

INTELIGÊNCIA ARTIFICIAL PARA SISTEMAS AUTÓNOMOS

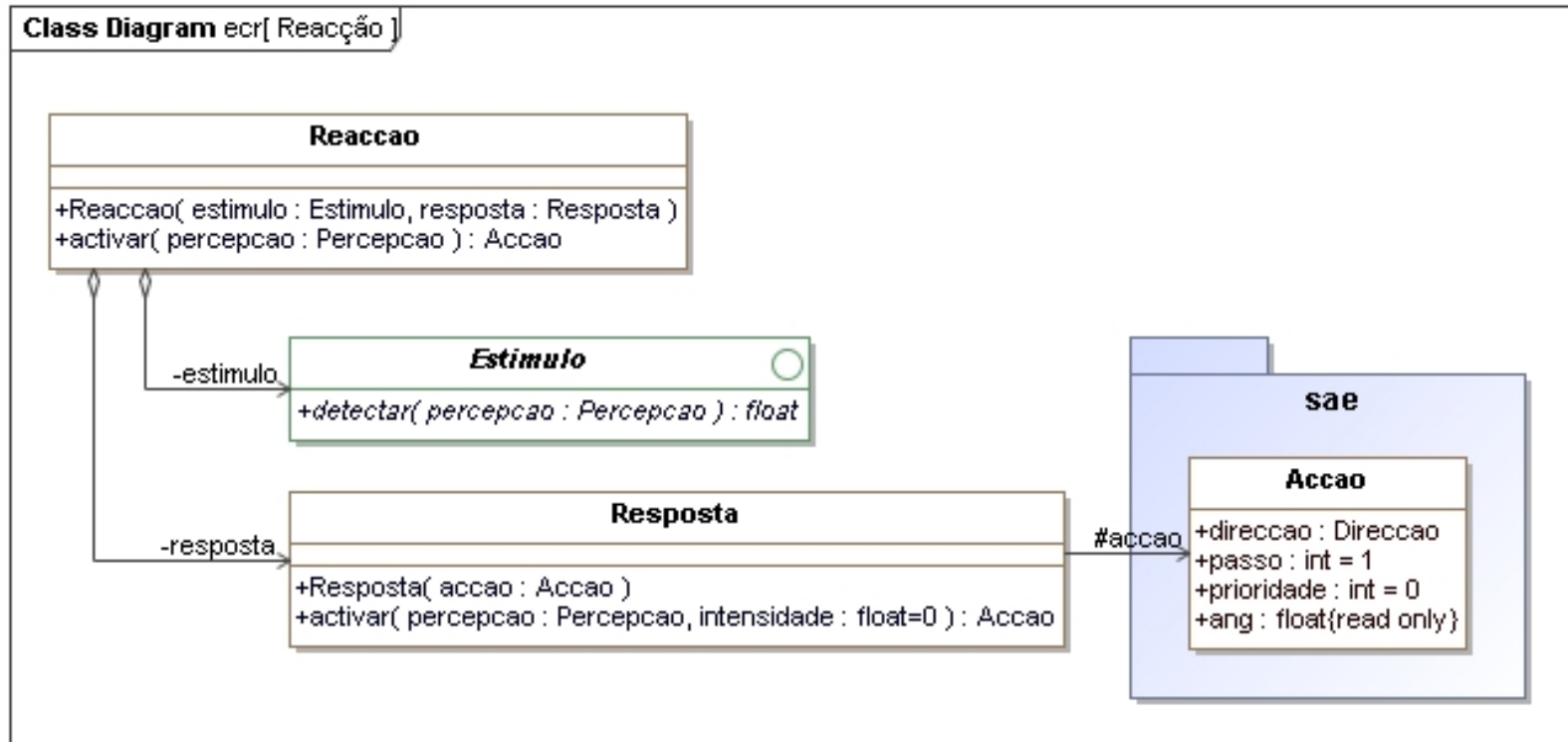
Projecto – Parte 2

ARQUITECTURA DE APOIO AO PROJECTO

- A arquitectura de apoio ao projecto serve de referência para o desenvolvimento do projecto a realizar
- Deve ser adaptada ou complementada de acordo com a concretização específica estudada nas aulas
- Apenas é considerada para avaliação a concretização da arquitectura de acordo com o estudado e indicado nas aulas

