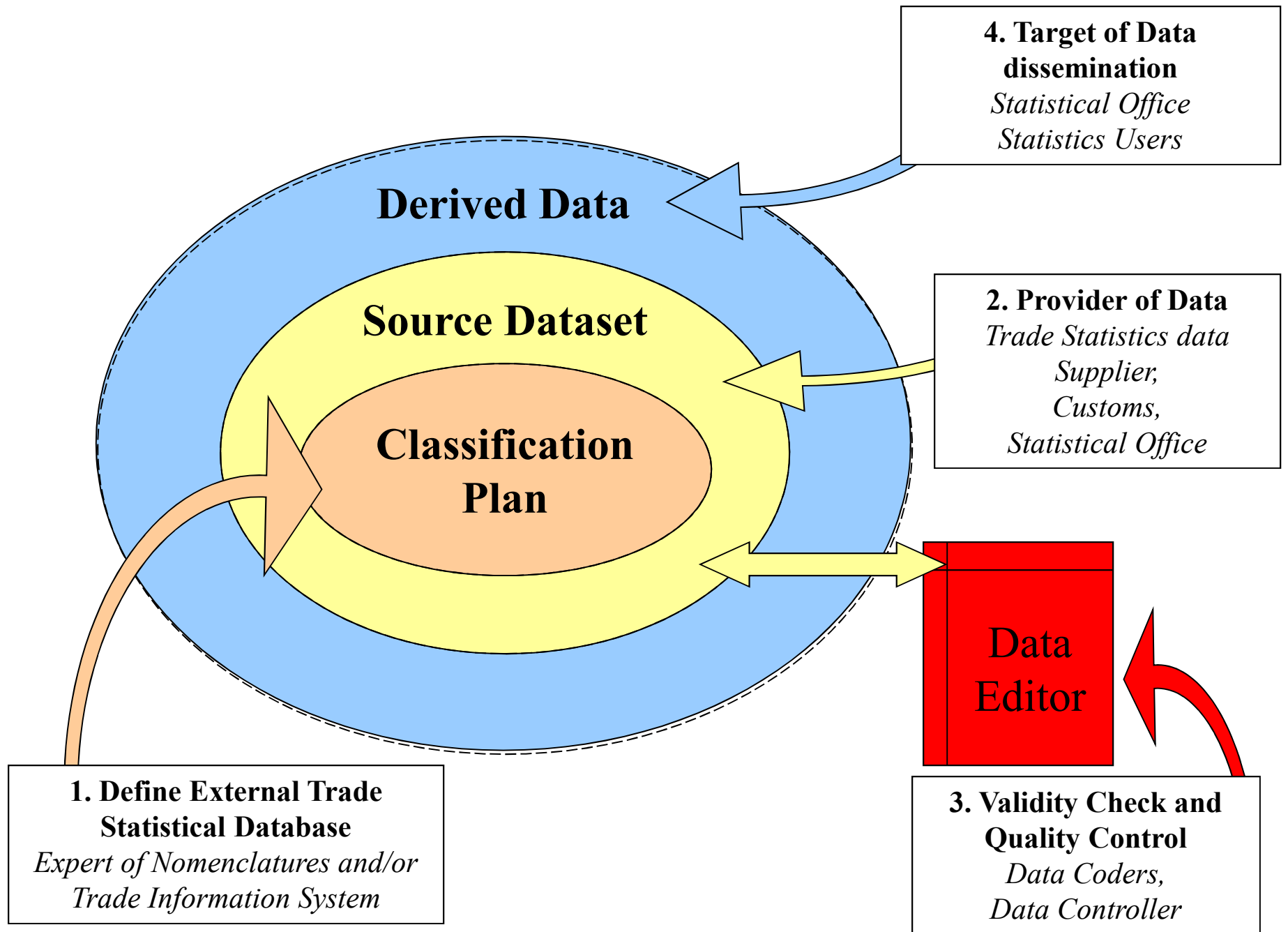
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# Reminder: Implementation Plan

