

Sesión 13 y 14

**Metamodelo de casos de uso
y diagrama de actividades**

Unidad 3

**Modelado del comportamiento
dinámico del sistema**

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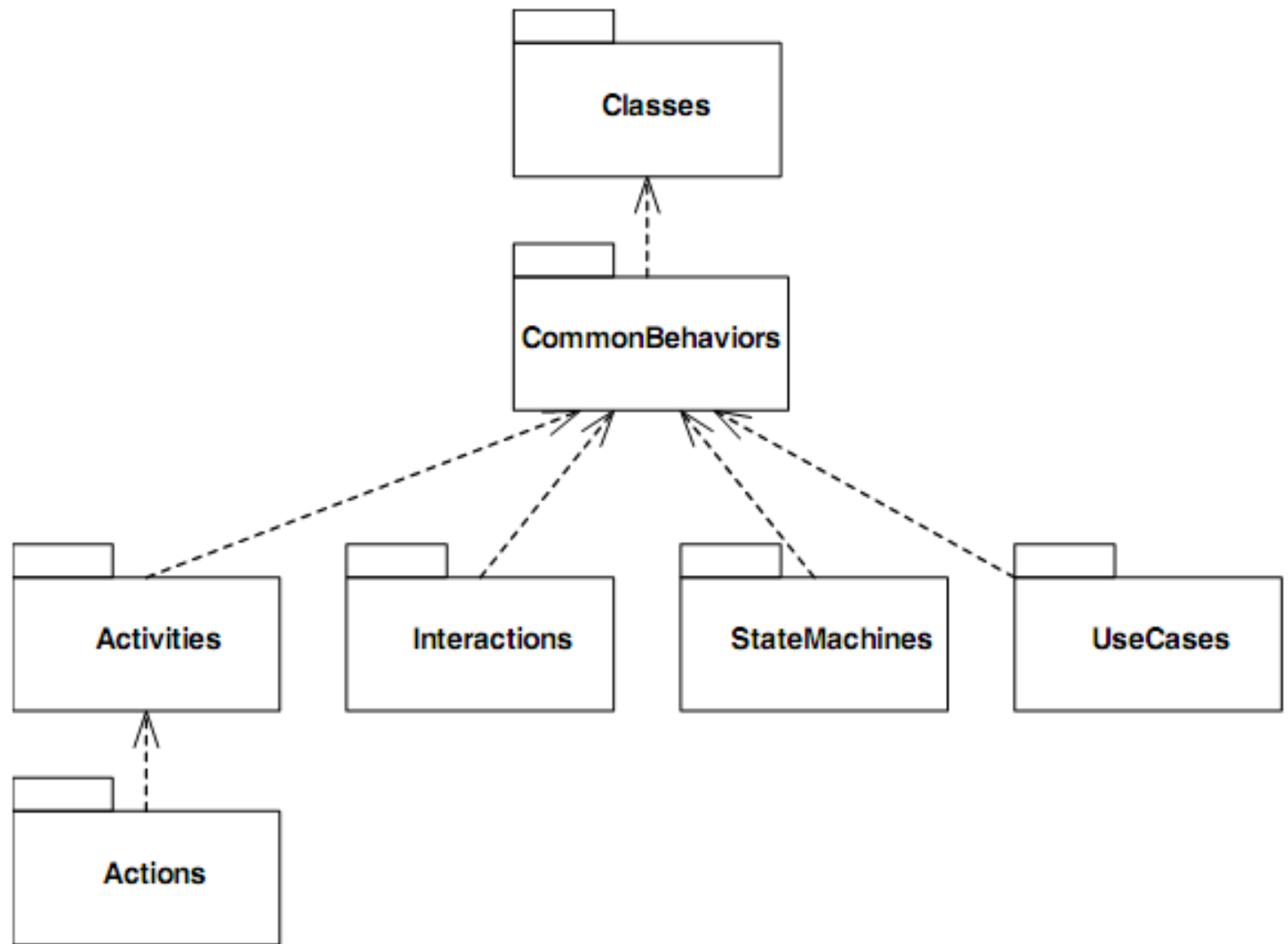


FIGURE 2.80 Packages for dynamic modeling in the metamodel.