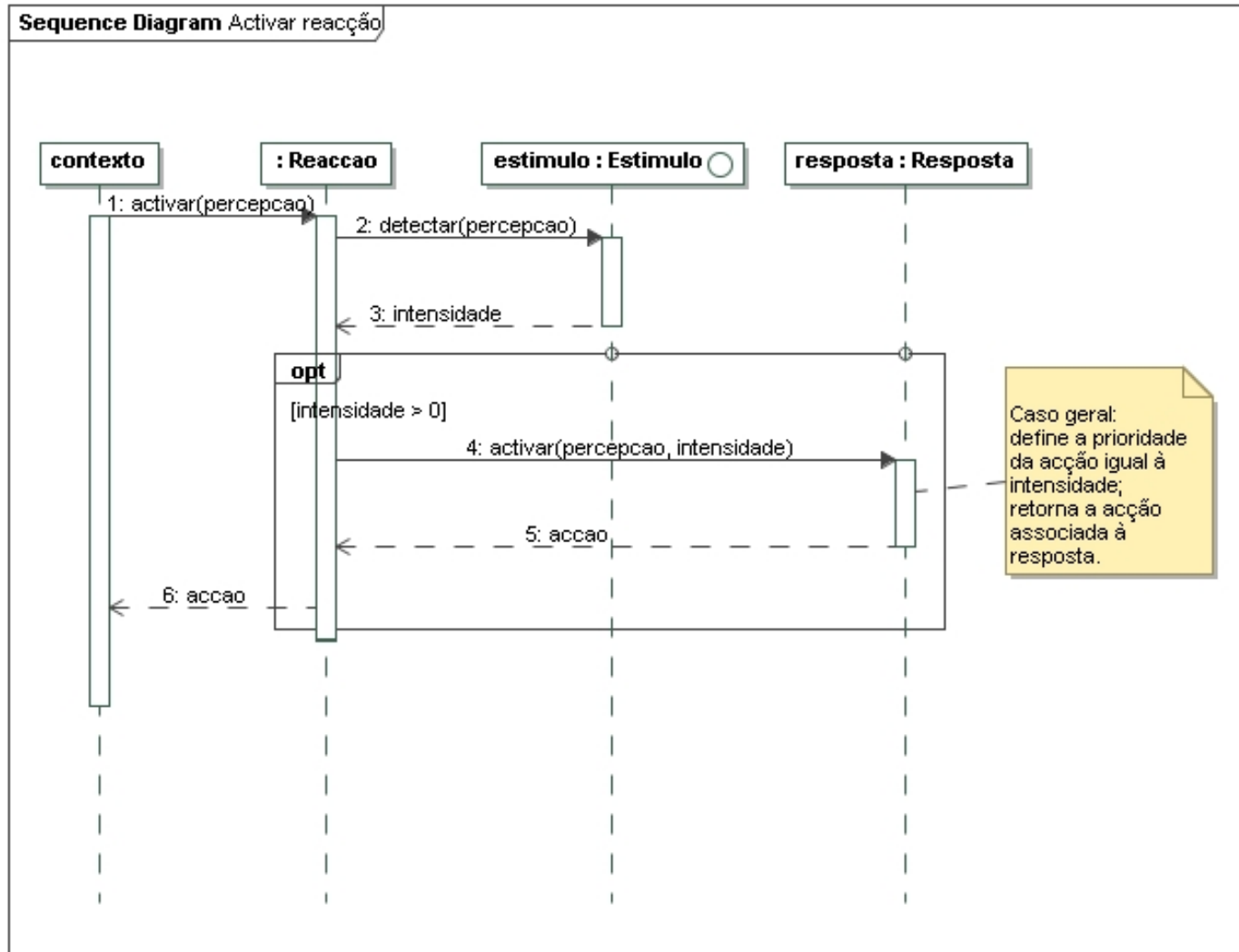
REACÇÃO - ARQUITECTURA

Modelo de estrutura



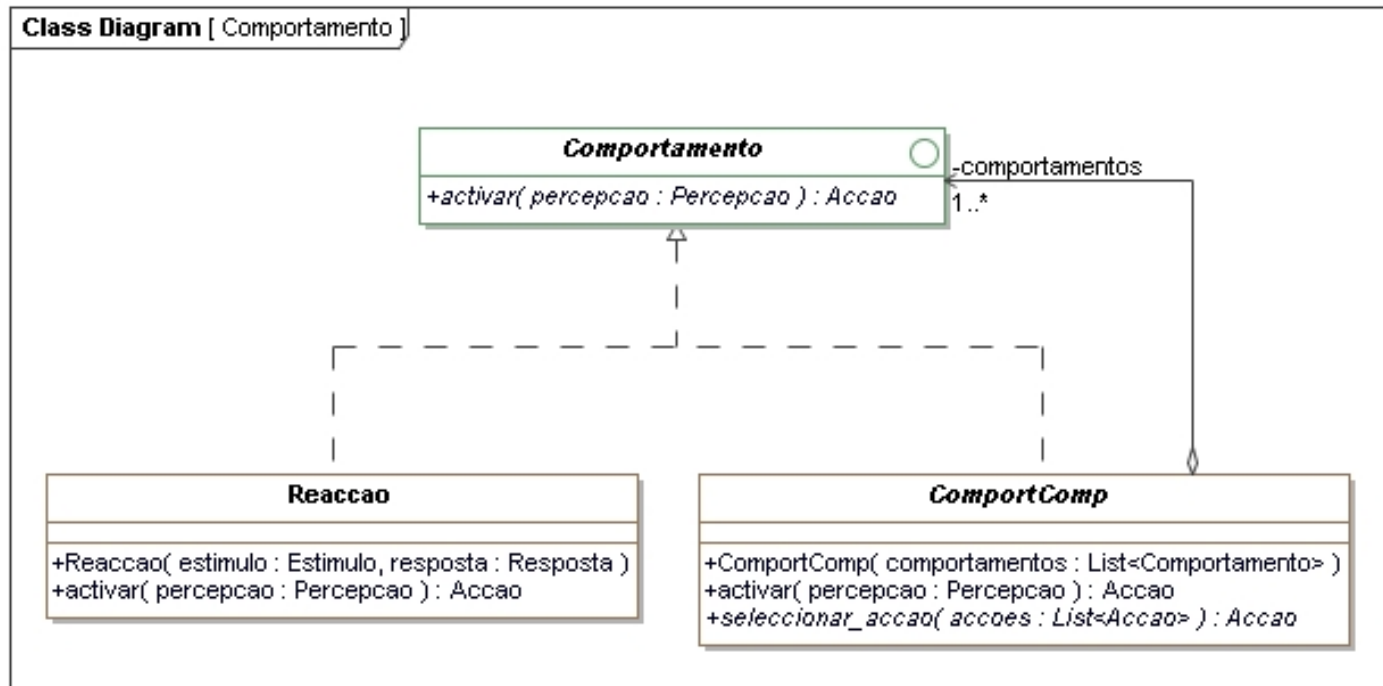
REACÇÃO - ARQUITECTURA

Modelo de interacção



