# portefeuilles BUSINESS rules

## relationship beetween portefeuilles

Portefeuille can have a parent-child relationship to keep history. The legal sources of parent-child relation are renaming, splitting (one parent--many children), merging (many parent--one child)

## portefeuille status

Portefeuille status represents the relevancy of a given portefeuille.

### ACTIVE

A portfeuille that isn’t subject to renaming, splitting, renaming.

### EVOLVING

A portefeuille that’s a subject to splitting or merging.

### INCUBATING

A portefeuille that’s a porduct of splitting or merging

### INACTIVE

A portfeuille that’s no longer relevant and only kept for historical reasons

## PORTEFEUILLE LEGAL SOURCE

### CREATION

A portefeuille that was created and has no parent

### RENAMING

A portefeuille that was created after renaming a portfeuille

### SPLITTING

A portfeuille that was created after splitting a parent portefeuille

### MERGING

A portefeuille that was created after merging a two or more parent portefeuille

## portefeuille name

* Only one active portefeuille can have a given name
* Two portefeuille A, B can have the same name iff:
  + A is a parent portefeuille to B;
  + A is EVOLVING and B is INCUBATING;
  + When legal matters get finalized, A become INACTIVE and B become ACTIVE.

## portefeuille CODE

* Only one active portefeuille can have a given code
* Two portefeuille A, B can have the same name iff:
  + A is a parent portefeuille to B;
  + A is EVOLVING and B is INCUBATING;
  + When legal matters get finalized, A become INACTIVE and B become ACTIVE.

## creating a portefeuille

* It must not be null
* It must not have null name/code
* It must not have name/code associated to a portefeuille with status(active, evolving, incubating)

## renaming a portefeuille

* It must not be null
* It must not have null oldName/newname
* It must have an old name that’s associated to an active portefeuille
* It must not have a new name associated to a portefeuille with status(active, evolving, incubating)