Course Elements: Classifiers and Data Domains

Concepts

A number of elements offer parameters linked to modifiable term lists. These lists are called “classification domains”.

Domains can be used for two main purposes:

- **categories**: make it possible to file into a hierarchical taxonomy.
- **filters**: make it possible to filter the results of a selection in a hierarchical taxonomy or to offer a closed selection of an attribute.

Example of list / filter:

the WORKEFFORT type, used by the “Work to do/Instructions” (WorkToDo) course element, gives the list of possible difficulties for the requested works. It is therefore possible to fully change the number and the labels of effort that will be offered to the learners.

Categories define lists of terms that combine to form a classification. Not all combinations of terms of different levels are necessarily desirable or relevant. **Constraints** make it possible to enable or disable certain data combinations in the classification so as to provide only the relevant combinations.

Categories

Categories have a particularity: they contribute to building a course classification tree, through the Course classification element. Categories are domains that provide all the classification values of the same level (LEVEL0 to LEVELn), whatever the hierarchical combinations that will be used.

Example on a tree with 2 levels 0 and 1:

```
Level 0:                  A                          B
                        /  |  \                    / | \
Level 1:               a    b    c                a   d   e
```

Comment on the example tree: The first level contains two super-categories A and B, each having 3 sub-headings. A sub-heading exists identically (a) in both categories.

With this example, the category lists will be defined as:

```
LEVEL0   = {A, B}
LEVEL1   = {a, b, c, d, e}
```

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