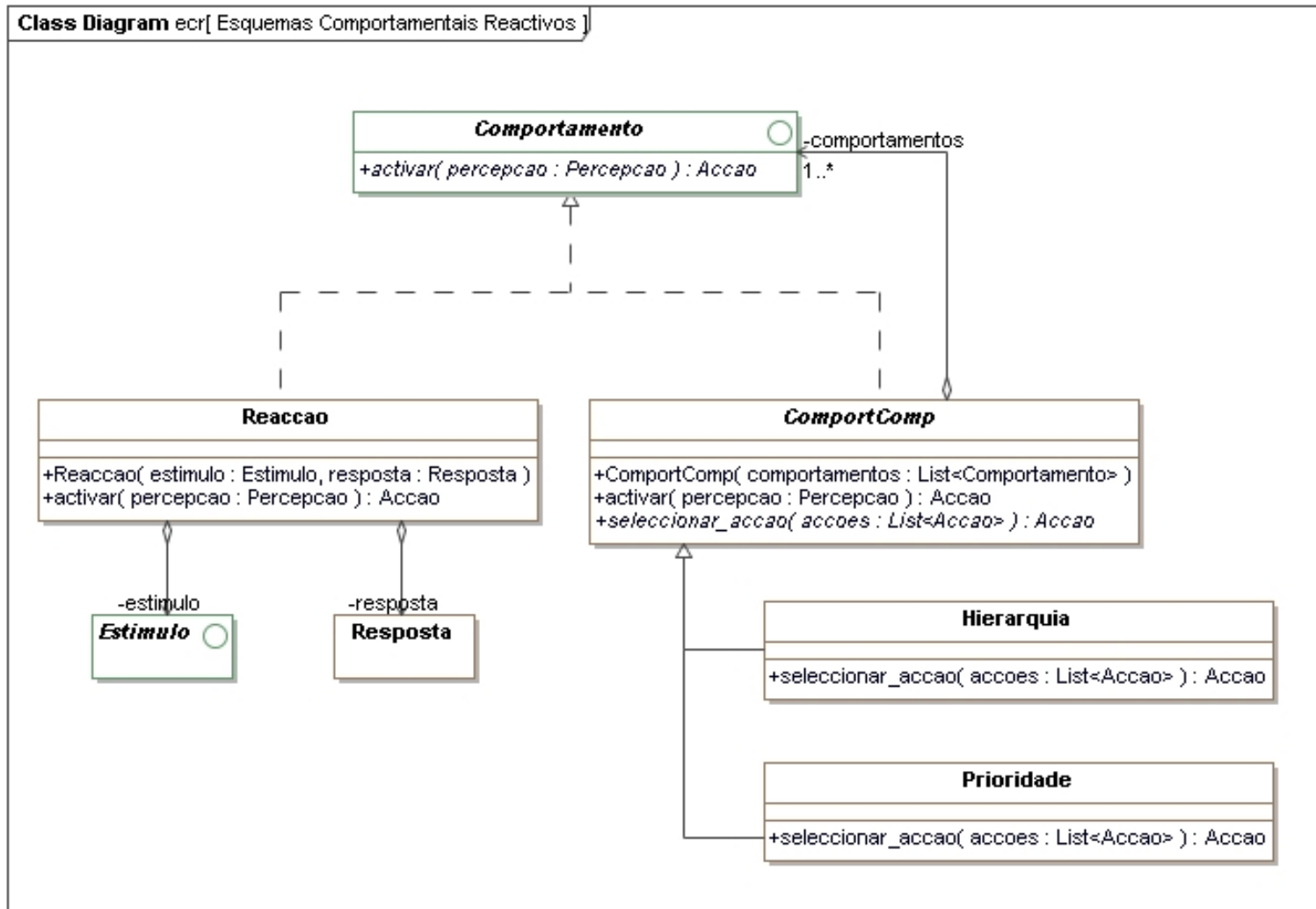
ESQUEMAS COMPORTAMENTAIS REACTIVOS

Reacção, comportamento, comportamento composto

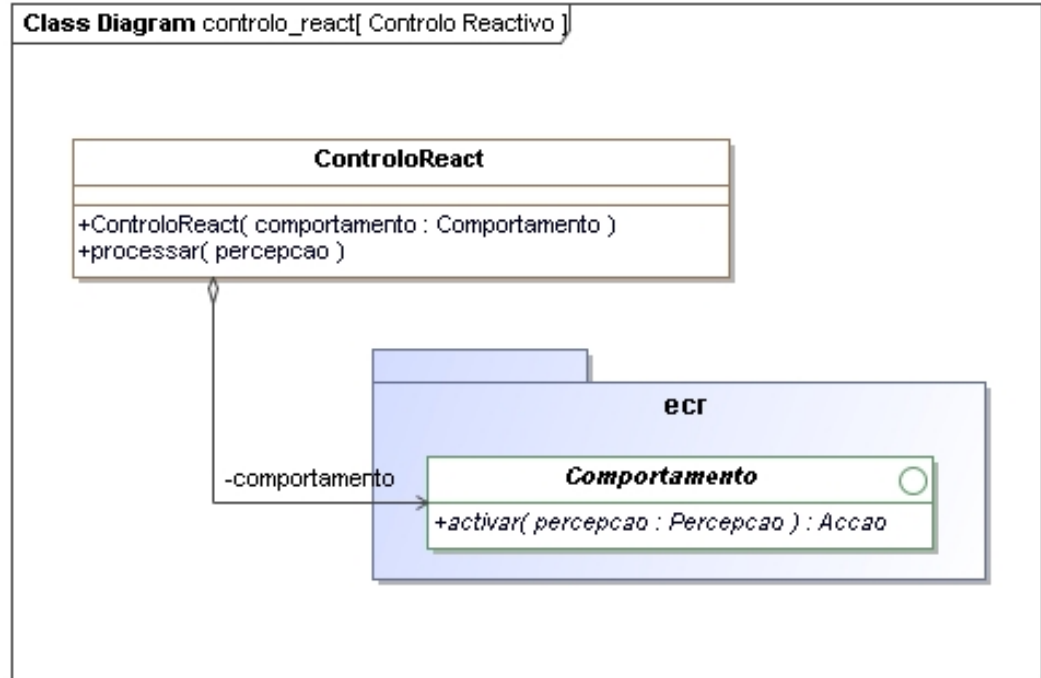
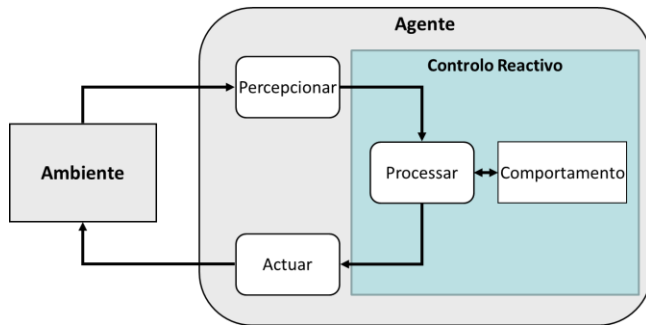


