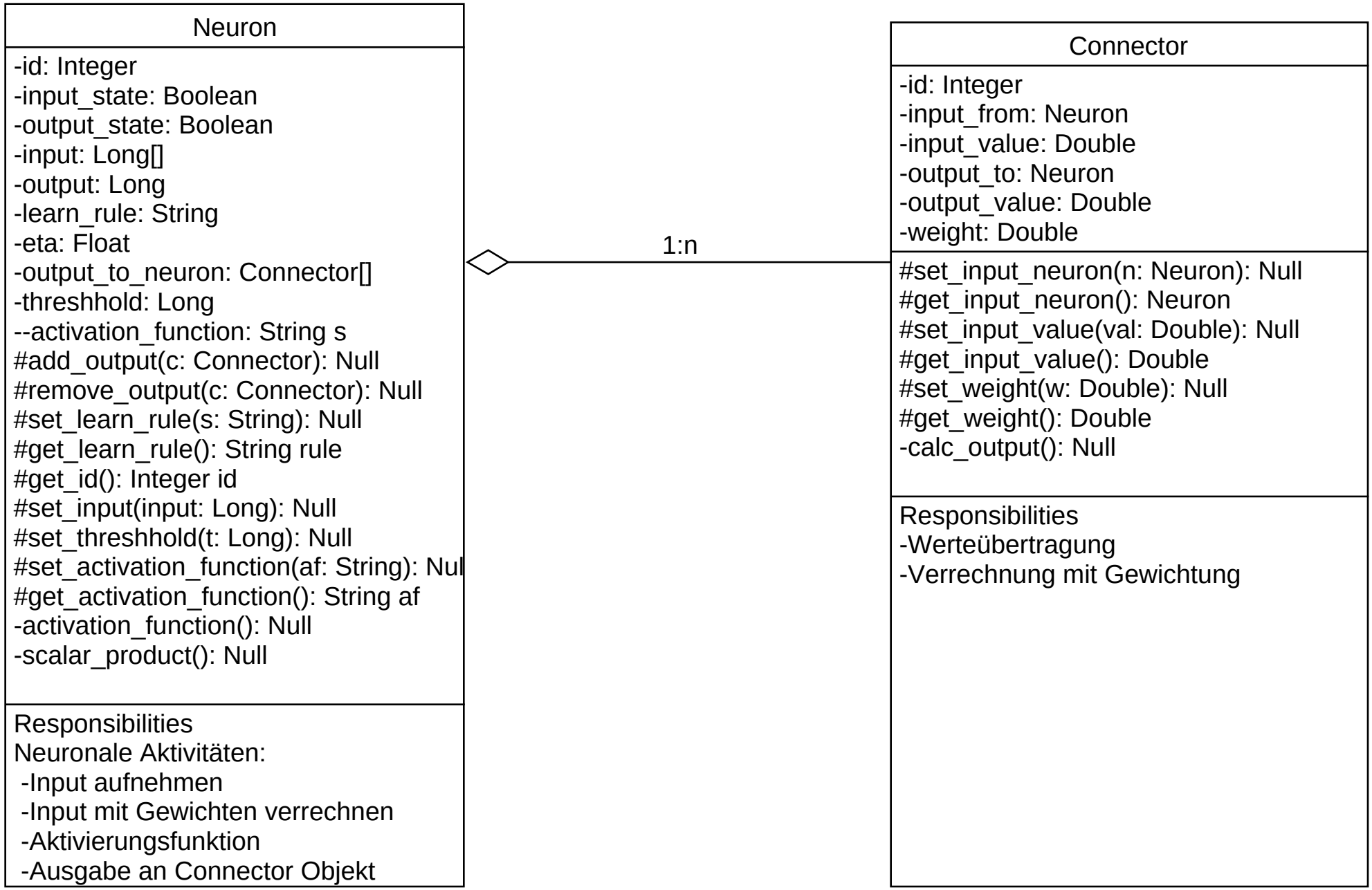
Neuron
-id: Integer
-input_state: Boolean
-output_state: Boolean
-input: Long[]
-output: Long
-learn_rule: String
-eta: Float
-output_to_neuron: Connector[]
-threshhold: Long
--activation_function: String s
#add_output(c: Connector): Null
#remove_output(c: Connector): Null
#set_learn_rule(s: String): Null
#get_learn_rule(): String rule
#get_id(): Integer id
#set_input(input: Long): Null
#set_threshhold(t: Long): Null
#set_activation_function(af: String): Nul
#get_activation_function(): String af
-activation_function(): Null
-scalar_product(): Null
Responsibilities
Neuronale Aktivitäten:
-Input aufnehmen
-Input mit Gewichten verrechnen
-Aktivierungsfunktion
-Ausgabe an Connector Objekt
1:n
Connector
-id: Integer
-input_from: Neuron
-input_value: Double
-output_to: Neuron
-output_value: Double
-weight: Double
#set_input_neuron(n: Neuron): Null
#get_input_neuron(): Neuron
#set_input_value(val: Double): Null
#get_input_value(): Double
#set_weight(w: Double): Null
#get_weight(): Double
-calc_output(): Null
Responsibilities
-Werteübertragung
-Verrechnung mit Gewichtung