Metamodel

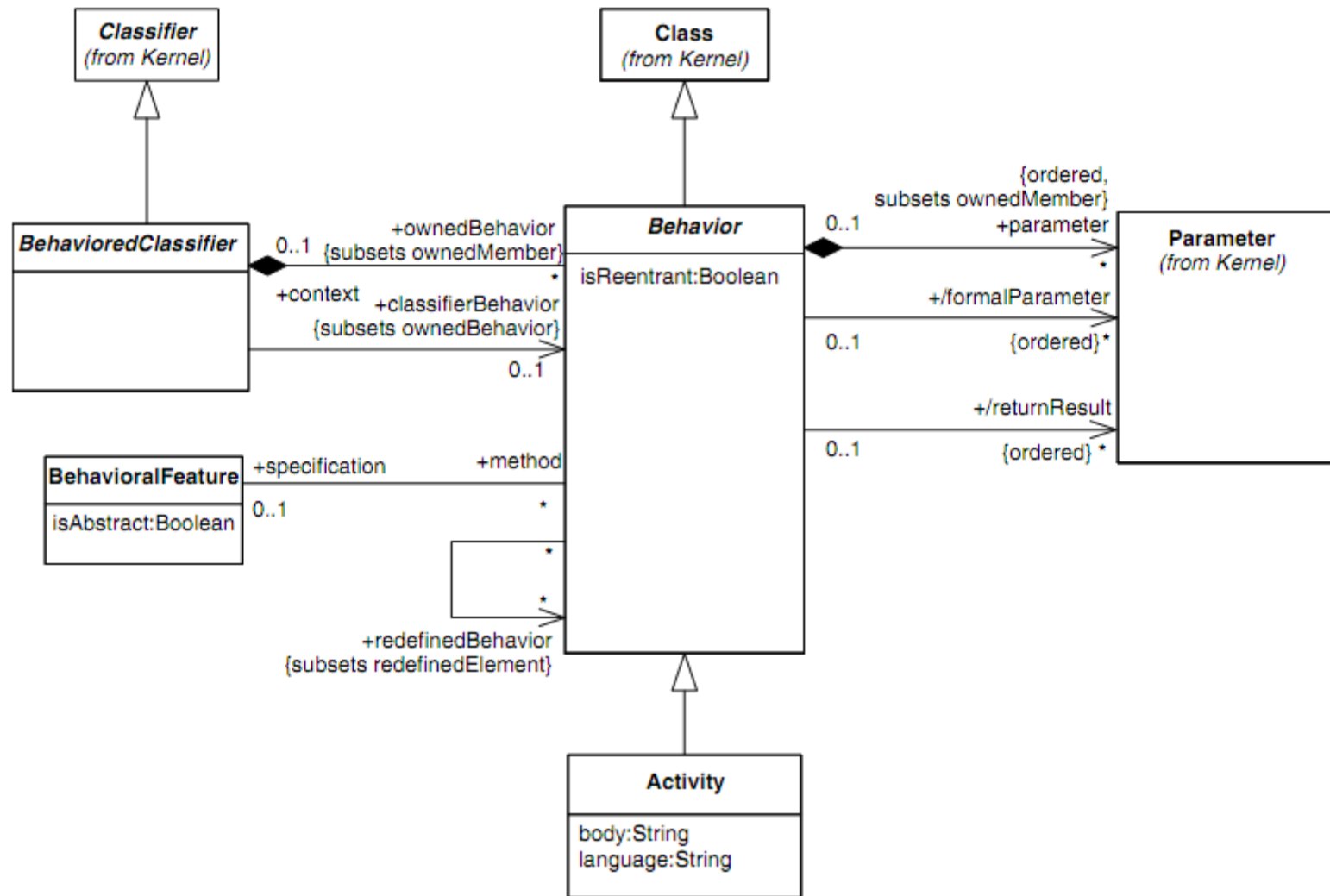


FIGURE 2.81 The metamodel for basic behavior.

METAMODELO DE DIAGRAMA DE CASOS DE USO

Metamodel

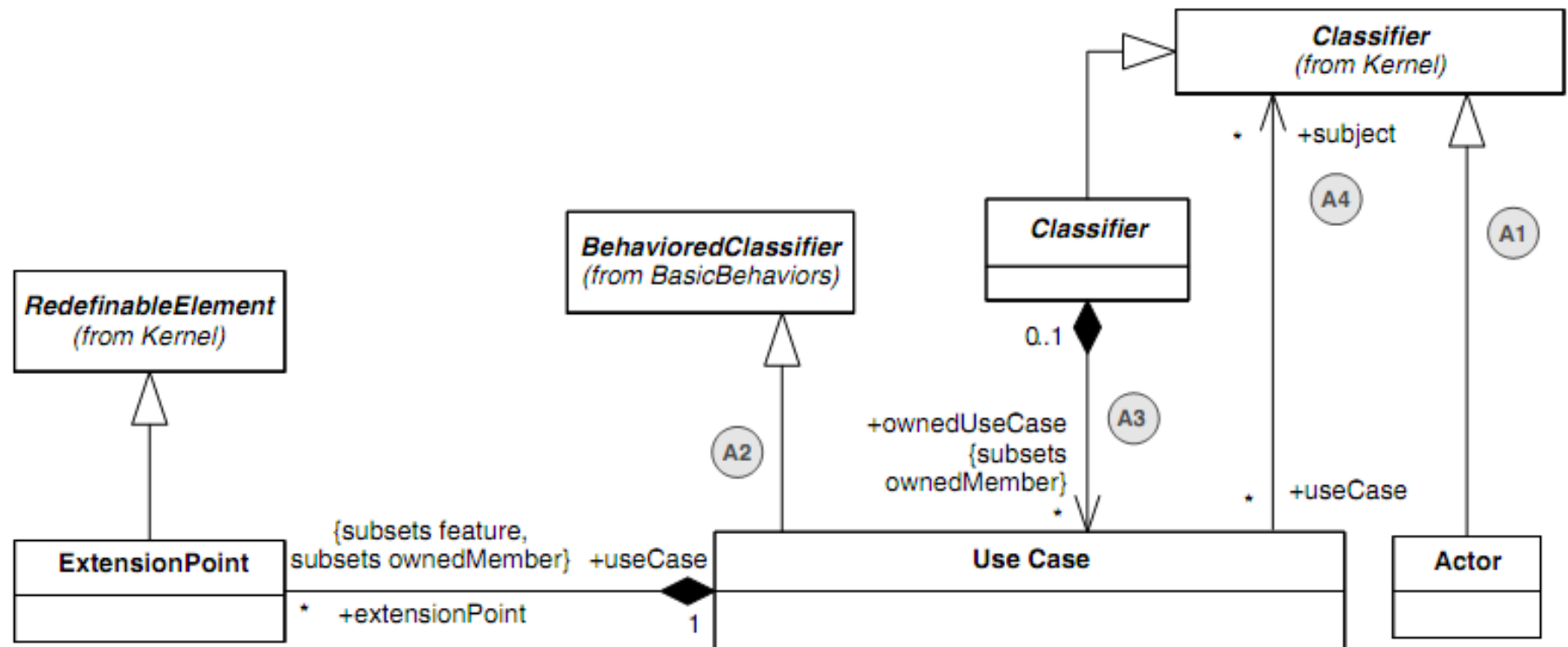


FIGURE 2.122 The metamodel for use cases and actors.

Metamodelo de Casos de Uso

- Un actor en el metamodelo es un clasificador especial
- Un caso de uso es un clasificador especial(un clasificador de comportamiento)
- Un caso de uso puede pertenecer a un clasificador(no necesariamente tiene que ser el mismo clasificador)