ESQUEMAS COMPORTAMENTAIS REACTIVOS

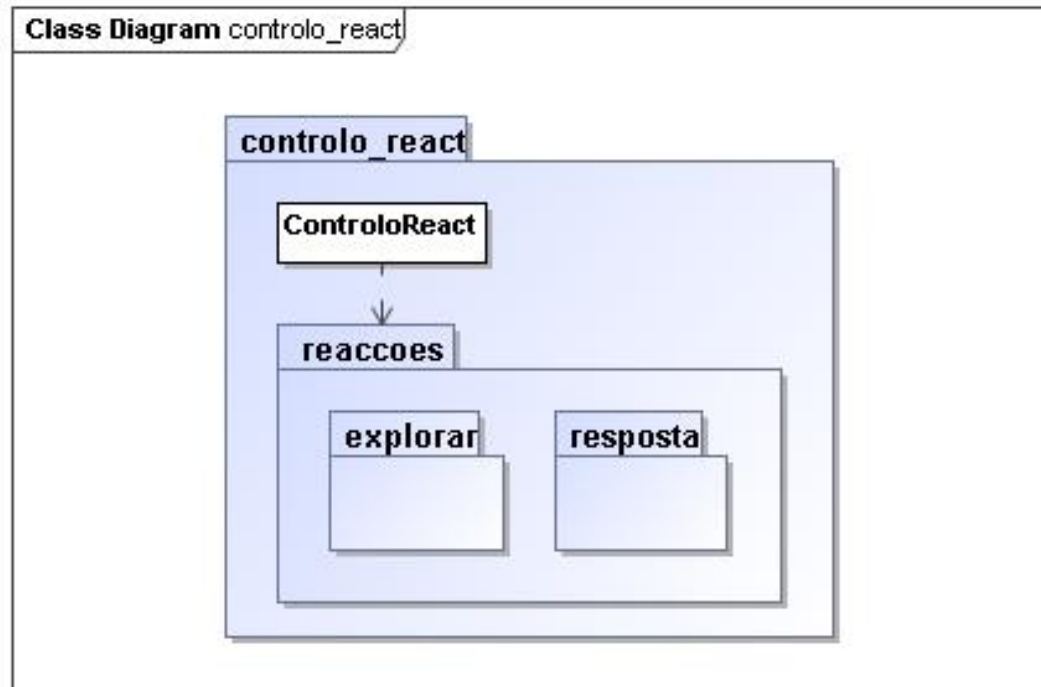
Tipos de comportamento



CONTROLO REACTIVO

