

Reference Manual

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Chapter 1

Class Index

1.1 Class List

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

tc_items (An array of int objects with length information. Use <code>tc_getItem(M,i)</code> to get the i-th item)	3
tc_matrix (A 2D table of doubles with row and column names. Use <code>tc_getMatrixValue(M,i,j)</code> to get the i,j-th value in tc_matrix M)	3
tc_strings (An array of strings with length information. Use <code>tc_getString(M,i)</code> to get the i-th string)	4
tc_table (A 2D table of strings with row and column names. Use <code>tc_getTableValue(M,i,j)</code> to get the i,j-th value in tc_matrix M)	4

Chapter 2

Class Documentation

2.1 tc_items Struct Reference

An array of int objects with length information. Use tc_getItem(M,i) to get the i-th item.

```
#include <TC_structs.h>
```

Public Attributes

- int **length**
- long * **items**

2.1.1 Detailed Description

An array of int objects with length information. Use tc_getItem(M,i) to get the i-th item.

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

- TC_structs.h

2.2 tc_matrix Struct Reference

A 2D table of doubles with row and column names. Use tc_getMatrixValue(M,i,j) to get the i,j-th value in [tc_matrix](#) M.

```
#include <TC_structs.h>
```

Public Attributes

- int **rows**
- int **cols**
- double * **values**
- [tc_strings](#) **rownames**
- [tc_strings](#) **colnames**

2.2.1 Detailed Description

A 2D table of doubles with row and column names. Use `tc_getMatrixValue(M,i,j)` to get the *i,j*-th value in [tc_matrix](#) M.

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

- TC_structs.h

2.3 tc_strings Struct Reference

An array of strings with length information. Use `tc_getString(M,i)` to get the *i*-th string.

```
#include <TC_structs.h>
```

Public Attributes

- `int` **length**
- `char **` **strings**

2.3.1 Detailed Description

An array of strings with length information. Use `tc_getString(M,i)` to get the *i*-th string.

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

- TC_structs.h

2.4 tc_table Struct Reference

A 2D table of strings with row and column names. Use `tc_getTableValue(M,i,j)` to get the *i,j*-th value in [tc_matrix](#) M.

```
#include <TC_structs.h>
```

Public Attributes

- `int` **rows**
- `int` **cols**
- `char **` **strings**
- [tc_strings](#) **rownames**
- [tc_strings](#) **colnames**

2.4.1 Detailed Description

A 2D table of strings with row and column names. Use `tc_getTableValue(M,i,j)` to get the *i,j*-th value in [tc_matrix](#) M.

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

- TC_structs.h

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