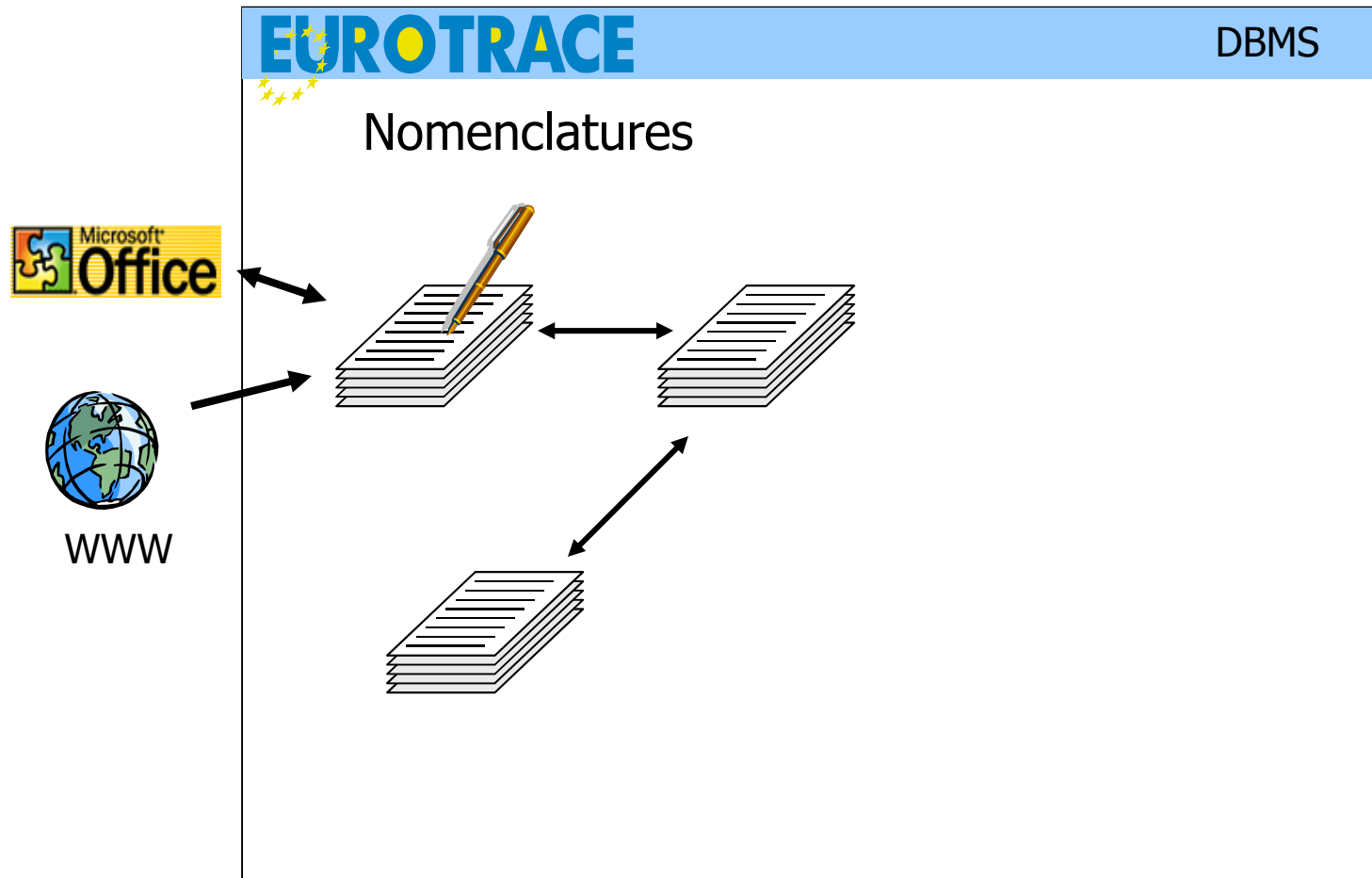


# Introduction

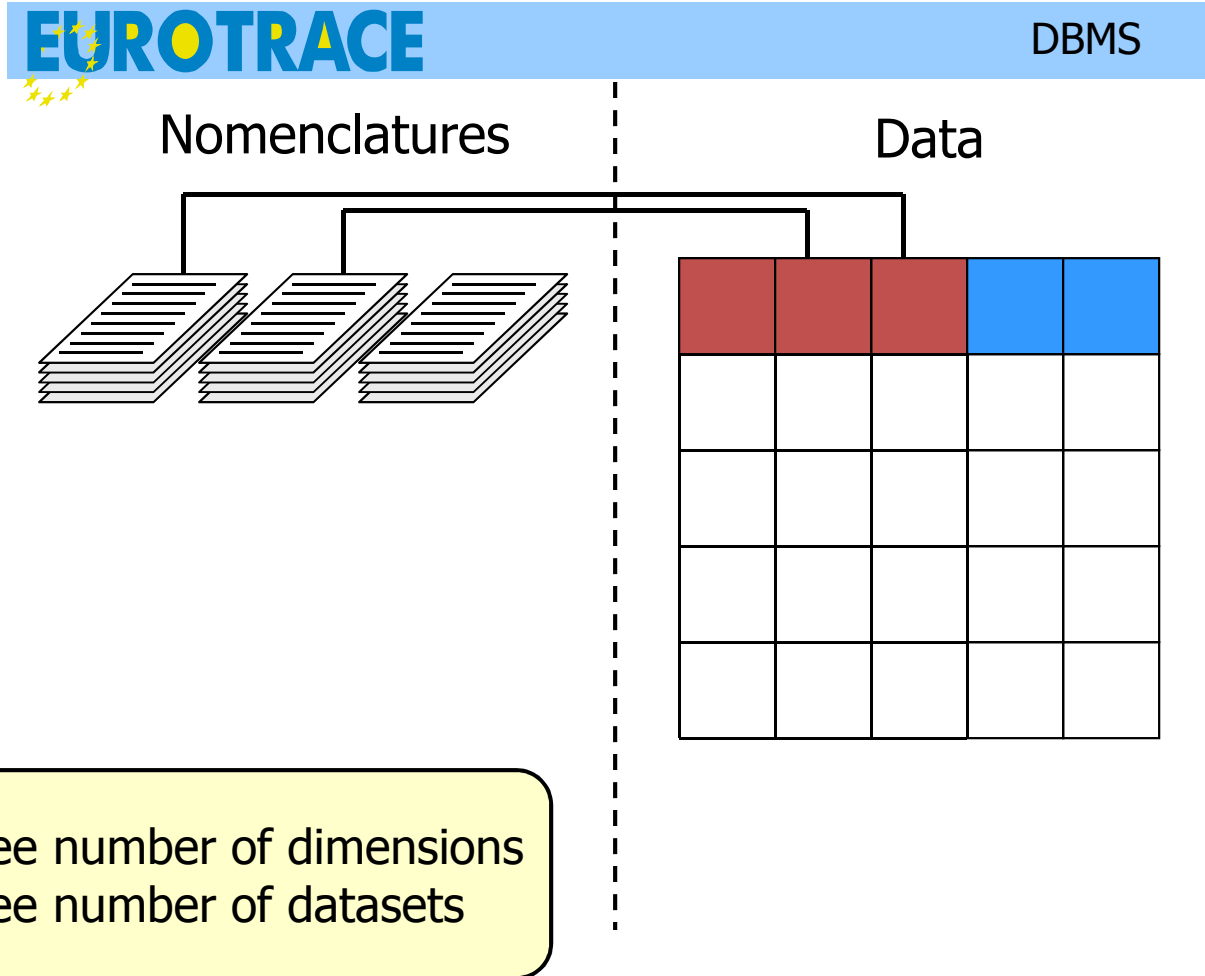
- Eurotrace is a data management and processing software, usually used for IMTS, in conjunction with ASYCUDA
- Eurotrace is Open Source Application (2014)
- Designed for:
  - Managing trade data
  - Implementing processing and checking **algorithm**
  - Editing and aggregating data
  - Calculating derived trade indicators
  - *And can be extended through modules...*