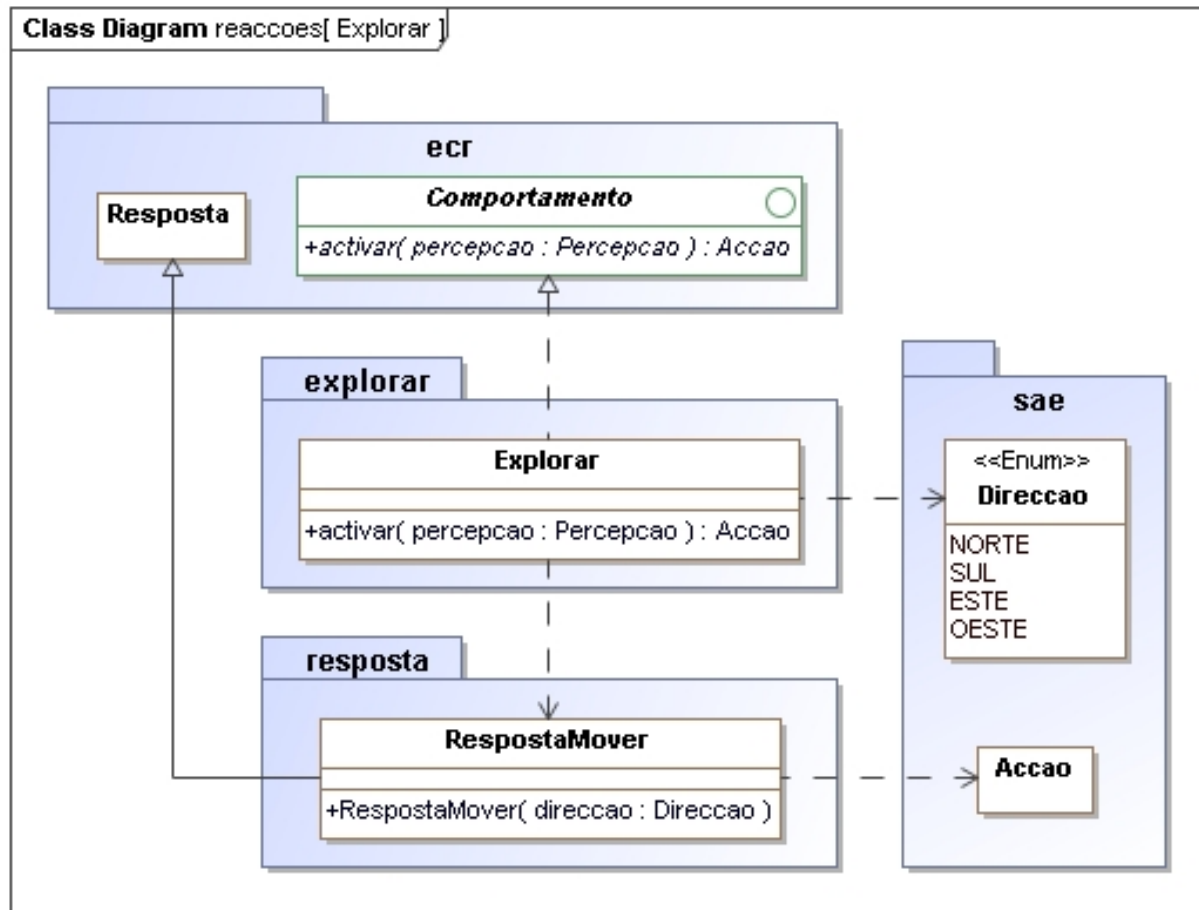


SUBSISTEMA CONTROLO REACTIVO

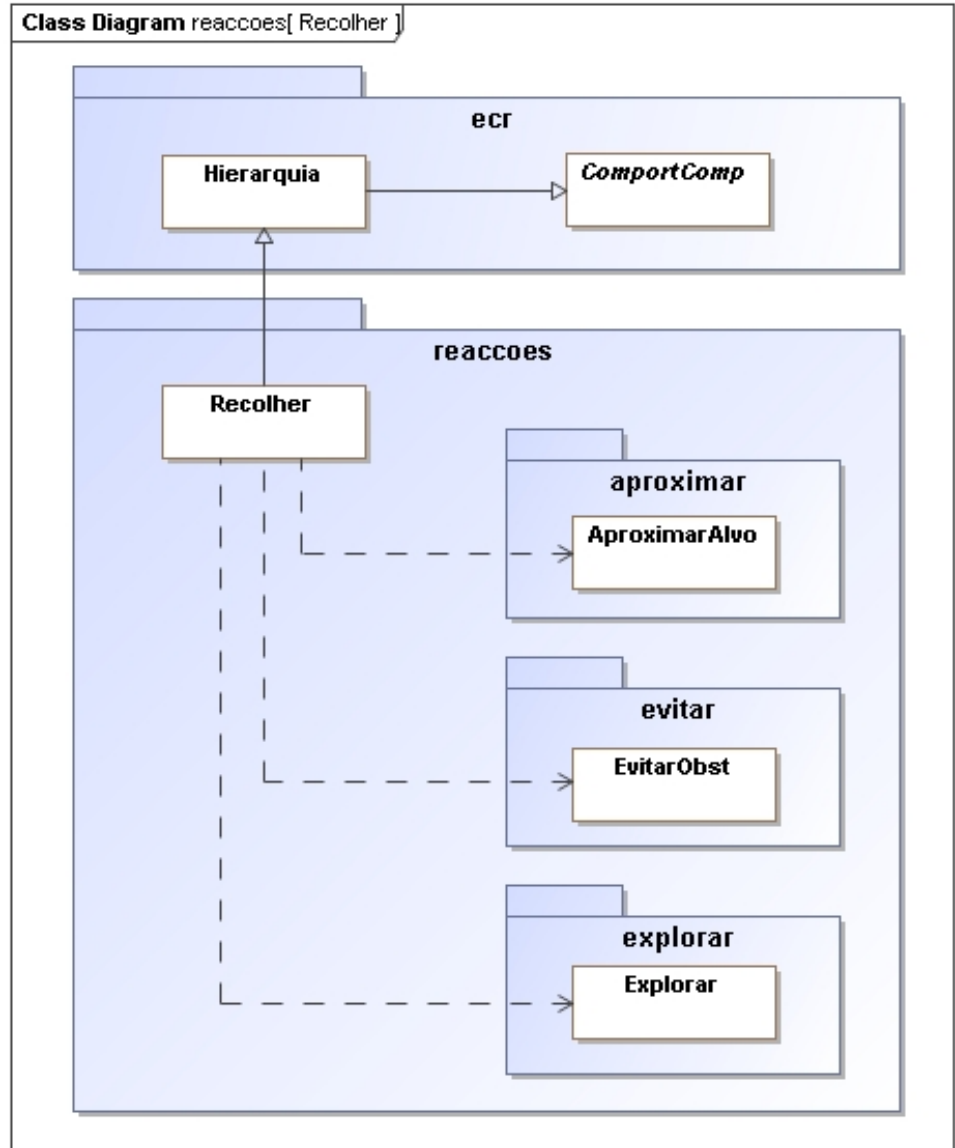
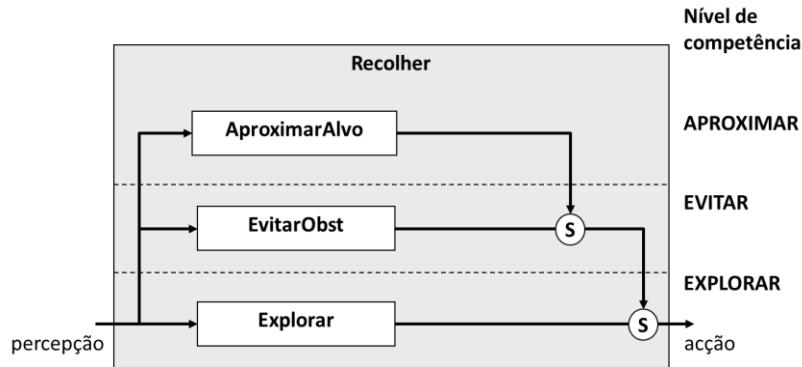


