

AMORE++

pre-alpha (active development aiming to release a beta version this
summer (2011))

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Chapter 1

Class Index

1.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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Neuron	9

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

pkg/AMORE/src/ AMORE.h	11
pkg/AMORE/src/ Con.cpp	12
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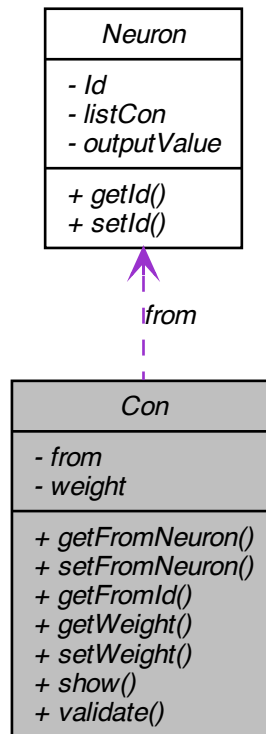
Chapter 3

Class Documentation

3.1 Con Class Reference

```
#include <Con.h>
```

Collaboration diagram for Con:



Public Member Functions

- [Neuron *](#) [getFromNeuron](#) ()
- void [setFromNeuron](#) ([Neuron *](#)f)
- int [getFromId](#) ()
- double [getWeight](#) ()
- void [setWeight](#) (double w)
- bool [show](#) ()
- bool [validate](#) ()

3.1.1 Detailed Description

Definition at line 11 of file Con.h.

3.1.2 Member Function Documentation

3.1.2.1 `int Con::getFromId ()`

Definition at line 24 of file Con.cpp.

Here is the call graph for this function:



Here is the caller graph for this function:



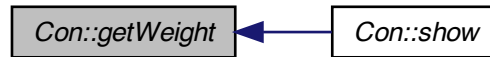
3.1.2.2 `Neuron * Con::getFromNeuron ()`

Definition at line 16 of file Con.cpp.

3.1.2.3 `double Con::getWeight ()`

Definition at line 28 of file Con.cpp.

Here is the caller graph for this function:



3.1.2.4 void Con::setFromNeuron (Neuron * f)

Definition at line 20 of file Con.cpp.

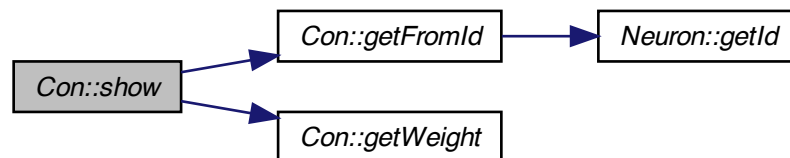
3.1.2.5 void Con::setWeight (double w)

Definition at line 32 of file Con.cpp.

3.1.2.6 bool Con::show ()

Definition at line 36 of file Con.cpp.

Here is the call graph for this function:



3.1.2.7 bool Con::validate ()

Definition at line 41 of file Con.cpp.

Here is the call graph for this function:



The documentation for this class was generated from the following files:

- pkg/AMORE/src/[Con.h](#)
- pkg/AMORE/src/[Con.cpp](#)

3.2 Neuron Class Reference

```
#include <Neuron.h>
```

Public Member Functions

- int [getId](#) ()
- void [setId](#) (int id)

3.2.1 Detailed Description

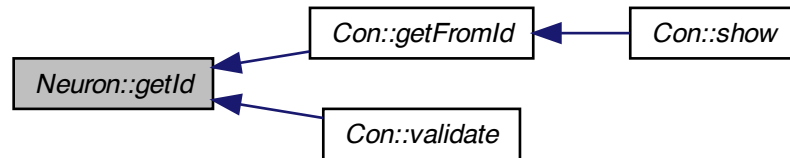
Definition at line 11 of file `Neuron.h`.

3.2.2 Member Function Documentation

3.2.2.1 int Neuron::getId ()

Definition at line 15 of file `Neuron.cpp`.

Here is the caller graph for this function:



3.2.2.2 void Neuron::setId (int *id*)

Definition at line 19 of file `Neuron.cpp`.

