

```

1  fmArch150 = FM(FM ( Arch : Ar1 Ar2; Ar1: (Ar3|Ar4); Ar2 : (Ar5|Ar6); )
2  fmPlugin = FM ( Plugin : (P11|P12|P13)+ ; P11 -> P12 ; )
3  fmFull = aggregate { fmArch fmPlugin } withMapping constraints (Ar3 -> P11 ; P12 -> Ar5;
4  renameFeature (root fmFull) as "FtAggregation"
5  // enforced architectural FM
6  fmArch = slice fmFull including fmArch.*
7
8  // let us play with the models
9  configs fmArchEnforced
10
11 // we know by construction that fmArch either a refactoring or a specialization of fmArch150
12 cmp = compare fmArch150 fmArch
13 assert (cmp eq REFACTORING || cmp eq SPECIALIZATION)
14
15 // or, equivalently, that the difference (or complement) bewteen the set of configurations of fmArch150
16 // fmArch and fmArch150 is empty
17 assert (not (isValid merge diff { fmArch fmArch150 } ))
18
19 // we now compute the difference bewteen the set of configurations of fmArch150 and fmArch
20 // fmArch150Removal is an FM that compactly represents this difference
21 fmArch150Removal = merge diff { fmArch150 fmArch }
22 if (compare fmArch fmArch eq SPECIALIZATION) then
23     println "configurations removed from fmArch150=" configs fmArch150missing
24 else
25     // refactoring
26     println "configurations of fmArch150 have not been modified"
27 end
28

```