

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

```
[classmy__curl]
# The myCurl class
#include <mycurl.h>
myCurl ()
myCurl
const string & getApi_key () const
getApi_key
void setApi_key (const string &newApi_key)
setApi_key
const string & getLongitude () const
getLongitude
void setLongitude (const string &newLongitude)
setLongitude
const string & getLatitude () const
getLatitude
void setLatitude (const string &newLatitude)
setLatitude
const string & getUrl () const
getUrl
void setUrl (const string &newUrl)
setUrl
size_t getResponseSize ()
getResponseSize
void getData (char **response)
getData
CURLcode exec (myOptions *options)
exec
# The myCurl class
Manage API access
includes curl/curl.h library
```

Requires *-lcurl*

[classmy\_\_curl\_a6138f437e18194f4b5c4cae50682d90d]

```
myCurl::myCurl (  
)
```

myCurl

constructor

[classmy\_\_curl\_aa1903e257624c5f29061c9d1fd6fde36]

```
CURLcode myCurl::exec (  
options
```

```
)
```

```
)
```

exec

Parameters *myOption* & options

Returns

[classmy\_\_curl\_a784ab0c6ca7fb62ef2fc76521d5b783f]

```
const string & myCurl::getApi_key (  
)
```

```
) const
```

getApi\_key

Returns

[classmy\_\_curl\_a5d9d737edc2db4d0e723b49e5ab88603]

```
void myCurl::getData (  
response
```

```
)
```

```
)
```

getData

Parameters *char\*\** & response

[classmy\_\_curl\_a7a67339be5531f6af2eef2dbfe48eb8f]

```
const string & myCurl::getLatitude (  
)
```

```
) const
```

getLatitude

Returns

[classmy\_\_curl\_\_ae0bb878e247e02fbfe29dcf3b649a5d1]

const string & myCurl::getLongitude (

) const

getLongitude

Returns

[classmy\_\_curl\_\_ae118a0b5d272848f57cf285fcc6b1ba3]

size\_t myCurl::getResponseSize (

)

getResponseSize

Returns

[classmy\_\_curl\_\_a78d505c383686aece139369b1595c575]

const string & myCurl::getUrl (

) const

getUrl

Returns

[classmy\_\_curl\_\_afa4e953e0bcc286bf74e2e538ea1fb87]

void myCurl::setApi\_key (

newApi\_key

)

setApi\_key

Parameters *newApi\_key* &

[classmy\_\_curl\_\_a1d161f945026da44d02bbcef4eae3302]

void myCurl::setLatitude (

newLatitude

)

setLatitude

Parameters *newLatitude* &

[classmy\_\_curl\_\_a9ab8c05f90d993284eb8ebf43d5b06a5]

void myCurl::setLongitude (

```

newLongitude
)
setLongitude
Parameters newLongitude &

```

```

[classmy__curl_aa73cb31cc92b7de40b8066ed37979a19]
void myCurl::setUrl (
newUrl
)
setUrl
Parameters newUrl &

```

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```

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```

```

[classmy__graphics]
[classmy__graphics_a061eafc6c9efa915757fd7e1e6172182] myGraphics ()
myGraphics
void pieChart (json datas, myOptions *options)
pieChart
void curveChart (json datas, myOptions *options)
curveChart
[classmy__graphics_a0e491d83e84d2e378d35dfb4358479c3]
void myGraphics::curveChart (
datas,
options
)
curveChart
Parameters datas &
options &

```

```

[classmy__graphics_a06acbf9491071e6cd3274fdb7a0acaaf]

```

```
void myGraphics::pieChart (
    datas,
    options
)
```

```
pieChart
```

Parameters *datas* &  
*options* &

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[classmy\_options]

[classmy\_options\_a54d540e04ed8d81c6de241305361a12f] myOptions ()