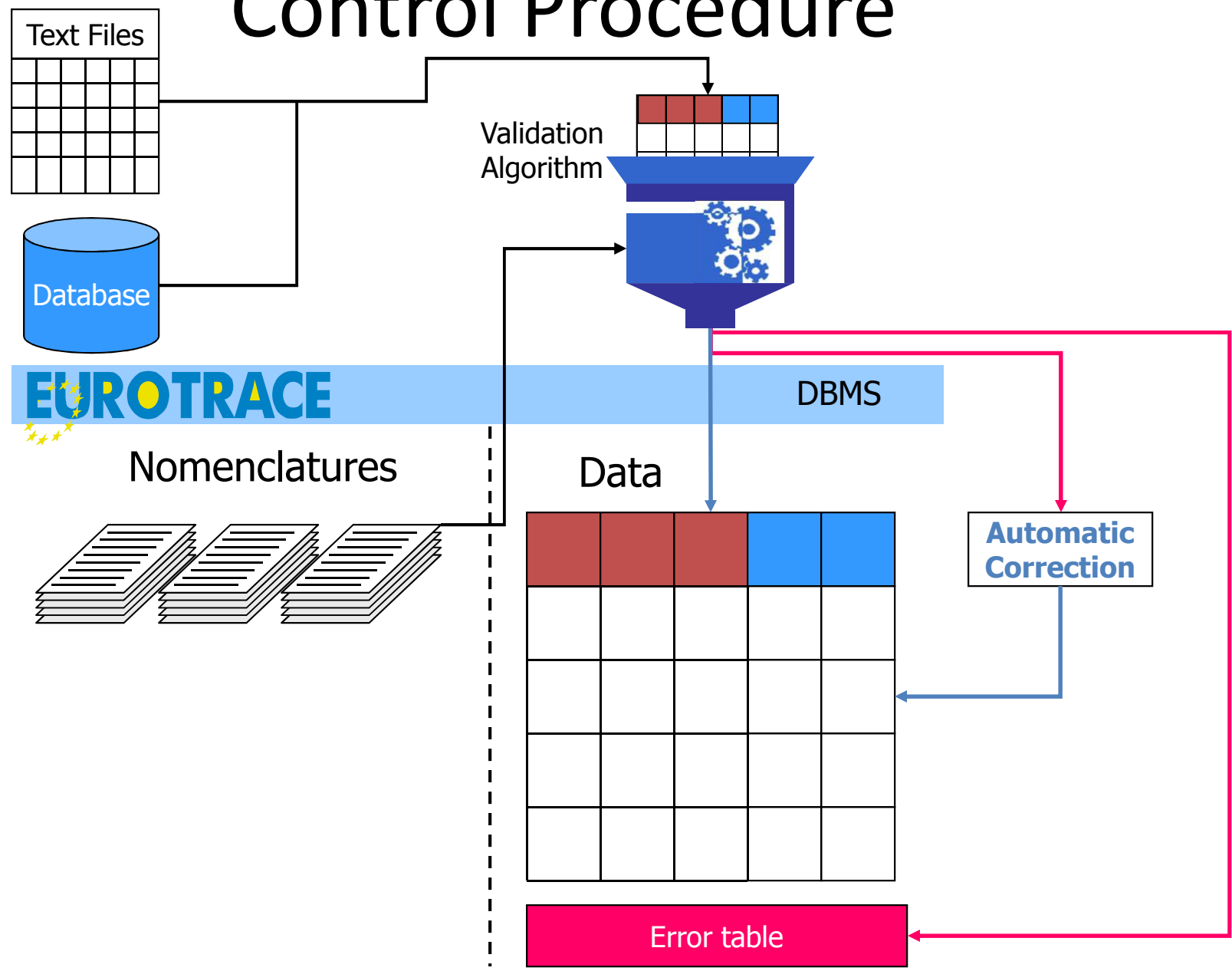
# Managing Classification



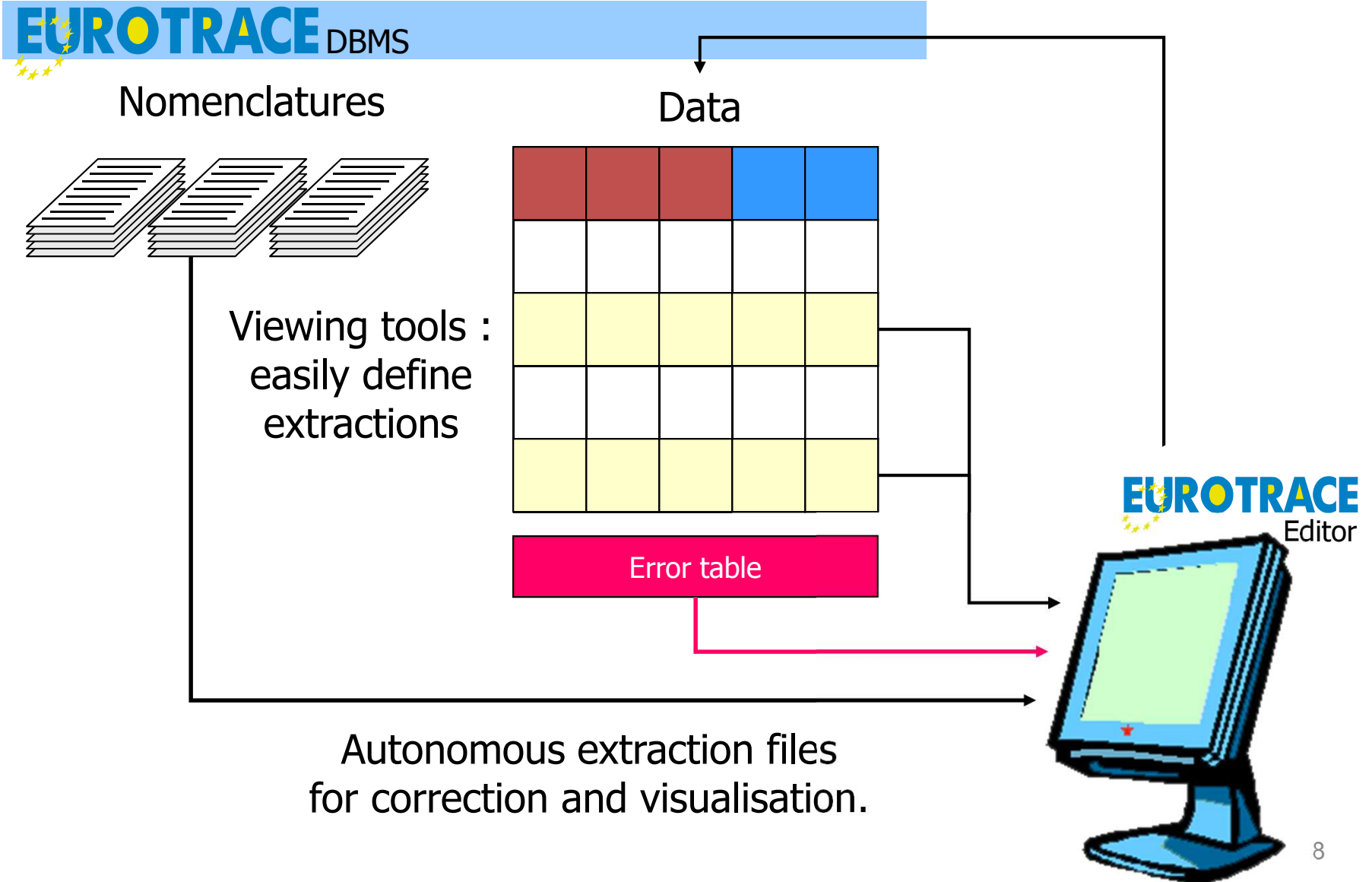
# Flexible storage design



# Control Procedure



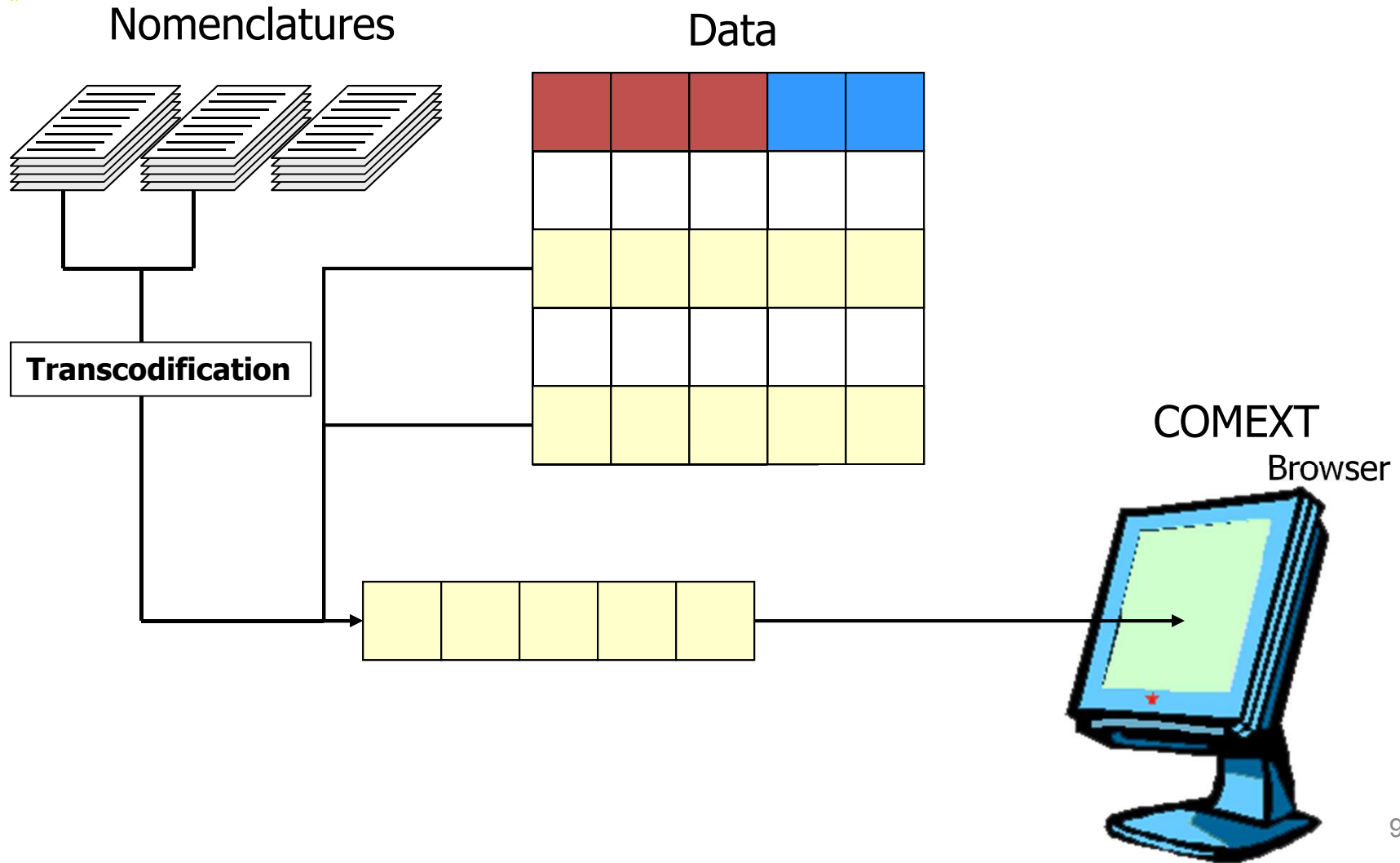
# Data Editing





# Data Aggregation

**EUROTRACE** DBMS



# Screenshot – data design

**DataSet Definition of Declaration : Declaration DataSet (Read-Only)**

**Fields**

- MultiFile : Dataset Splitting
- Month : Month de Declaration
- Year : Year of Declaration**
- Day : Day of Declaration
- Office : Office
- DecNum : Declaration Number
- ItemNum : Item Number
- Declarant : Trader
- Entreprises : Entreprises
- Mode of Transport : Mode of Transport
- Nationality : Nationality of Transport (flag)
- Customs Regime : Customs Regime
- Product : Commodity Code
- Country : Country of Origin/Destination
- Net Mass : Net Mass

