My Project

Generated by Doxygen 1.8.8

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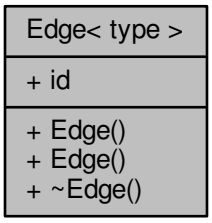
Here are the classes, structs, unions and interfaces with brief descriptions:

Chapter 2

Class Documentation

2.1 Edge< type > Class Template Reference

Collaboration diagram for Edge< type >:



Public Member Functions

- **Edge** (type *name)

Public Attributes

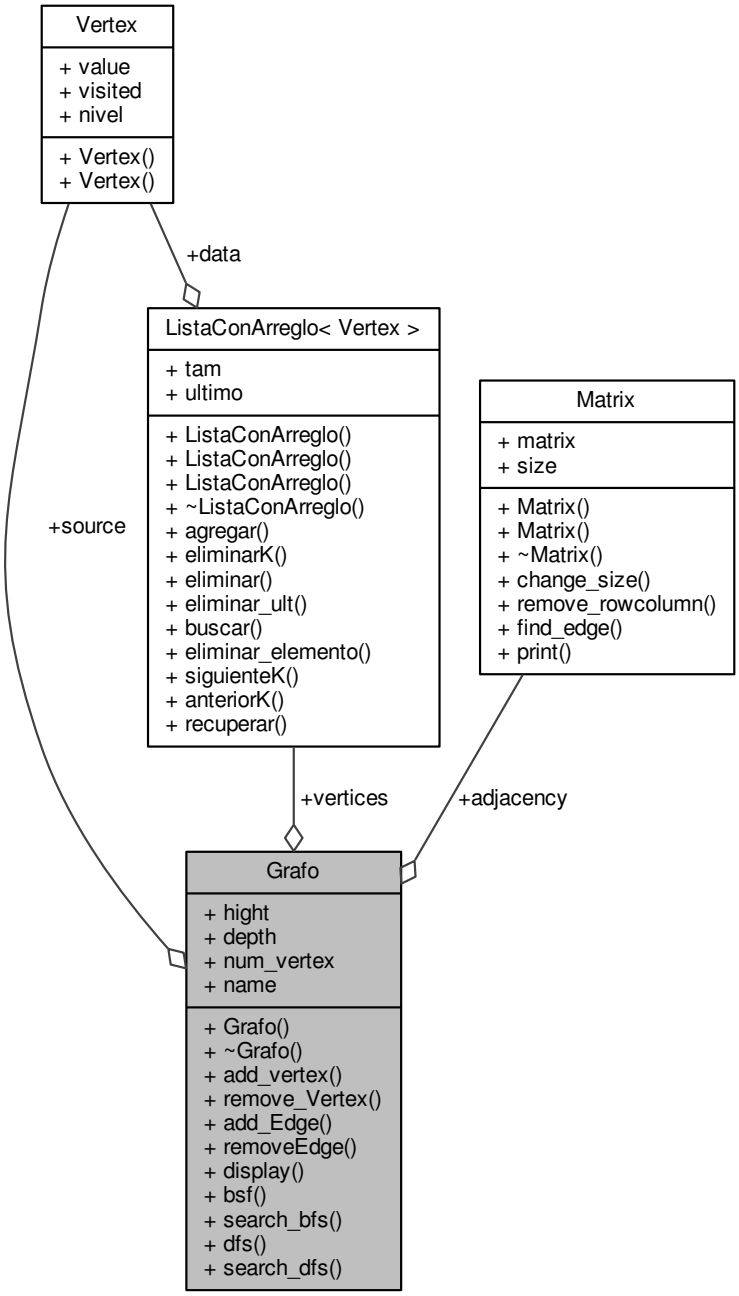
- type * **id**

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

- Edge.h

2.2 Grafo Class Reference

Collaboration diagram for Grafo:



Public Member Functions

- void **add_vertex** (char *v)
- void **remove_Vertex** (Vertex v)
- void **add_Edge** (Vertex v1, Vertex v2)

- void **removeEdge** (int e)
- void **display** ()
- void **bsf** ()
- void **search_bfs** (int row, int column)
- void **dfs** ()
- void **search_dfs** (int row, int column)

Public Attributes

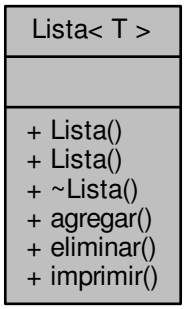
- int **hight**
- int **depth**
- Vertex * **source**
- int **num_vertex**
- ListaConArreglo< Vertex > * **vertices**
- Matrix * **adjacency**
- int **name**

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

- Grafo.h
- Grafo.cpp

2.3 Lista< T > Class Template Reference

Collaboration diagram for Lista< T >:



Public Member Functions

- **Lista** (const Lista &orig)
- virtual void **agregar** (T e)=0
- virtual void **eliminar** ()=0
- virtual void **imprimir** ()=0

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

- Lista.h

2.4 ListaConArreglo< T > Class Template Reference

Collaboration diagram for ListaConArreglo< T >:

Public Member Functions

- **ListaConArreglo** (const ListaConArreglo &orig)
- **ListaConArreglo** (int N)
- void **agregar** (T e)
- void **eliminarK** (int k)
- virtual void **eliminar** ()
- virtual void **eliminar_ult** ()
- int **buscar** (T e)
- void **eliminar_elemento** (T e)
- char **siguienteK** (int k)
- char **anteriorK** (int k)
- T **recuperar** (int k)

Public Attributes

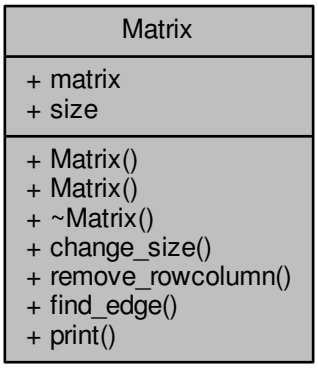
- int **tam**
- int **ultimo**
- T ∗ **data**

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

- ListaConArreglo.h

2.5 Matrix Class Reference

Collaboration diagram for Matrix:



Public Member Functions

- **Matrix** (int tam)
- **Matrix** (int ∗∗values, int tam)
- void **change_size** (int new_size)
- void **remove_rowcolumn** (int row)
- int ∗ **find_edge** (int e)
- void **print** ()

Public Attributes

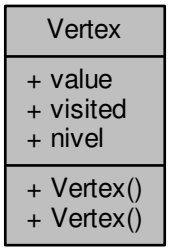
- int ∗∗ **matrix**
- int **size**

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

- Matrix.h
- Matrix.cpp

2.6 Vertex Class Reference

Collaboration diagram for Vertex:



Public Member Functions

- **Vertex** (bool visit, char ∗val)

Public Attributes

- char ∗ **value**
- bool **visited**
- int **nivel**

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

- Vertex.h
- Vertex.cpp

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