

The Eurotrace Suite

**Workshop on Updated and New Recommendations for
IMTS and their Implementation in the Sub-Saharan
Region**

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Lusaka-Zambia

***Anthony J. Walakira
ADP Expert – Eurotrace
COMESA Secretariat***

Data Processing Software for External Trade Statistics

Three separate applications that work together.



Eurotrace DBMS



Eurotrace Data Editor



Comext Standalone Data Browser

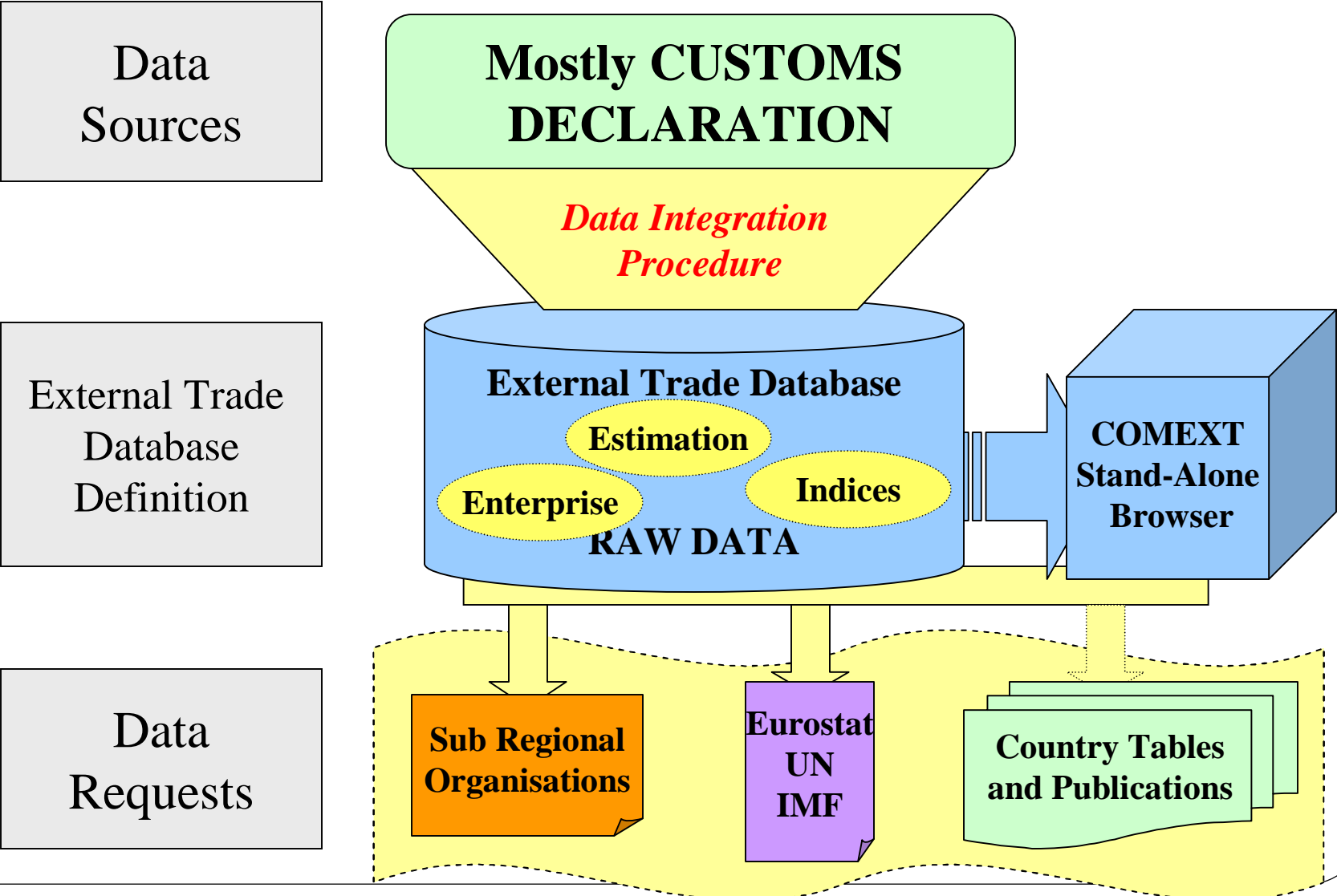
Data Processing Software for External Trade Statistics

Computing Technology

- Built with Microsoft **Visual Basic and C++ Programming Languages**
- Supports Data Access Objects (**DAO**) and Open database connectivity standards (**ODBC**)
- Pentium II 450Mhz
- 256MB RAM
- Windows 95, 98, NT, 2000, Me or XP Operating system
- MS Access → SQL Server → Oracle versions
- **A 3 part system of Interacting programs, offering an extensive and complete range of data processing tools to meet all External Trade Statistics data processing needs.**