Metamodel

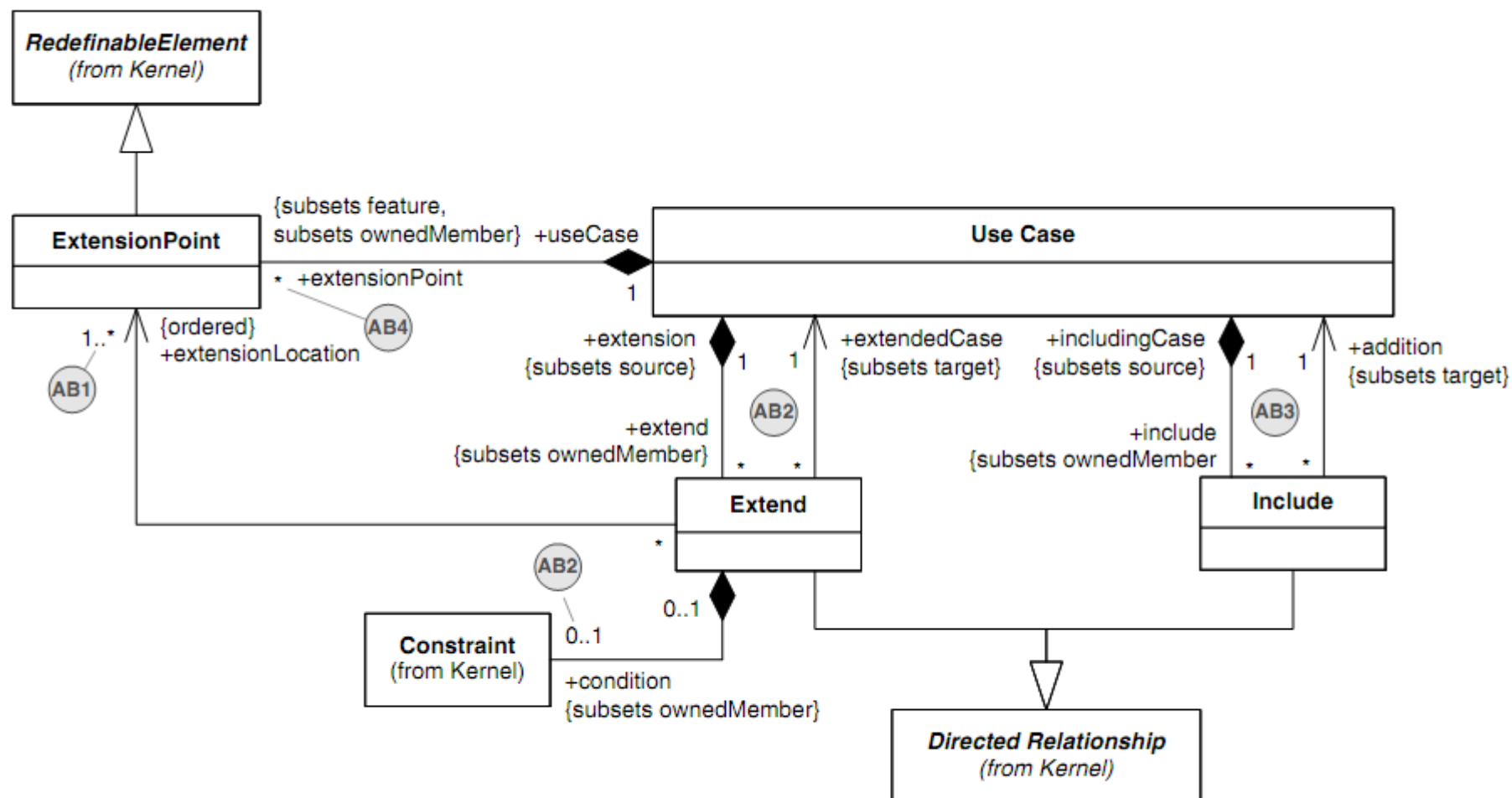


FIGURE 2.126 The metamodel for use case relationships.

Metamodelo de Casos de Uso

- Un caso de uso puede definir un número arbitrario de puntos de extensión
 - Si no especifica ninguna condición, entonces la extensión siempre se producirá

METAMODELO DE DIAGRAMA DE ACTIVIDADES

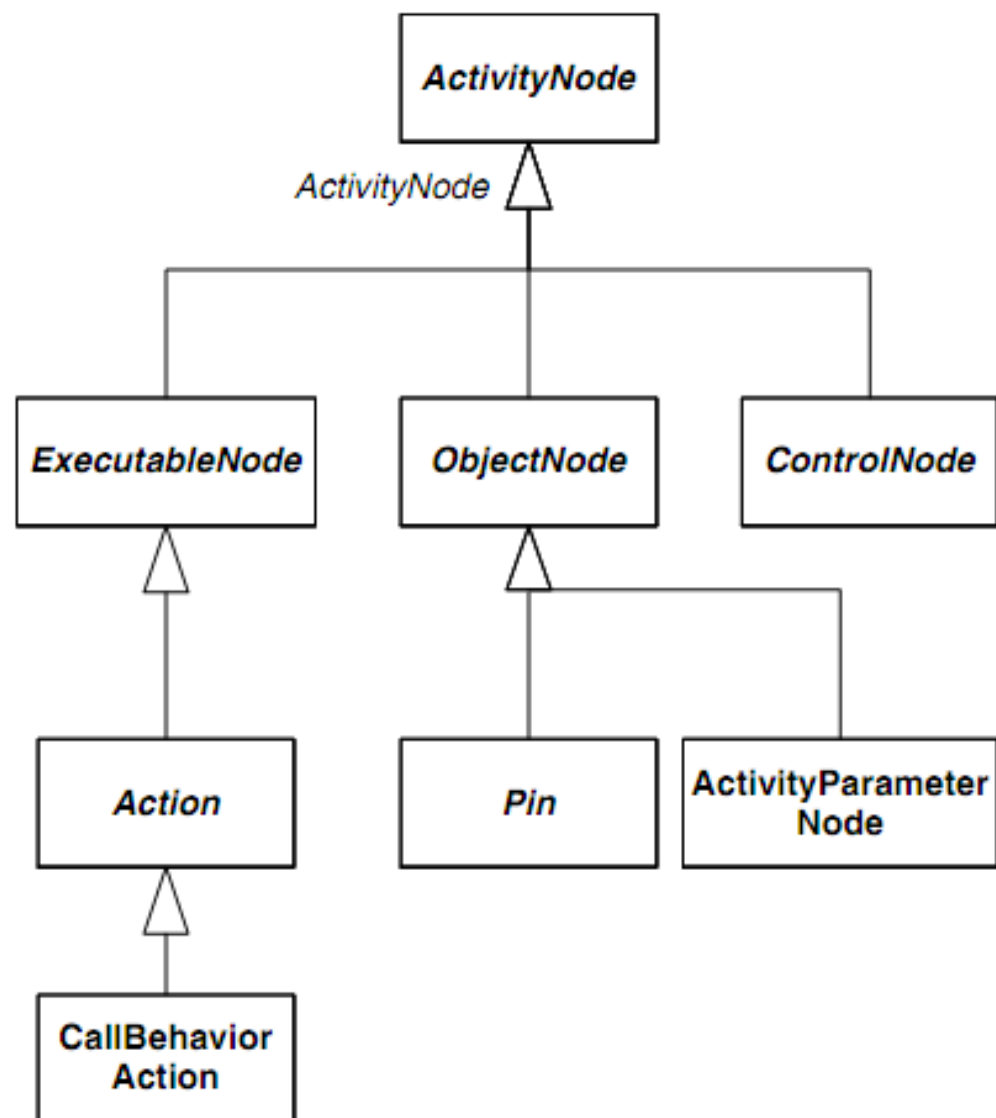


FIGURE 2.87 Types of activity node.

