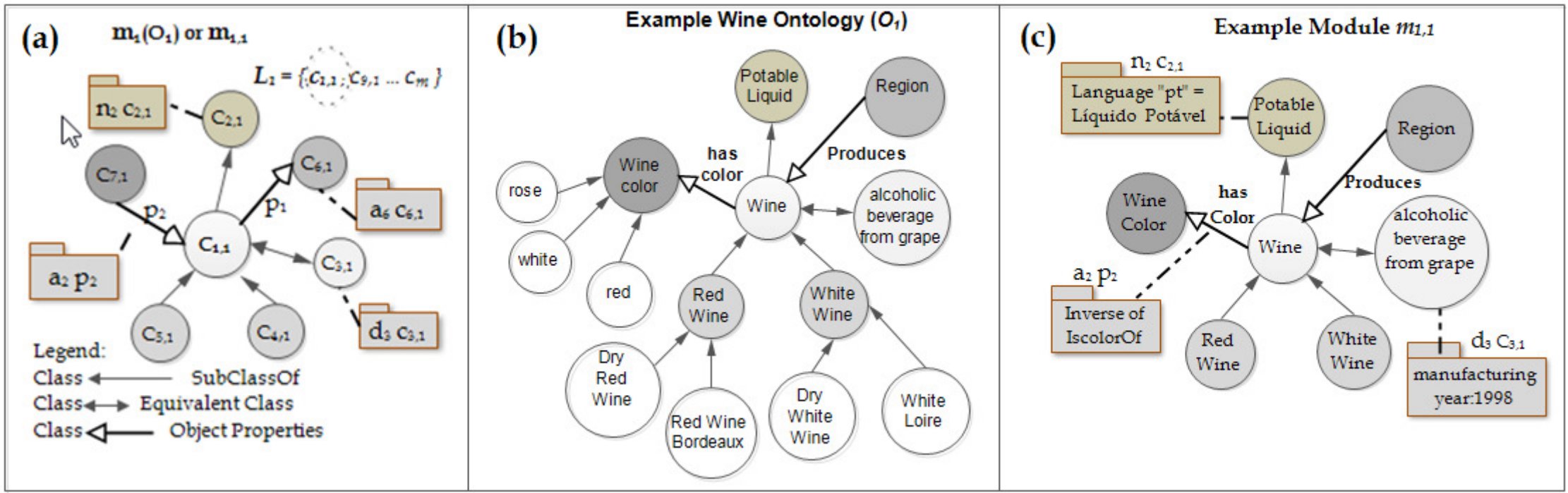
(a)
m1(O1) or m1,1
L1 = {c1,1 ; c9,1 ... cm }
n2 c2,1
c2,1
c7,1
c6,1
a6 c6,1
p2
p1
c1,1
a2 p2
c3,1
c5,1
c4,1
d3 c3,1
Legend:
Class SubClassOf
Class Equivalent Class
Class Object Properties
(b)
Example Wine Ontology (O1)
Potable Liquid
Region
Wine color
has color
Produces
rose
Wine
alcoholic beverage from grape
white
red
Red Wine
White Wine
Dry Red Wine
Red Wine Bordeaux
Dry White Wine
White Loire
(c)
Example Module m1,1
n2 c2,1
Language "pt" = Líquido Potável
Potable Liquid
Region
Wine Color
has Color
Produces
Wine
alcoholic beverage from grape
a2 p2
Inverse of IscolorOf
Red Wine
White Wine
d3 c3,1
manufacturing year:1998