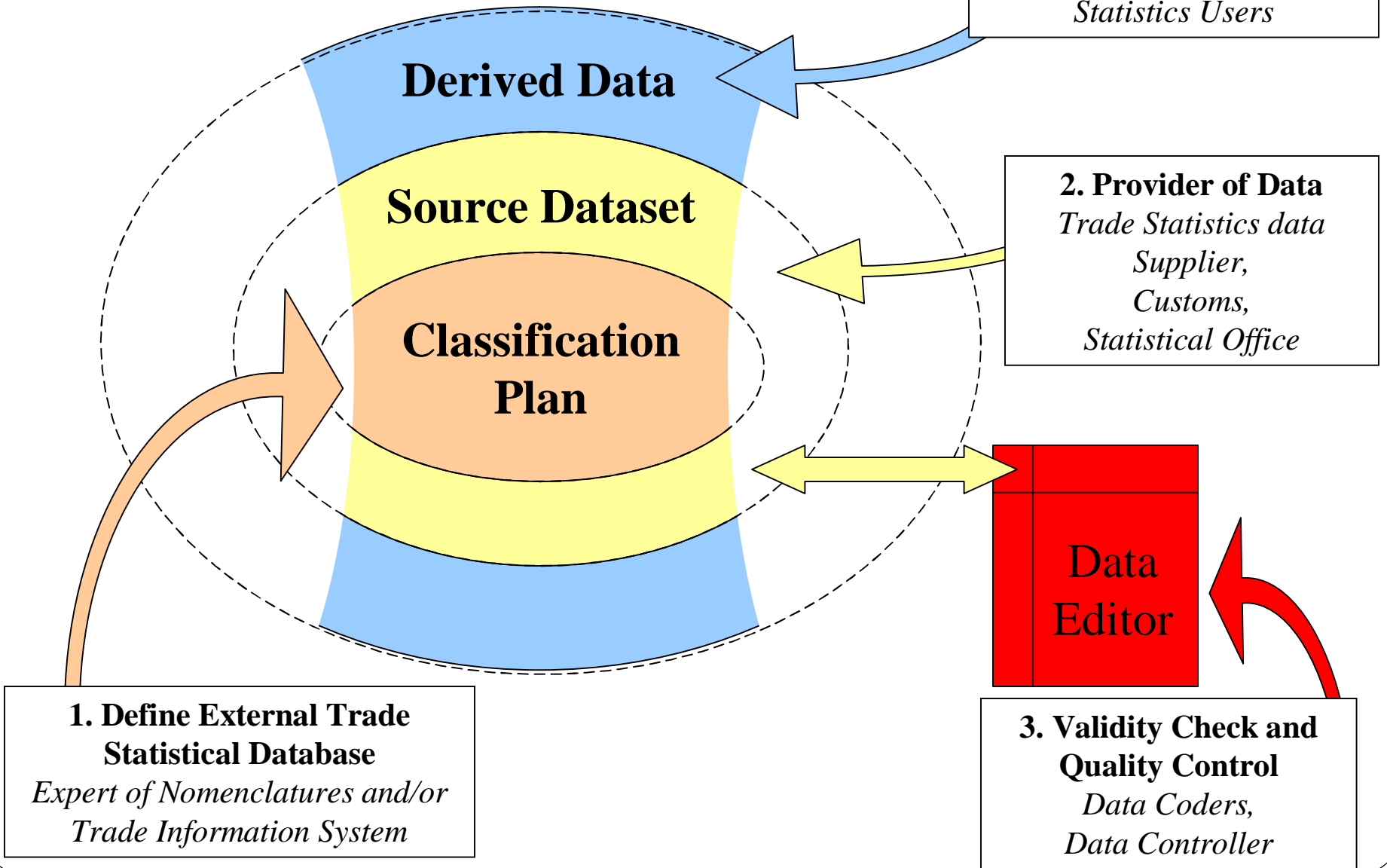
External Trade Statistics: Implementing system

*with
Comext/Eurotrace Package*



Eurotrace Actors

How to design a Domain ?



Relations : Transcodification/Constraint

The screenshot displays the Eurotrace - MWDOMAIN application interface. The main window shows a list of relations, including HS8-HS2, HS8-HS4, HS8-HS6, and HS-SITCR3. Three 'Relation Properties' dialog boxes are overlaid on the screen, illustrating the steps to create and configure a transcodification relation.

Dialog 1 (Left): Shows the 'General' tab. The 'Code' field is set to 'New Relation'. A red circle highlights the 'New Relation' icon in the 'Code' field.

Dialog 2 (Middle): Shows the 'Definitions' tab. The 'Base on' field is set to 'HS'. The 'Label' field is set to 'HS'. The 'Transcodification' radio button is selected. A red circle highlights the 'Definitions' tab.

Dialog 3 (Right): Shows the 'Relations' tab. The 'Constraint/Transcodification' section contains a table:

Label	Dictionaries	R.	M.
7CPC	7CPC		X

The 'Relations' tab is also circled in red.

The Windows taskbar at the bottom shows the Start button, system tray, and open applications: C:\ETWin, Microsoft PowerPoint..., Eurotrace - MWDOMAIN, and Document1 - Microsof...

