NeuronProject Documentation

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CHAPTER

ONE

BINDINDS MODULE

class Bindings

Binding class, composed of the source neuron and a weight.

> **Note** A `Neuron` has the same number of *`Bindings`* than of predecessor `Neuron`.

Binding()

Binding(Neuron **neuron*, double *weight* = 1)

> **Parameters**
>
> - **neuron** – Source Neuron
> - **weight** – Weight of the binding

~Binding()

Destructor

Neuron ***getNeuron**() **const**

Returns the source neuron

void **setWeight**(double *weight* = 1)

Set the weight of the binding.

double **getWeight**() **const**

Returns the weight of the Binding.

void **addWeight**(double *weight*)

Shortcut for *setWeight(weight + getWeight)*

Neuron ***neuron_**

Source neuron.

double **weight_**

Weight of the binding.

double **previousStep_**

Weight a the previous step of the learning algorithm.

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TWO

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