Metamodel

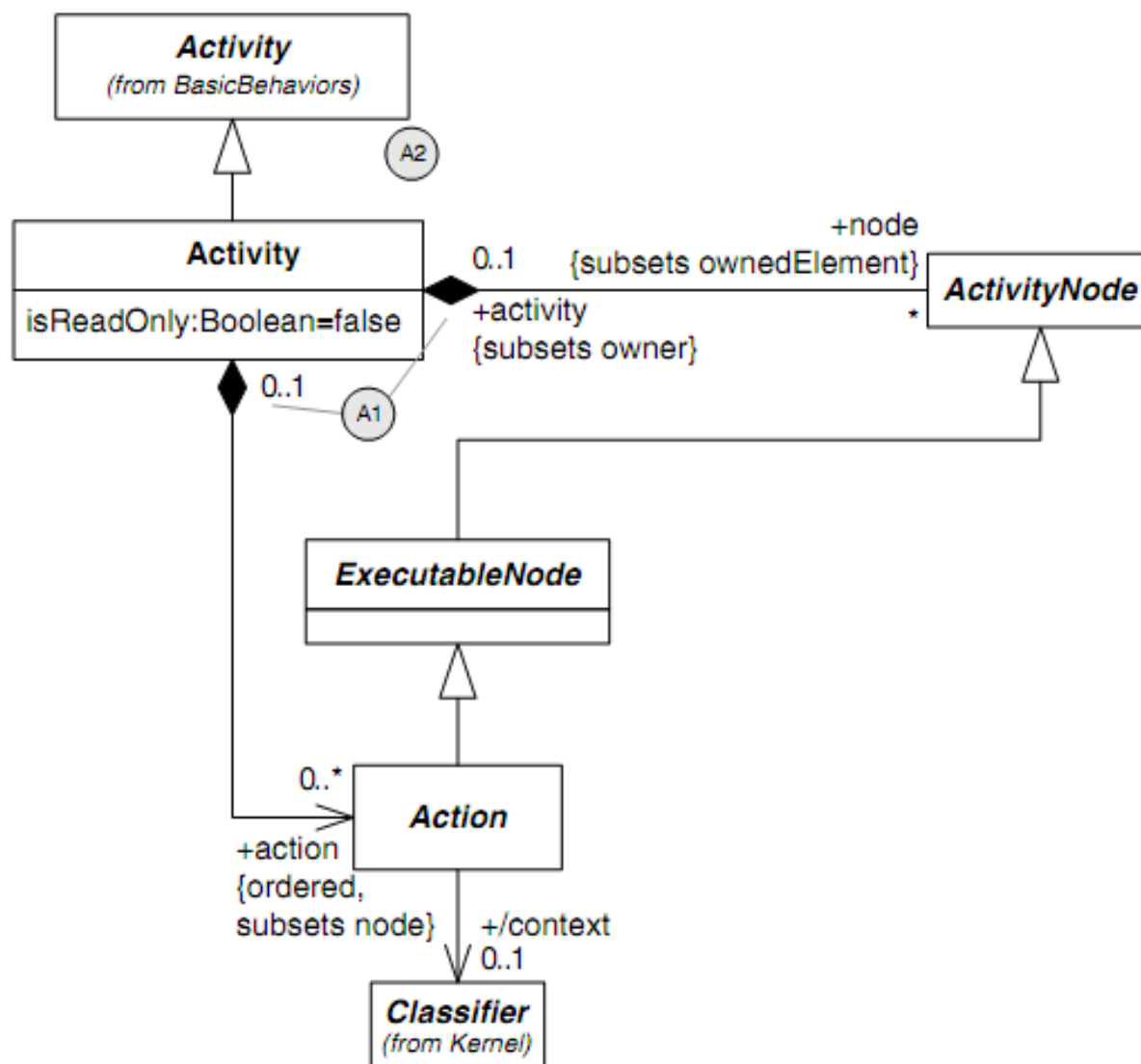


FIGURE 2.88 The metamodel for activities.

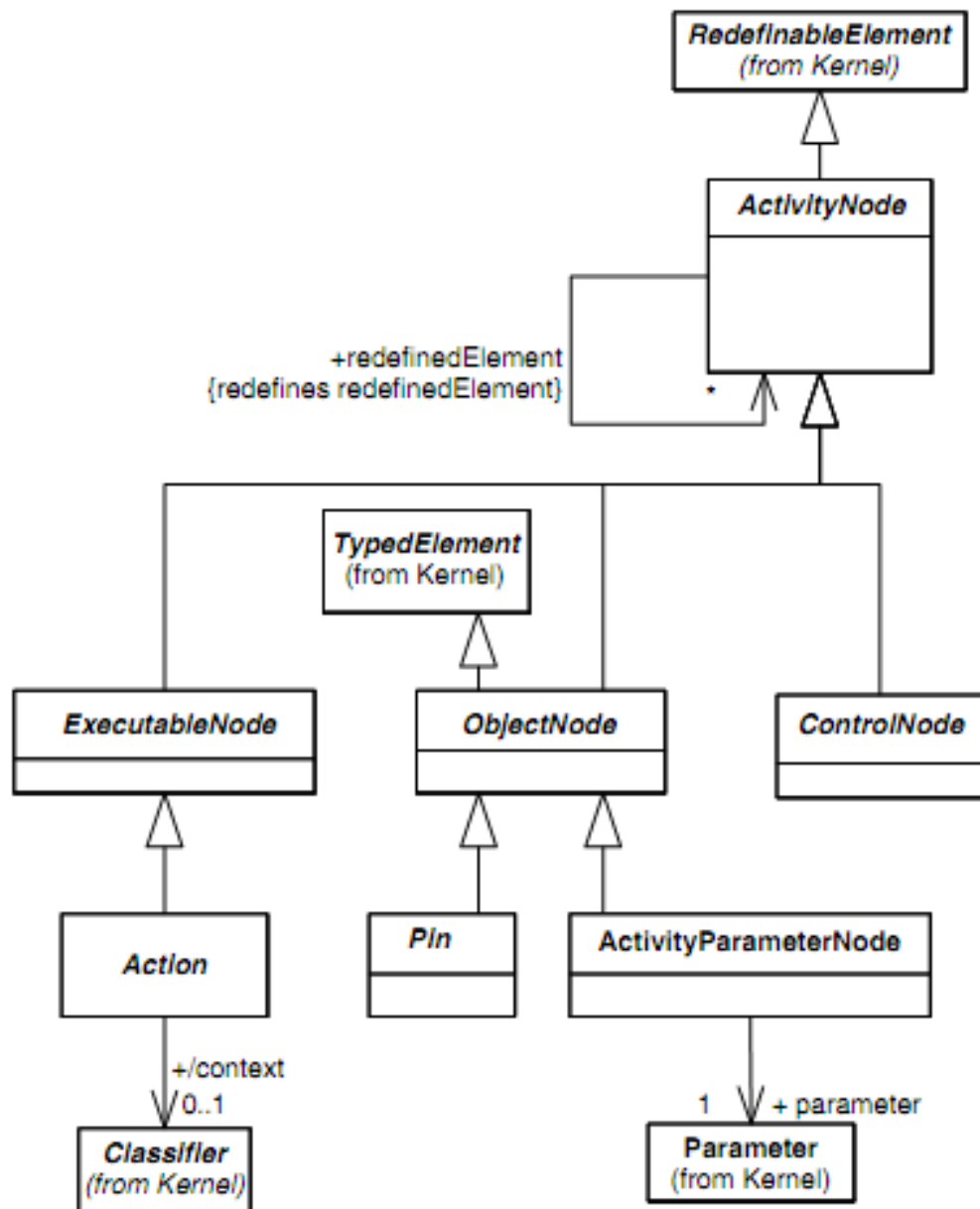


FIGURE 2.89 The metamodel for activity nodes.