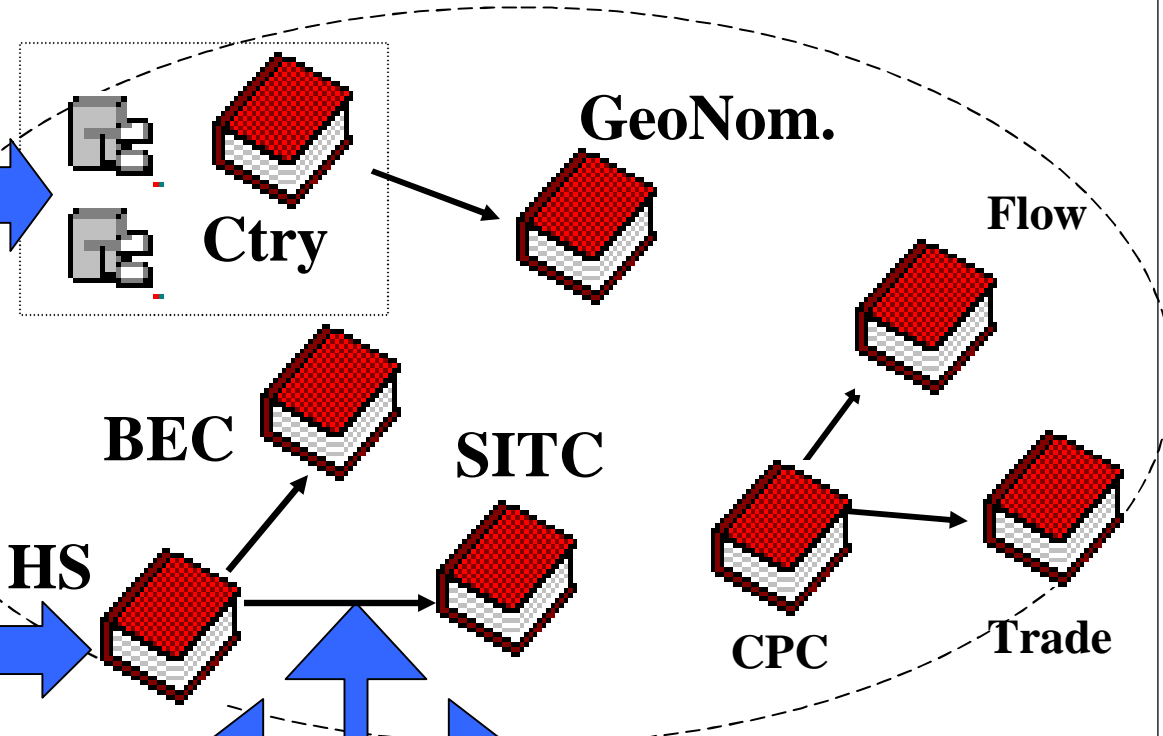
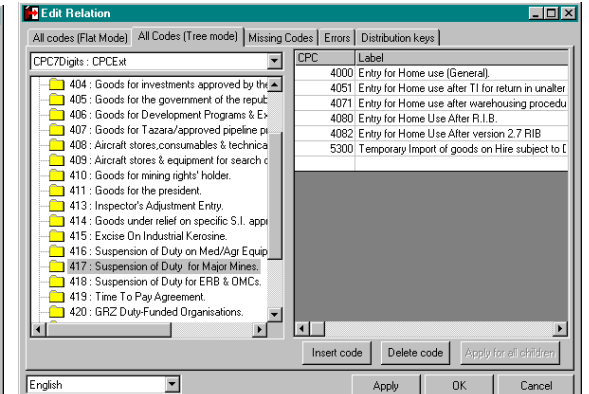
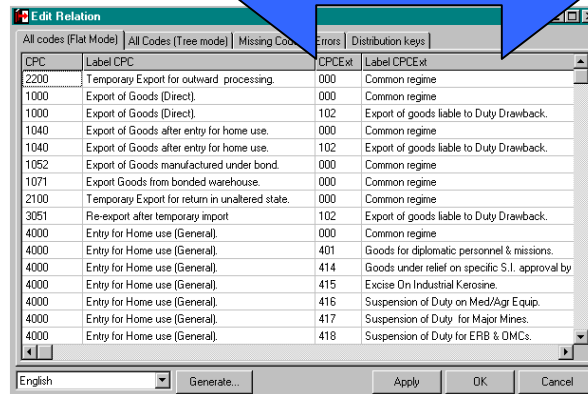
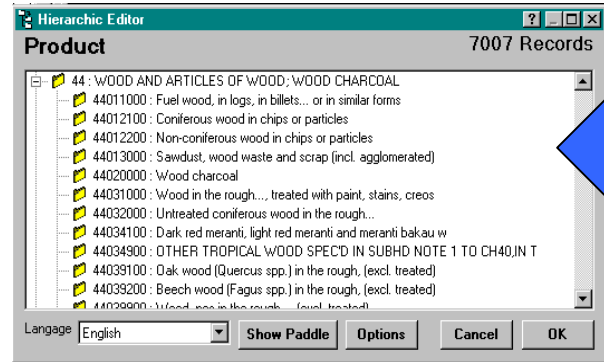
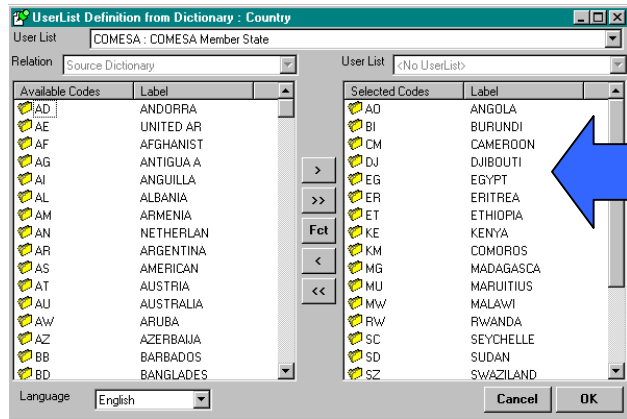
Relations : HS → SITC/BEC