COMPORTAMENTO EXPLORAR

Comportamento explorar com movimentos em direcções aleatórias

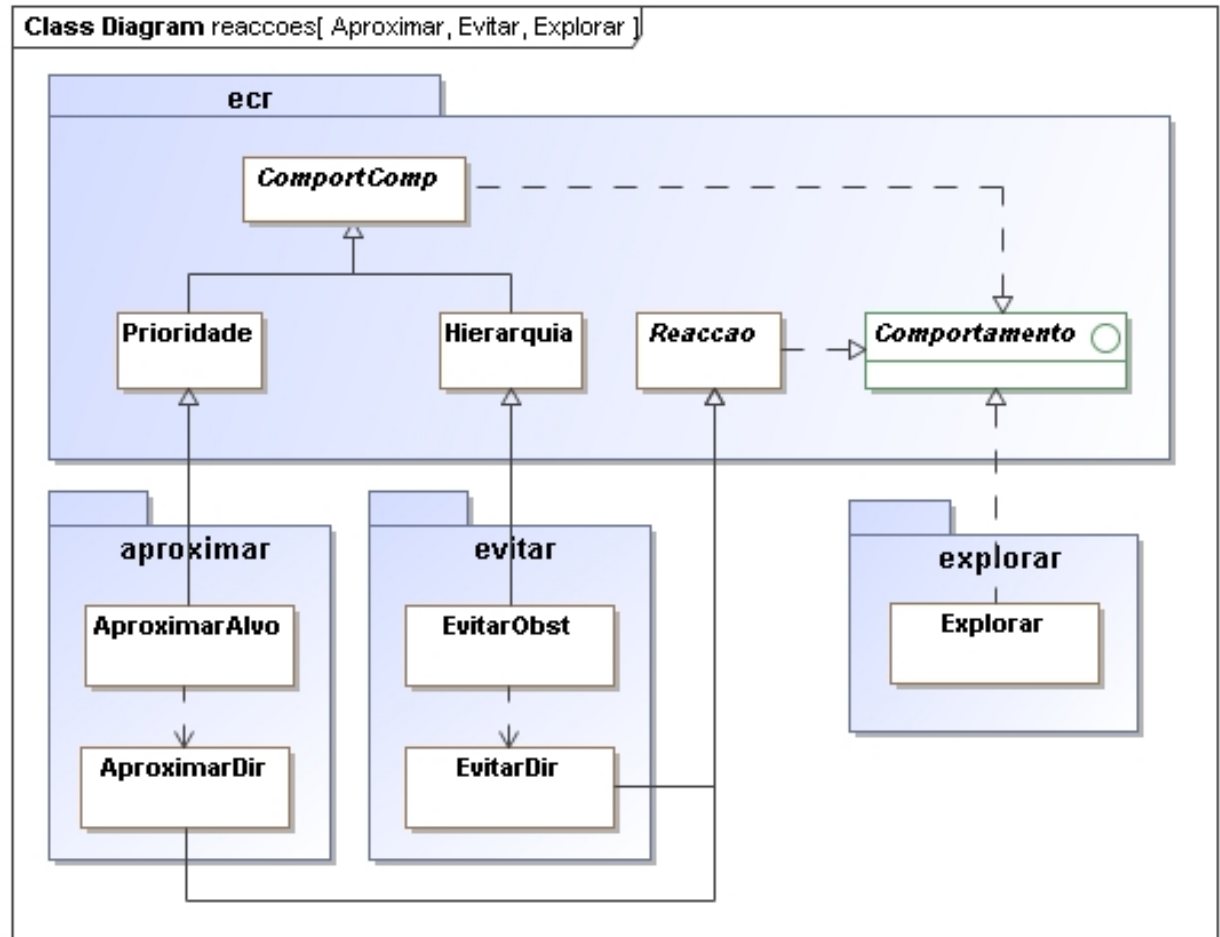
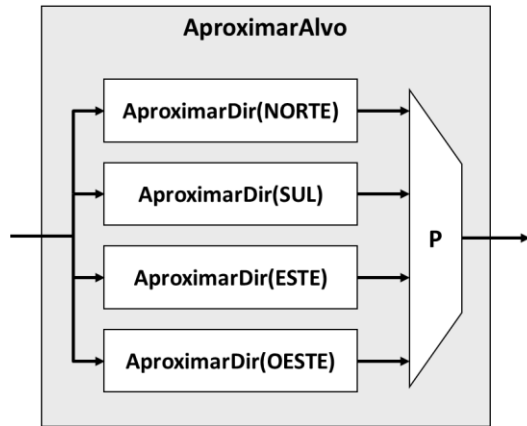