Metamodel

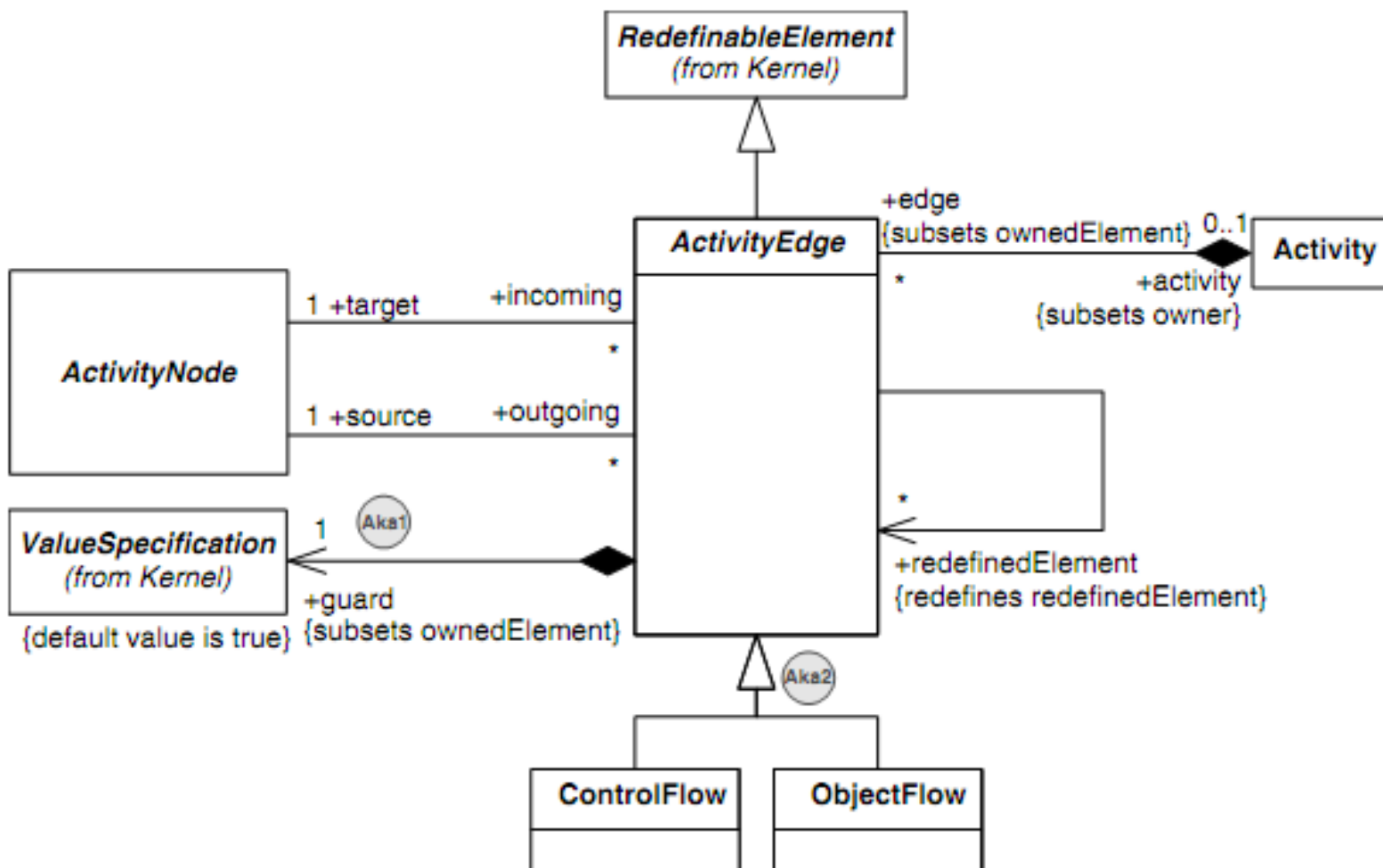


FIGURE 2.93 The metamodel for activity edges.

