

SUMMARY OF DISTRIBUTION FUNCTIONS



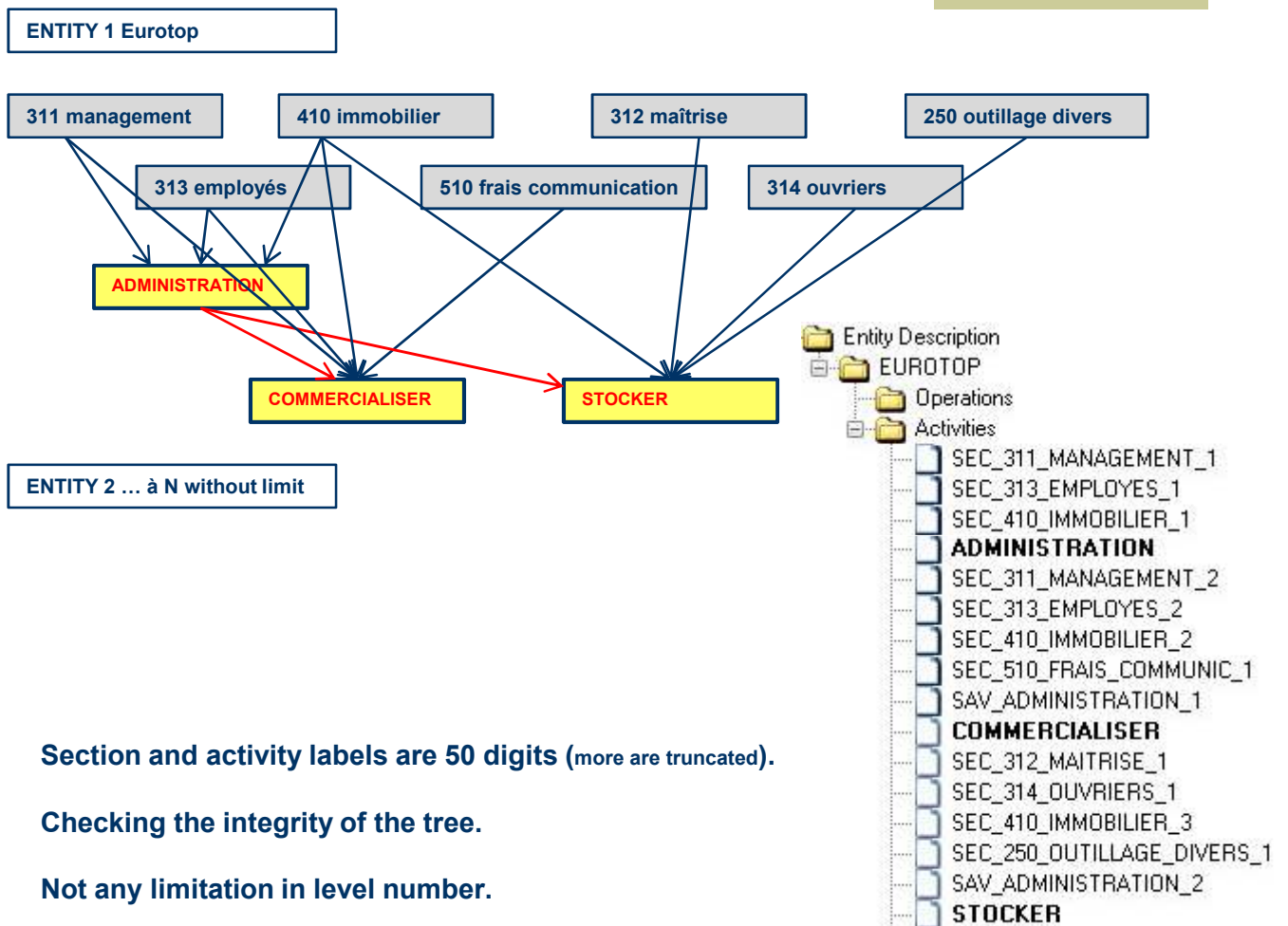
introduce in a few pages the distribution functions available.