CONTROLO REACTIVO - REACÇÕES



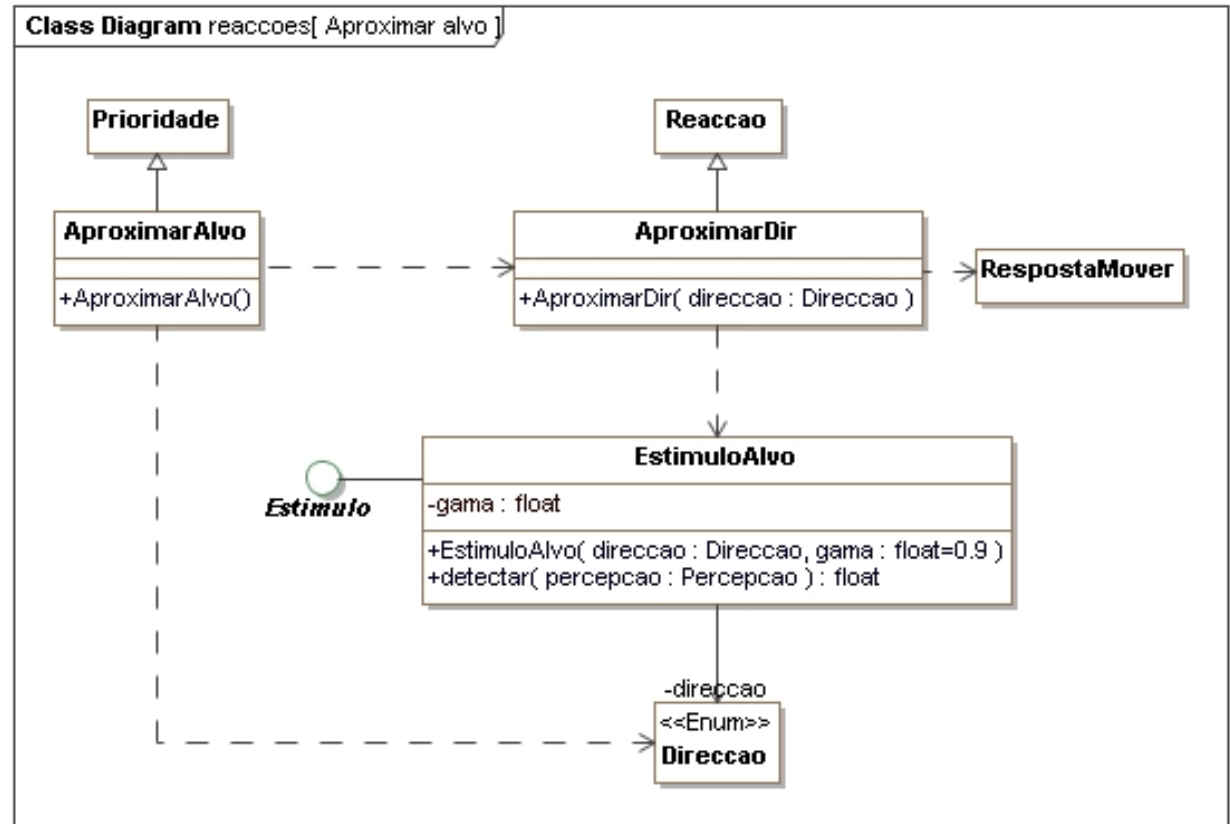
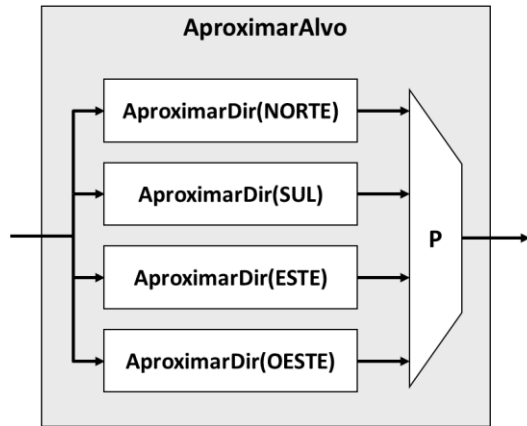
COMPORTAMENTOS COMPOSTOS