Activate Operation Annulment Management

Language: English

**Field Configuration:**

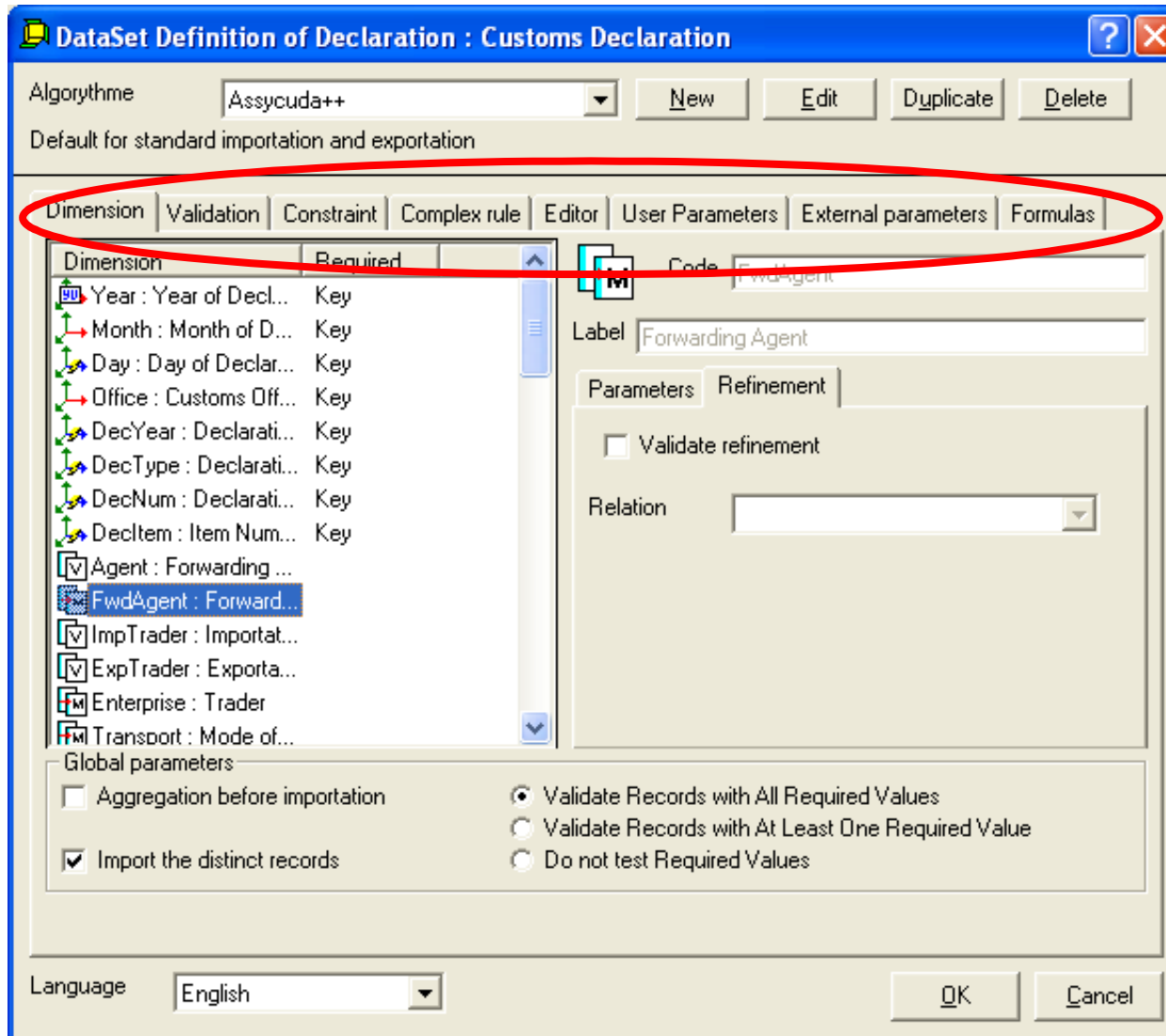
- Code: Year
- Label: Year of Declaration
- Memo:

**Year Structure:**

- From: 1995 To: 2001
- Type: Numeric Size: 2
- 19?? Start: 1970

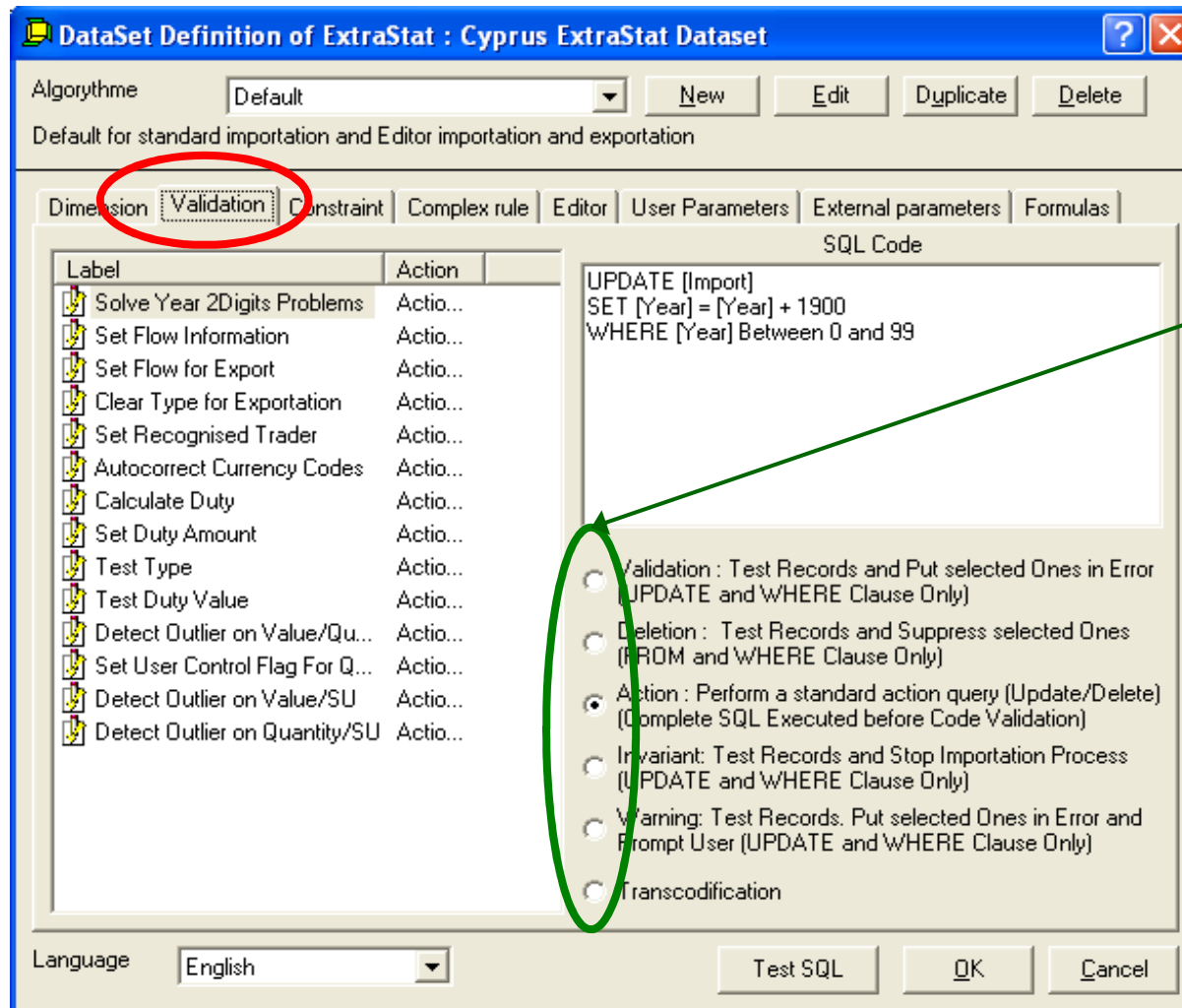
Buttons: Cancel, OK

# Screenshot – data validation



Together all the parameters in the different Tabs constitute an algorithm capable of Making a wide variety of validations and actions

# More on data validation



6 types of rules supported:

- ✓ Validation
- ✓ Action
- ✓ Deletion
- ✓ Invariant
- ✓ Warning
- ✓ Transcodification

# But, W.A.I.T

- EUROTRACE is not data dissemination system
- Fortunately .... There are alternatives software that work in conjunction with EUROTRACE:
  - PC: **Comext** (Eurostat)
  - Web: **WebComext** (Eurostat), **PX-Web** (Statistics Sweden)
- Countries have been implementing these data dissemination system

# Eurotrace User Community

- In February 2016, UNSD, Eurostat, African Union, CARICOM, COMESA, ECOWAS and other interested parties decided to form EUROTRACE User Community (**EUROTRACE-UC**).
- The main goals of this user community are as follows:
  - To **identify common issues** and agree on setting the priority on features for improvement and addition
  - To **maintain list of issues** including the status of resolution
  - To fulfill the needs of **training and capacity building** in countries by pooling available resources

# <http://comtrade.un.org/eurotrace/>



UNITED NATIONS » DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS » STATISTICS DIVISION » TRADE STATISTICS

⇌ Eurotrace User Community 

## Latest development

- [2016 global assessment on EUROTRACE](#) (April 2016)
- [Compilation of common issues and features for improvement](#) (January 2016) replaced by [Trello Eurotrace user Community](#)

## Useful Links

- [Trello Eurotrace user Community](#)
- [EUROTRACE at Eurostat site](#)
- [Eurotrace Interest Group](#) hosted by Eurostat (to be replaced by EUROTRACE User Community)
- [EUROTRACE e-learning](#) by COMESA
- [Information about EUROTRACE](#) (deprecated as of 2012, but contains useful information)

# Example: ideas for improvement

17. Please rank Eurotrace/COMEXT modules that you would like to have or to improve?

	Low priority	Medium priority	High priority	N/A
External Trade Indices (available as add-ins)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SDMX-IMTS Data Extraction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trade and Business Register Integration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bilateral Trade Asymmetries Analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data Visualization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Web Comext Data Dissemination (available as part of Eurotrace package)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using open source database (e.g., postgresSQL)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Eurotrace Editor (available as part of Eurotrace package)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Detection of outliers (e.g., unit values) (available in Eurotrace Windows)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bridge between Eurotrace and PX-Web	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data confidentiality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimation and imputation of missing data (e.g., quantities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flat file data extraction (available in version 3.3.7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integration between COMEXT and Excel (as Excel add-ins)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Compatibility with the latest MS Office formats (XLSX, accdb, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Thank you

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