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COST DISTRIBUTION FROM SECTION OVER ACTIVITIES.

COST DISTRIBUTION FROM ACTIVITY OVER OTHER ACTIVITIES.



Section and activity labels are 50 digits (more are truncated).

Checking the integrity of the tree.

Not any limitation in level number.

As many trees as entities included in one model

Trees and distribution coefficients are entered manually or generated automatically by import from external file.

The links between nodes are managed automatically in the form of pseudo activities SEC_section and SAV_activity including their allocation factor.

Tracking and analysis performed on the genesis of the cost of a node or any level tree.

Presentation and training:

[Resolution_eurotop_1e.pdf](#)
[Automatic_generation_1.pdf](#)



COST DISTRIBUTION OF ACTIVITIES ACCORDING TO THE CONSUMPTION OF THEIR UNIT OF WORK

The process brings together two files on the Common key ENTITY, PERIOD, ACTIVITY :
(for instance PARIS, 2009, TRANSPORT)

The file cost consists of a single line per key. The column ACTIVITY_COST contains the corresponding cost for each key

PARIS 2009 TRANSPORT	12500
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The second file consists of lines that can be keyed alike. The column ACTIVITY_VALUE contains the consumption of unit of work.

PARIS 2009 TRANSPORT	24.25
PARIS 2009 TRANSPORT	25.75

The distribution calculation is:

1. by summation of the second file-key to calculate the amount of work units consumed, here 50.00
 2. by calculating for each key the unit cost of the work unit (Cost / Sum of work units), so $12500 / 50 = 250$
1. value each line of the second file by the unit cost

PARIS 2009 TRANSPORT	$24.25 * 250 = 6062.50$
PARIS 2009 TRANSPORT	$25.75 * 250 = 6437.50$

NB: PERIOD column is optional. If costs are given without period, they are spread over the second file , no matter the contents of period.

Presentation and training:

[Resolution_eurotop_2e.pdf](#) (from page 12)

[Repartition_simple_de_couts.pdf](#) (distribution between two external files)

[Cout_comme_uo.pdf](#) (when an activity cost becomes a unit of work for the allocation of the cost of another activity)



CREATION OF A COEFFICIENT OF DISTRIBUTION BETWEEN THE LINES OF A FILE

USE OF VARIABLE SUM_variable_name

The variable sum_ (here sum_qty_by_client) is a consolidation of one variable (here quantity_init) by one or more criteria (here client_code).

Taken as units of work, coefficients (quantity_init / sum_qty_by_client) are a means of cost distribution.

Client Code	Quantity Init	Sum Qty By Client
CLIENT_1	2100,000	2380,000
CLIENT_2	1400,000	1900,000
CLIENT_4	1800,000	2100,000
CLIENT_5	1400,000	1400,000
CLIENT_BE	120,000	120,000
CLIENT_DE	100,000	2100,000
CLIENT_CH	1870,000	1870,000
CLIENT_1	280,000	2380,000
CLIENT_2	500,000	1900,000
CLIENT_3	1620,000	1620,000
CLIENT_4	300,000	2100,000
CLIENT_DE	2000,000	2100,000
CLIENT_LU	600,000	600,000

Presentation and training:

Resolution_eurotop_2e.pdf pages 7 and 9

USE OF VARIABLE DECODE

The variable Decode can associate a numeric value to each value of a variable (here client_code). It is also a mean of cost distribution.

CLIENT_1	20
CLIENT_2	12
CLIENT_3	8
CLIENT_4	5
CLIENT_5	3
CLIENT_BE	15
CLIENT_DE	12
CLIENT_CH	15
CLIENT_LU	10
	100%

Presentation and training:

Resolution_eurotop_2e.pdf pages 6 and 9



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