Metamodel

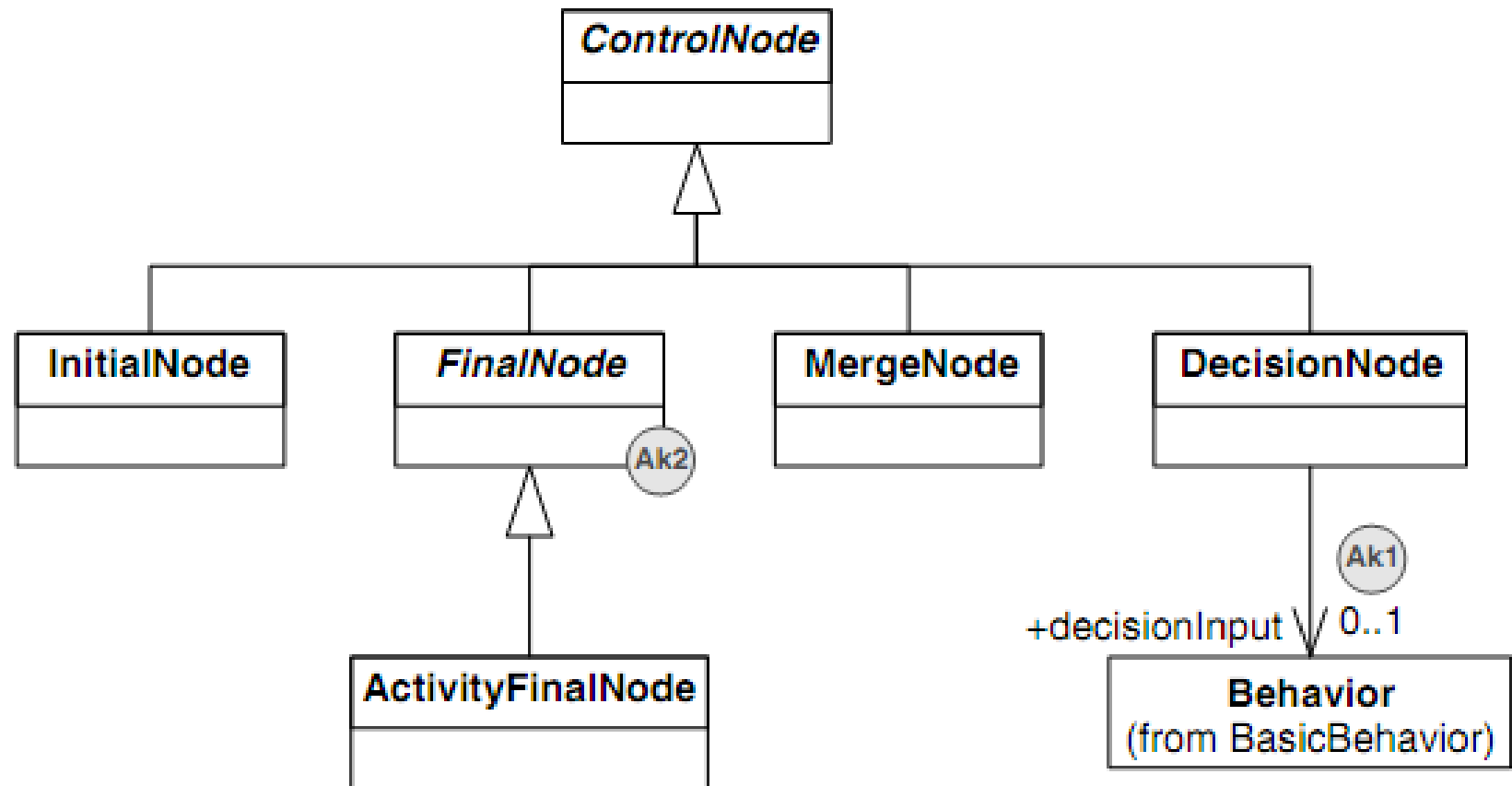


FIGURE 2.96 The metamodel for control nodes.

Metamodel

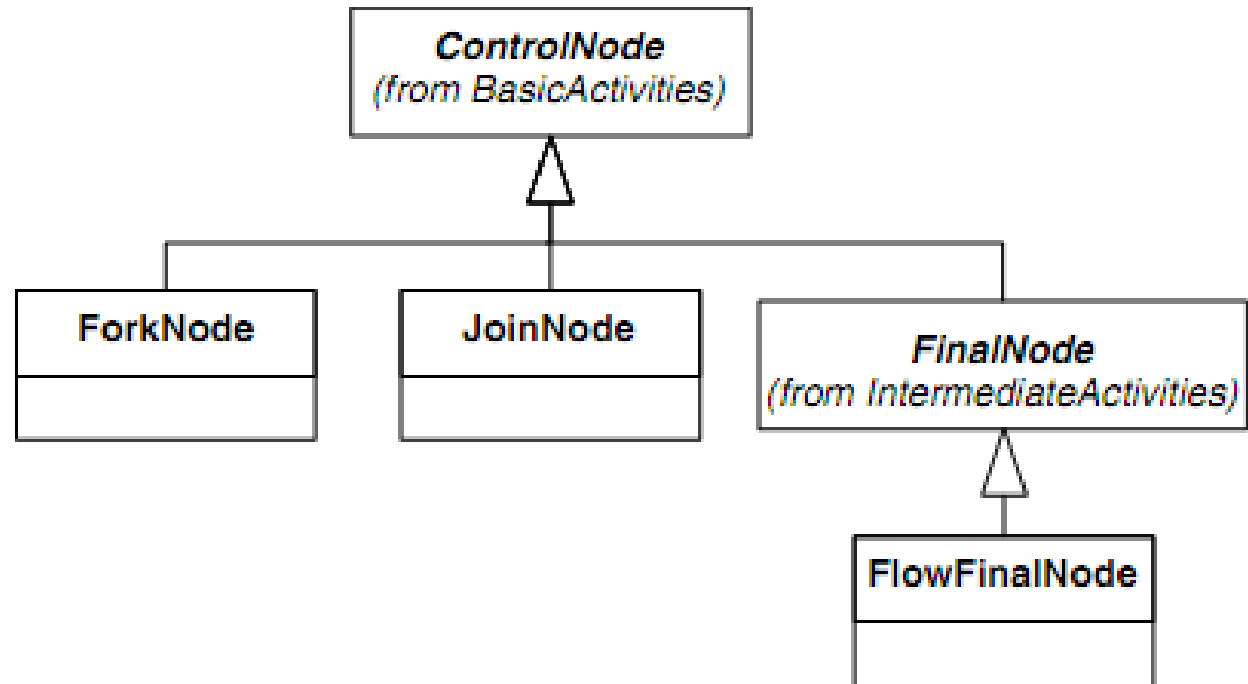


FIGURE 3.117 The metamodel for control nodes.