Definition:

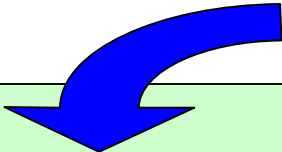
- **Based on the international UNSD HS6 → SITCR3/BEC**
- **Assuming no deviation from international codes!!**
- **All national codes at HS8 ending in 00 already have a link**
- **Work on ALL national HS8 codes not ending with 00 in 7th and 8th positions**
- **Compare HS8 descriptions with SITC descriptions!!**
- **Import relation in Eurotrace.**
- **Keep updating relation whenever new HS8 codes are added!!**

Classification Plan

Managing Nomenclatures and Relations

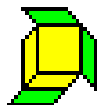


Source Data



Eurotrace DOMAIN

Dataset Source



Definition



Classification Plan



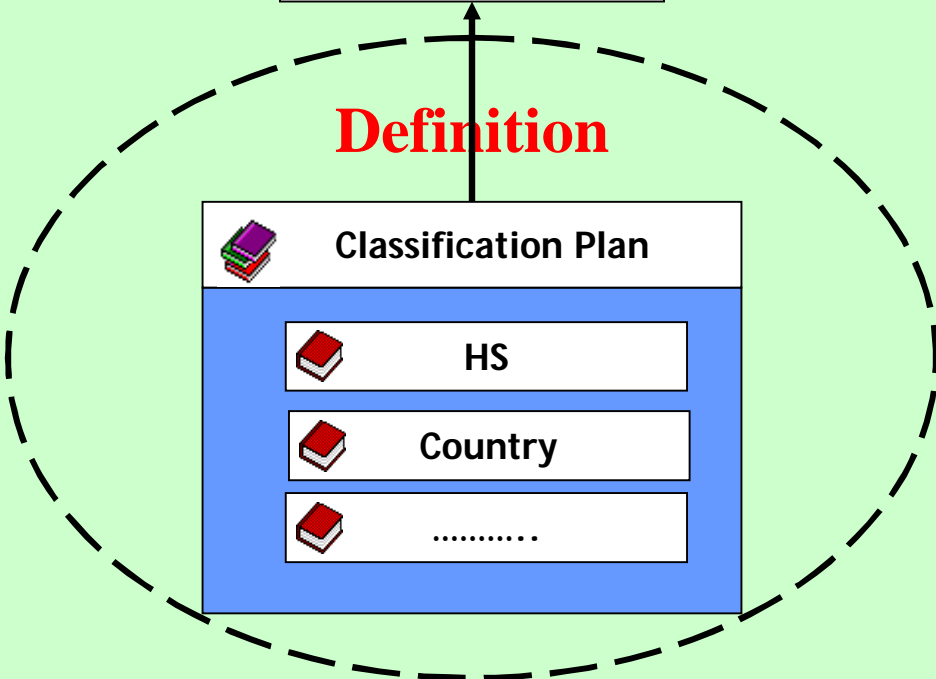
HS



Country



.....



Dataset Definition Interface

DataSet Definition of Declaration : Declaration DataSet (Read-Only) [?] [X]

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

Code: 98 Year

Label: Year of Declaration

Memo:

Year Structure

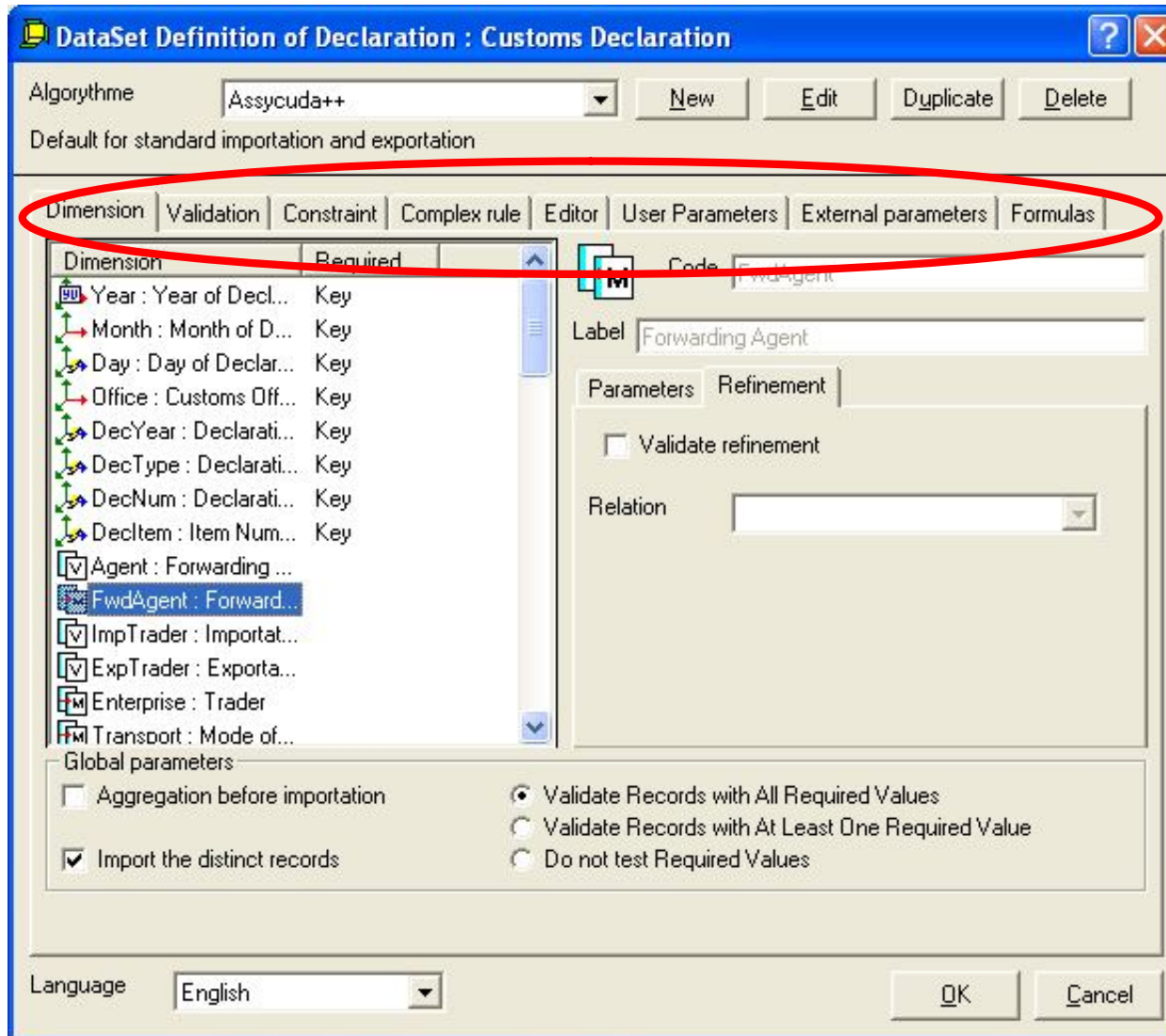
From: 1995 To: 2001

Type: Numeric Size: 2

19?? Start: 1970

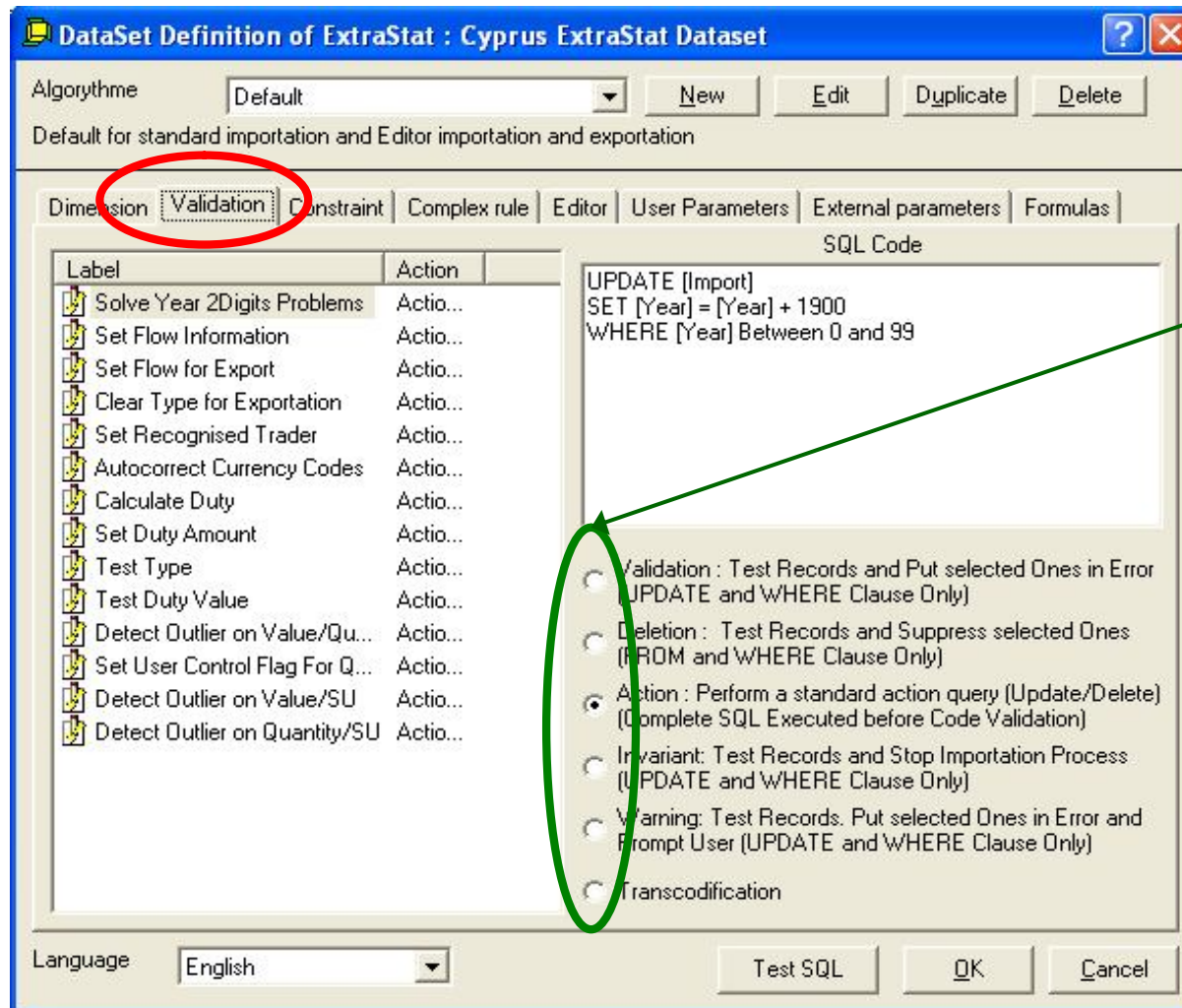
Cancel OK

Dataset Validation