Exemplo



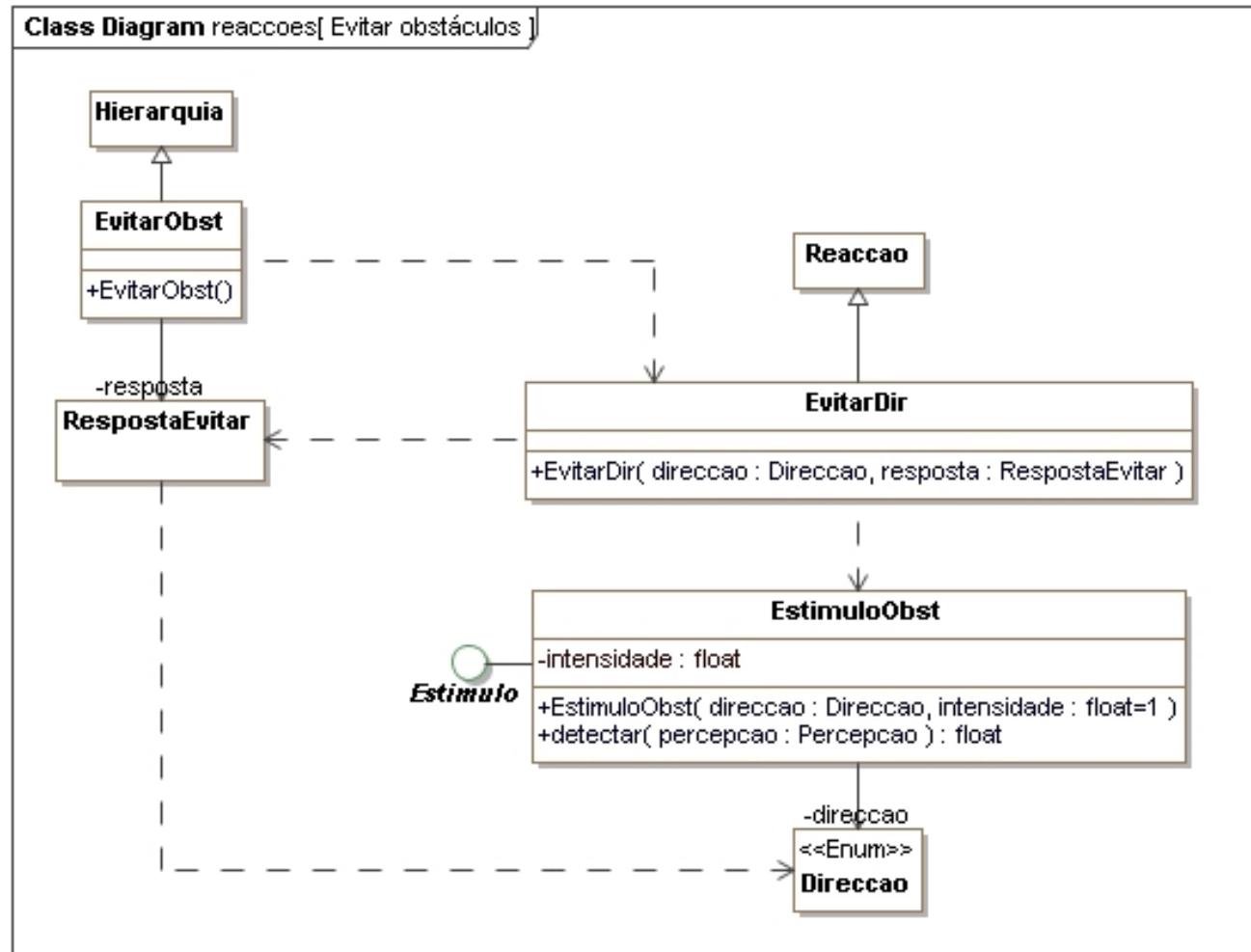
COMPORTAMENTOS COMPOSTOS

Aproximar alvo

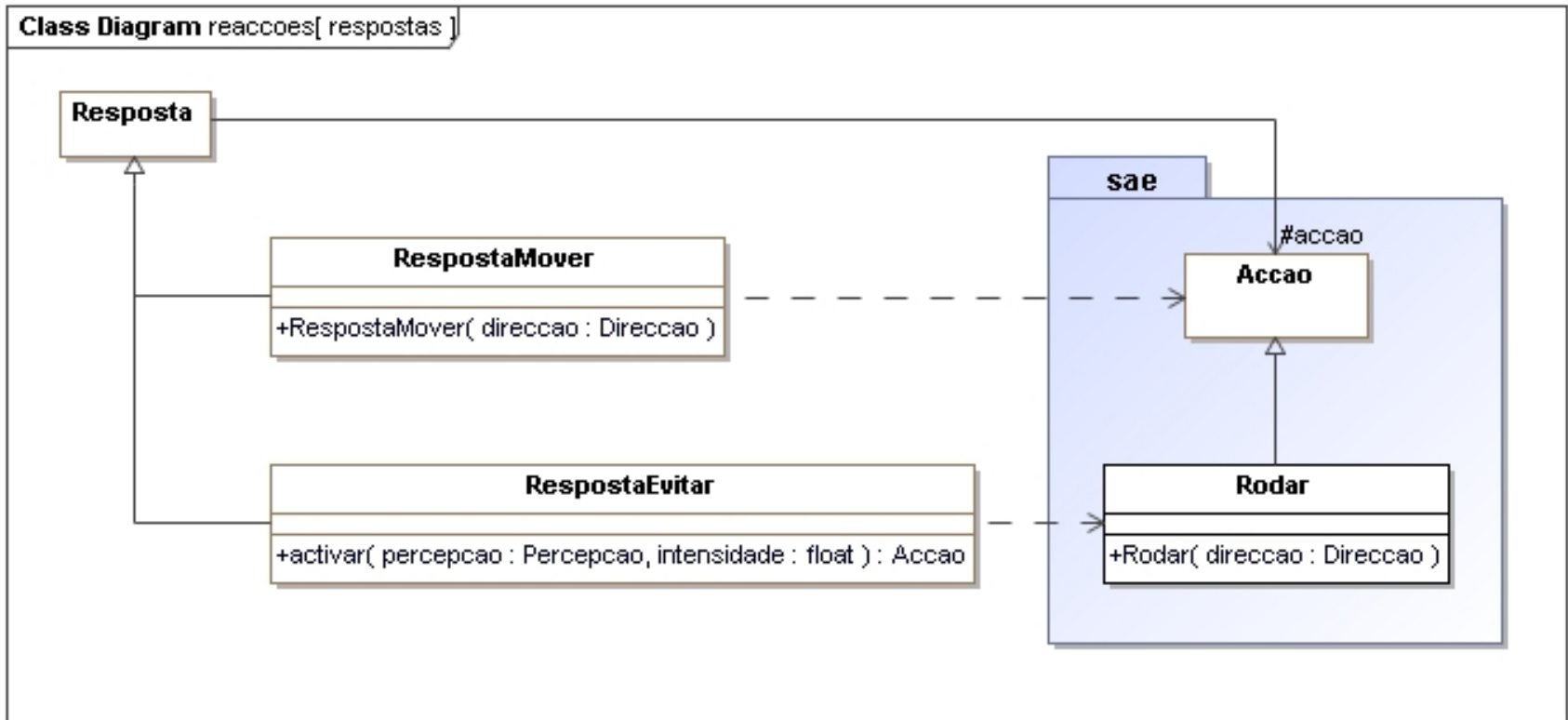


COMPORTAMENTOS COMPOSTOS

Evitar obstáculos



RESPOSTAS A ESTÍMULOS



REACÇÕES DE PROSPECÇÃO DE ALVOS