Metamodel

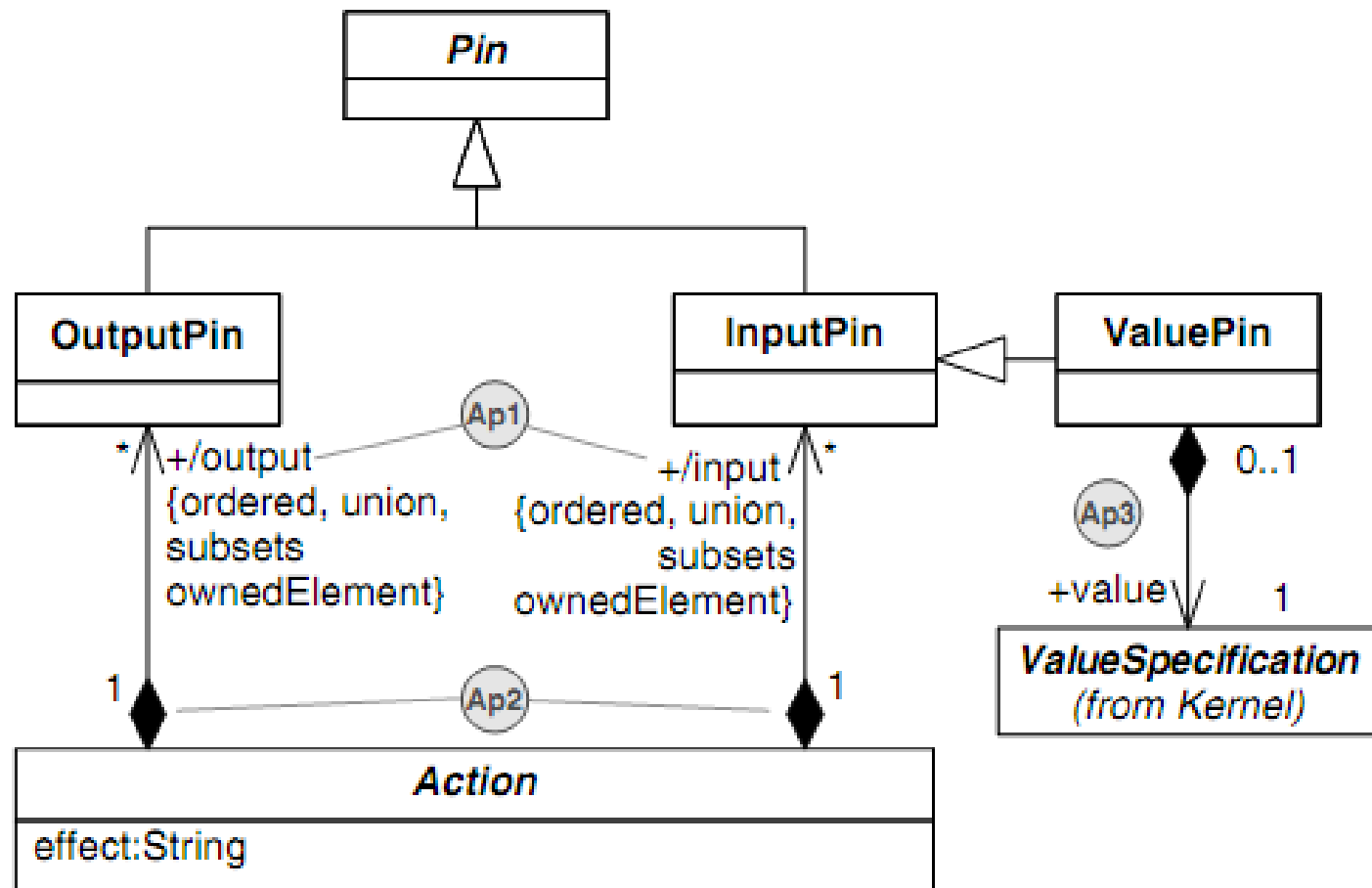


FIGURE 2.103 The metamodel for pins.

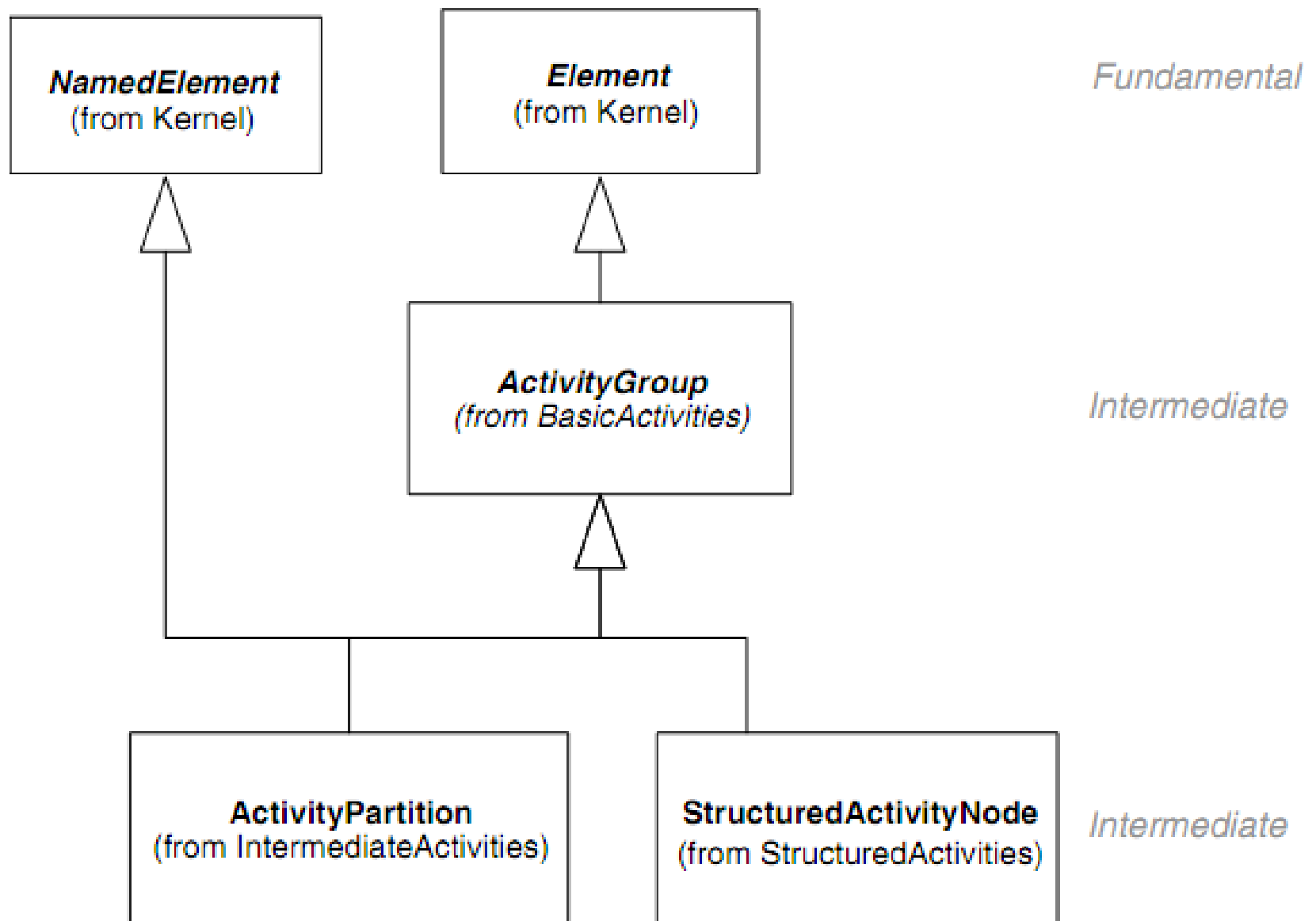


FIGURE 3.118 Overview of partitions.