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

Validation tab



6 types of rules supported:

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

Algorithms

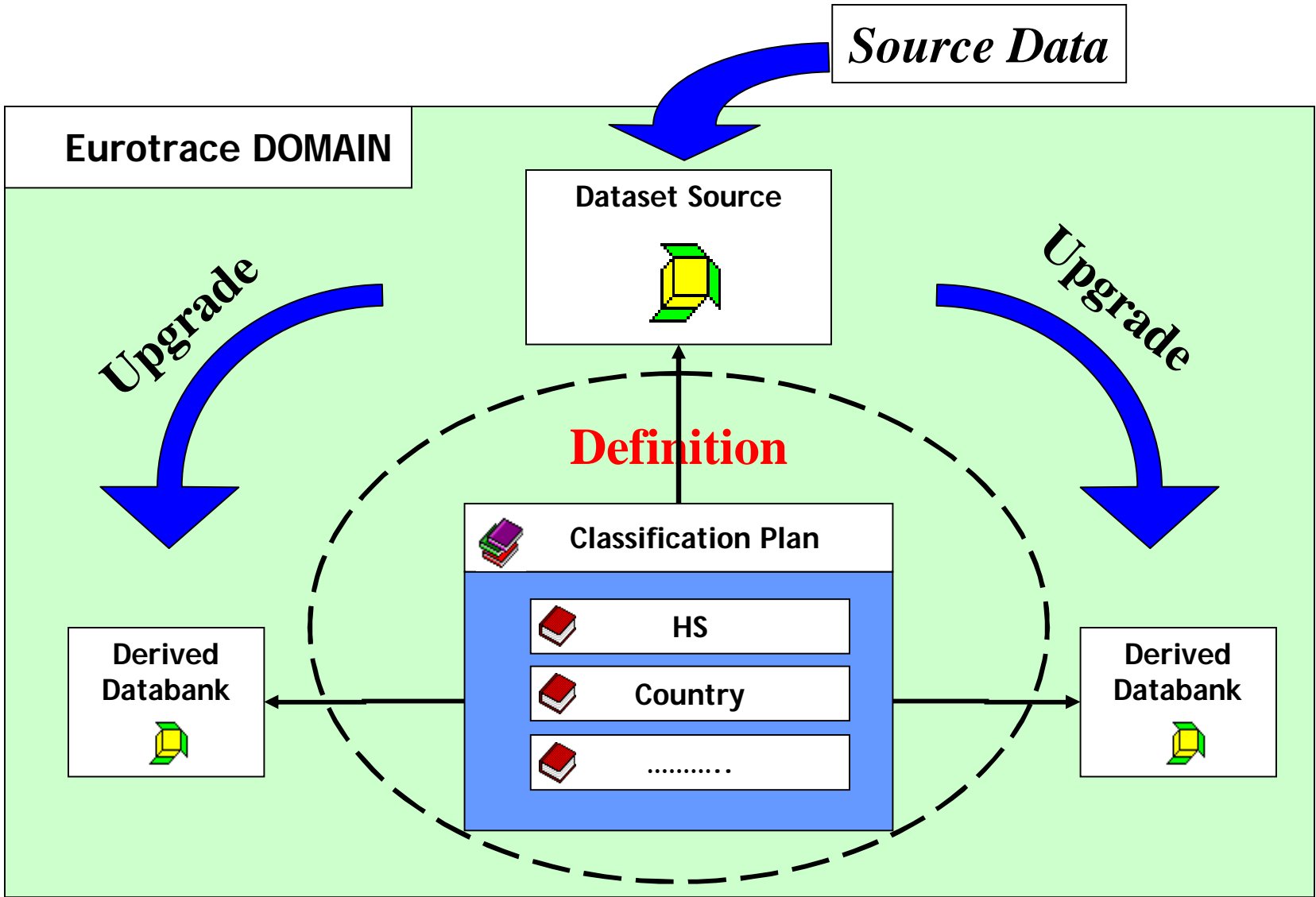
Definition:

Algorithm – A set of validation rules set and applied to a dataset at importation, exportation to the Editor and also Re-importation from the Editor

Common Algorithms:

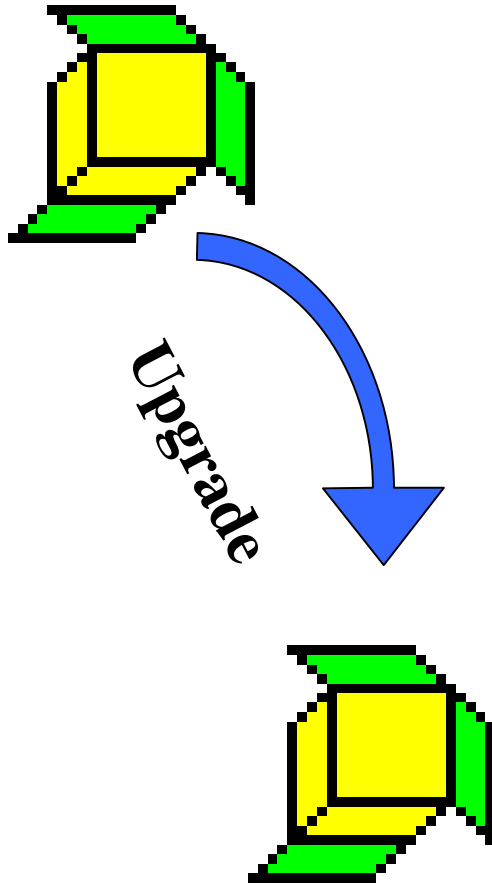
- **Asycuda++**
- **Asycuda 2.7**
- **Eurotrace DOS**
- **External File**