The documentation for this class was generated from the following files:

- `pkg/AMORE/src/Neuron.h`
- `pkg/AMORE/src/Neuron.cpp`

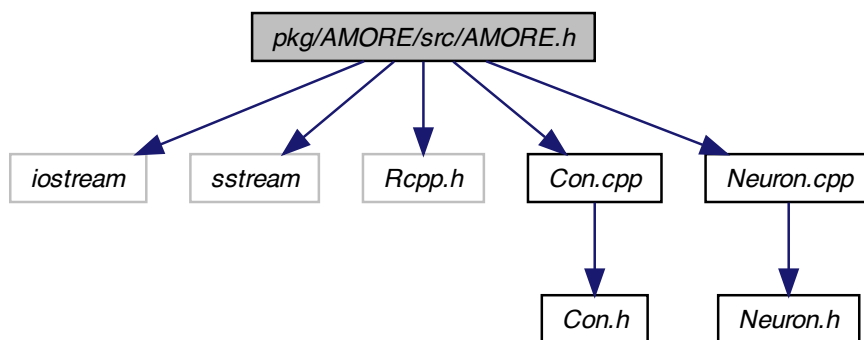
Chapter 4

File Documentation

4.1 pkg/AMORE/src/AMORE.h File Reference

```
#include <iostream>
#include <sstream>
#include <Rcpp.h>
#include "Con.cpp"
#include "Neuron.cpp"
```

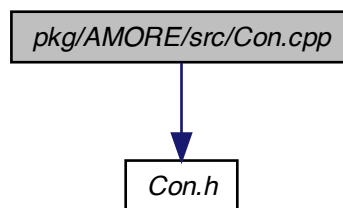
Include dependency graph for AMORE.h:



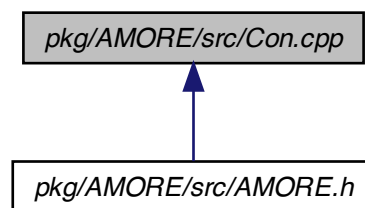
4.2 pkg/AMORE/src/Con.cpp File Reference

```
#include "Con.h"
```

Include dependency graph for Con.cpp:

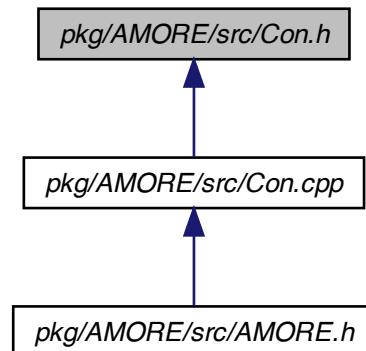


This graph shows which files directly or indirectly include this file:



4.3 pkg/AMORE/src/Con.h File Reference

This graph shows which files directly or indirectly include this file:



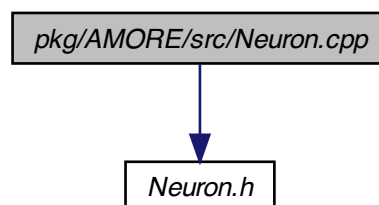
Classes

- class [Con](#)

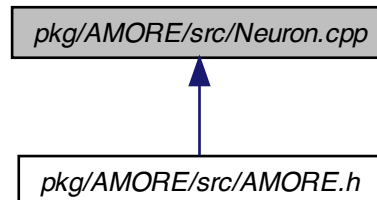
4.4 pkg/AMORE/src/Neuron.cpp File Reference

```
#include "Neuron.h"
```

Include dependency graph for `Neuron.cpp`:

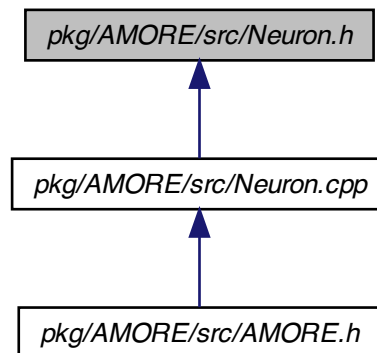


This graph shows which files directly or indirectly include this file:



4.5 pkg/AMORE/src/Neuron.h File Reference

This graph shows which files directly or indirectly include this file:



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