Metamodel

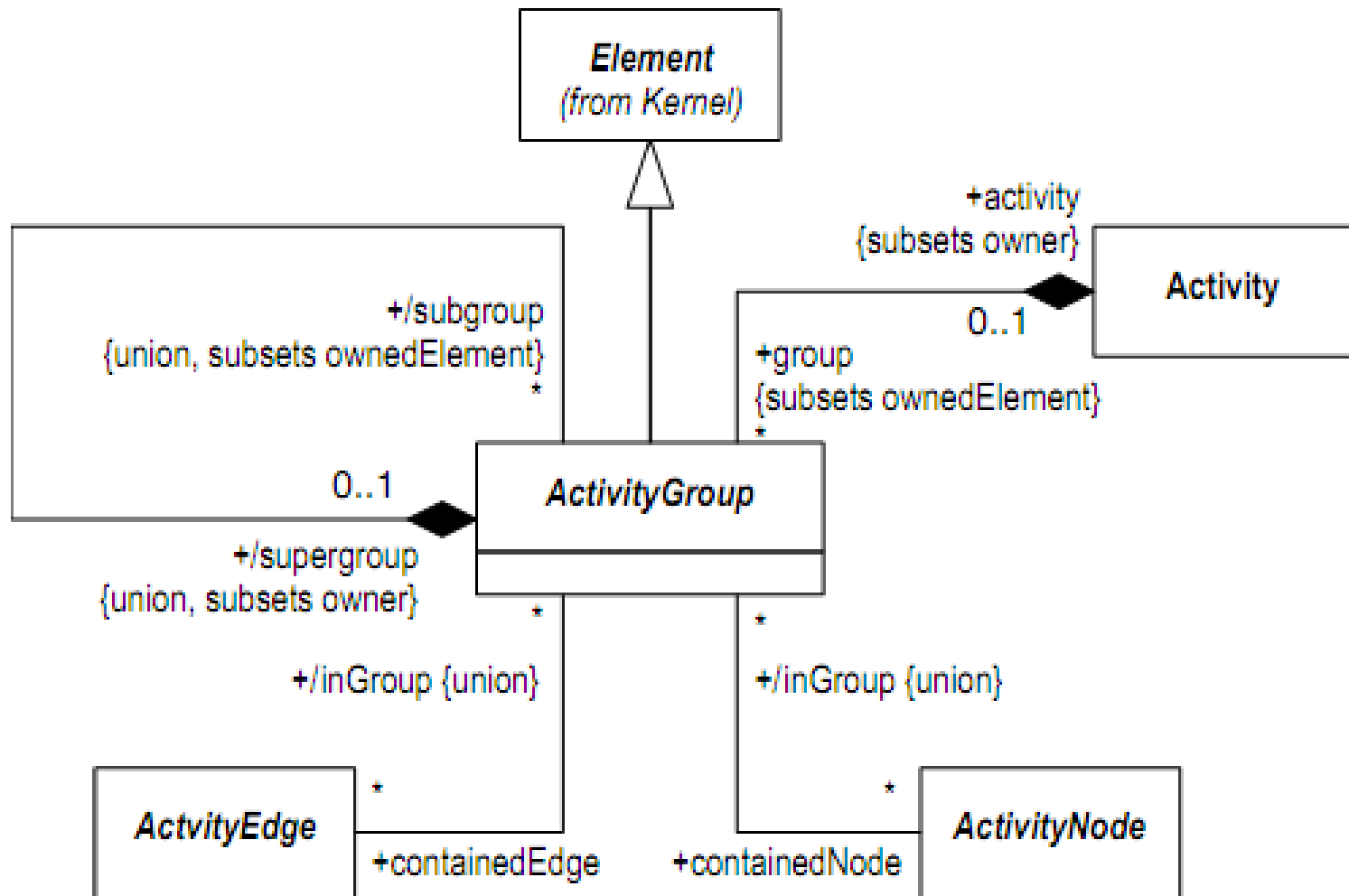


FIGURE 3.122 The metamodel for activity groups.

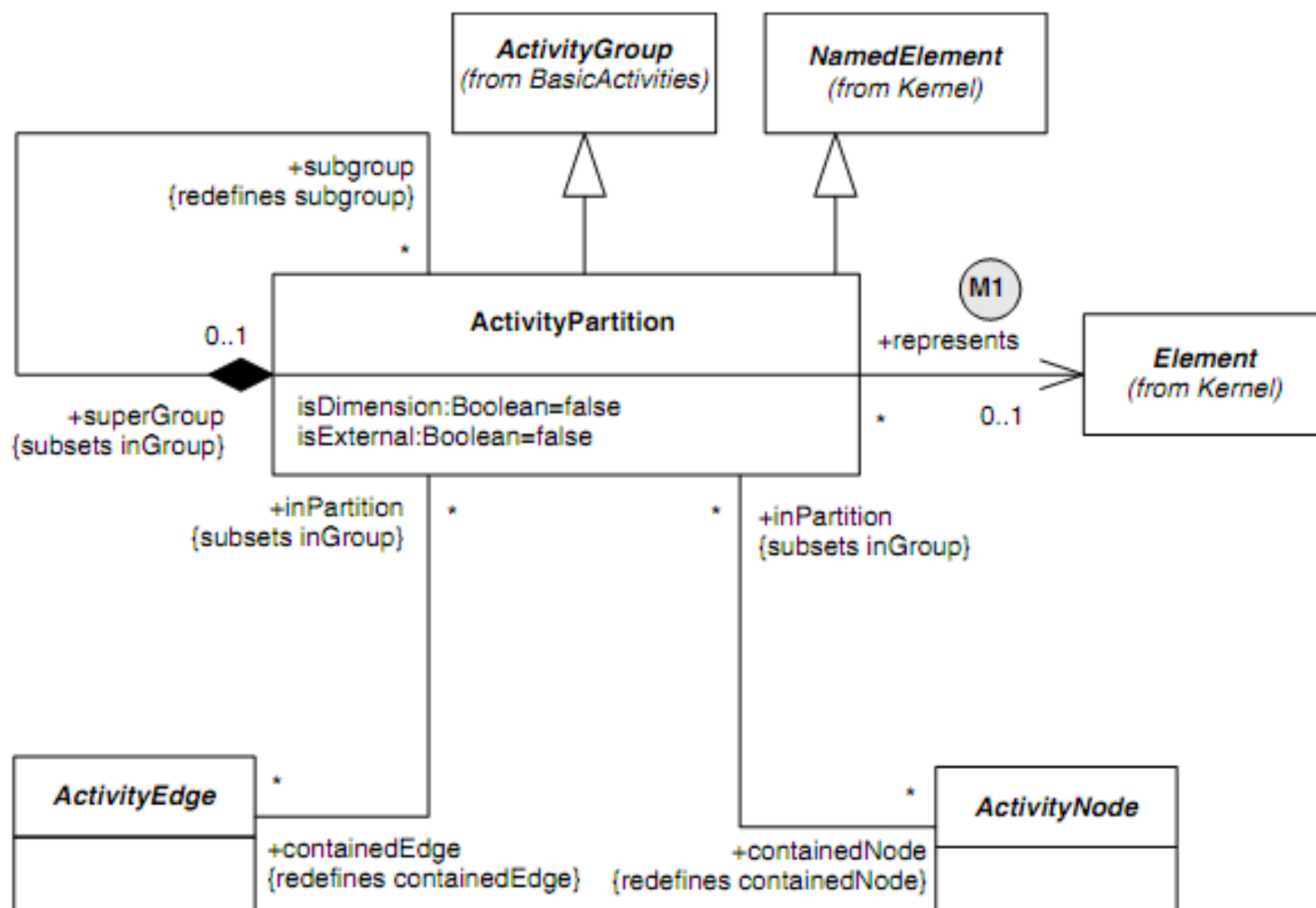


FIGURE 3.123 The metamodel for activity partitions.