Exportation to the EUROTRACE Editor



Derived Dataset Management

Derived Dataset



2. Simple Interface to Upgrade Derived DS

a. Selecting of Period to be updated

b. Global control on Data Maintenance

b. Codes Filter & Correlation Tables

Data Upgrade Wizard

You're trying to Upgrade Data for :
Regional : Regional Stat by card

From
ExtraStat : ExtraStat Dataset

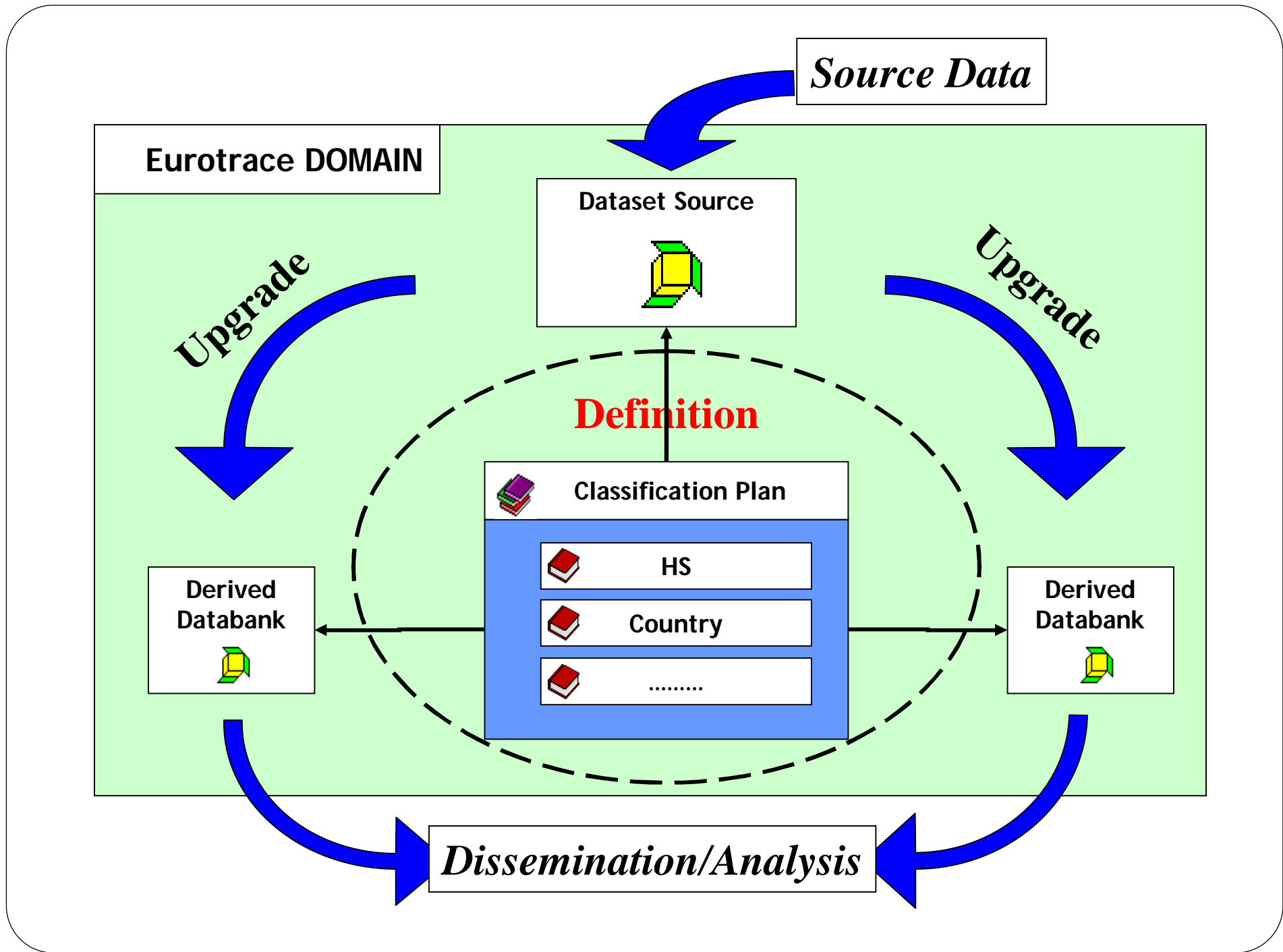
Data Upgrade Wizard

Import Wizard

	New Data	Update Data	UnSelected			
	Deleted Data	Up to Date Data				
	2000	1999	1998	1997	1996	1995
January	45706 Rec.	46443 Rec.				50285 Rec.
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
1st Quarter						

Clear Previous Derived when importing empty Data Set (Double-Click to Select/Unselect different Operation to Upgrade)

Cancel Upgrade



COMEXT Stand-Alone

**A common Interface for Data
Dissemination**

Comext Stand alone Spreadsheet

Product

CODE	LABEL
✓ total	

Flow

CODE	LABEL
✓ 1	Import
2	Export

Year

CODE	LABEL
✓ 2005	

Indicators

CODE	LABEL
	NetWeight Net Weight
✓ Value	Value for statistics

Period	January	February	March	April	May	June	July	August	September	October
PartnerC										
UNITED ARAB EMIRATI									13006.920	
AFGHANISTAN				2500.000						
ALBANIA	112760.790	23577.500	40186.120	20122.070	13950.000	49579.260	1406212.250	12866.060	178377.590	37336.120
ARGENTINA		2100.000	6029.400		27417.980					
AUSTRIA	67513.280	353002.240		424732.180	47902.380	57506.300	705904.120	30815.060	84726.230	3563.500
AUSTRALIA	5200.400									
BOSNIA AND HERZEGO	56713.020	36093.030	52416.480	19331.570	61409.650	22560.210	520194.400	16056.900	38381.430	21860.600
BANGLADESH							6930.200			
BELGIUM		16149.900	29065.640		100.000	3391.130	224010.790	8891.920	7810.000	20050.260
BULGARIA	57072.820	57601.250	171575.470	37943.690	61142.510	123491.210	1109315.410	97564.450	122148.490	12879.290
BRAZIL	47907.750	37003.980		11604.490		57619.580	182940.570		9751.200	
BAHAMAS							1506.620			
CANADA							730.560			
SWITZERLAND	34614.200	354392.900	37911.190	70354.080	32569.870	34886.960	938140.230	121647.940	299110.560	26782.780
CAMEROON	6056.560									
CHINA	161986.040	178589.180	67378.200	88866.590	146495.910	132968.540	2243613.850	262981.930	133407.250	122933.680
COLOMBIA							1209.360			1192.600
COSTA RICA							328.120	395.500		
CYPRUS							120529.200			
CZECH REPUBLIC	36435.700	1756.610	24668.000	1295.680	156372.940	58060.220	195879.730	46726.660	79112.760	55.800
GERMANY	289701.820	281307.050	97808.520	274384.310	703148.770	620146.420	5754411.950	461056.140	135696.270	198931.250
DENMARK			9959.890		1045.490		25692.940			4011.990
ALGERIA										
ECUADOR	11788.750	5731.000	9677.990	16612.250	8515.490	5731.000	16330.000	2760.000		

For Help, press F1 Server ●

Design
your table

Export into
Excel

Apply
advanced
functions

Comext Stand alone
Defining aggregates

Common/Standard Aggregates:-

- ❑ **AllProduct – aggregate for all products**
- ❑ **World – aggregate for all countries**
- ❑ **AllGeneral – aggregate for General Trade system**
- ❑ **TotalExport – aggregate for Total Exports (E+R)**
- ❑ **COMESA/SADC – aggregate for COMESA/SADC**

EUROTRACE



with the COMEXT browser

Thank you