*myOptions*

```
void readFromFile (string fileName)
```

*readFromFile*

```
string getFullUrl ()
```

*getFullUrl*

```
string getApiKeyHeader ()
```

*getApiKeyHeader*

```
string getFilesOwner ()
```

*getFilesOwner*

```
string getFullLogFileName ()
```

*getFullLogFileName*

```
string getFullDataFileName ()
```

*getFullDataFileName*

```
string getFullCurveChartFileName ()
```

*getFullCurveChartFileName*

```
string getFullHistoChartFileName ()
```

*getFullHistoChartFileName*

```
string getFullPieChartFileName ()
```

```

getFullPieChartFileName
bool isDisplay ()
isDisplay
[classmy__options__a2e3fcdc1f824617fce73c7b98556bbd3]
string myOptions::getApiKeyHeader (
)
getApiKeyHeader
Returns
[classmy__options__a727e90da3b4ea169b2a82eb9b18bacab]
string myOptions::getFilesOwner (
)
getFilesOwner
Returns
[classmy__options__ac18bc0caecfad2a94d2ef3229b9dc87c]
string myOptions::getFullCurveChartFileName (
)
getFullCurveChartFileName
Returns
[classmy__options__a25d23439e1c690cacd8a2bb1e48c52a4]
string myOptions::getFullDataFileName (
)
getFullDataFileName
Returns
[classmy__options__a6edf6dbe101e80aefbd3b3b88235c948]
string myOptions::getFullHistoChartFileName (
)
getFullHistoChartFileName
Returns
[classmy__options__aa75a7617e000b82d2ce17507398796b3]
string myOptions::getFullLogFileName (
)

```

getFullLogFileName

Returns

[classmy\_\_options\_\_afd949ef1e8c02e4f106e0cee0ec9c8ca]

string myOptions::getFullPieChartFileName (

)

getFullPieChartFileName

Returns

[classmy\_\_options\_\_a551a6ebf3ea19667144bc222c9ffec0b]

string myOptions::getFullUrl (

)

getFullUrl

Returns

[classmy\_\_options\_\_ae3babeb9e632b9fb390feadc527c3330]

bool myOptions::isDisplay (

)

isDisplay

Returns

[classmy\_\_options\_\_a757be1653f62c255b5aef415a84cdad2]

void myOptions::readFromFile (

fileName

)

readFromFile

Parameters *fileName* &

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[classmy\_\_parsing]

[classmy\_\_parsing\_\_a6b5f94beb2d02670847a2c2a7e5c8500] myParsing ()

*myParsing*

const json & getMyJson () const

```

getMyJson
void setMyJson (const json &newMyJson)
setMyJson
myParsing * fromChar (char *str)
fromChar
string toString ()
toString
myParsing * fromFile (string fileName)
fromFile
int toFile (myOptions *options)
toFile
void appendToDatas (myOptions *options)
appendToDatas
void appendFileToDatas (string fileName)
appendFileToDatas
const json fromDatasFile (myOptions *options)
fromDatasFile
[classmy_parsing_ab599048e42b031e284a736002fee7f56]
void myParsing::appendFileToDatas (
fileName
)
appendFileToDatas
Parameters fileName &

[classmy_parsing_af03238a31541f7376cf84a335470ec19]
void myParsing::appendToDatas (
options
)
appendToDatas
Parameters options &

```



```
[classmy__parsing__a9e160e5990b04bfbcad93b4e191c330f]
myParsing * myParsing::fromChar (
  str
)
fromChar
Parameters str &
```

Returns

```
[classmy__parsing__a8792a4a8ad331d277b8424906607103c]
const json myParsing::fromDatasFile (
  options
)
fromDatasFile
Parameters options &
```

Returns

```
[classmy__parsing__ac8f1970ab4a6a476543a8e1feaa8465e]
myParsing * myParsing::fromFile (
  fileName
)
fromFile
Parameters fileName &
```

Returns

```
[classmy__parsing__a91315e3b81c99b3780e81701fbe528ce]
const json & myParsing::getMyJson (
) const
getMyJson
```

Returns

```
[classmy__parsing__a3c44bc291f4e2bbebdc10b11e25c2827]
void myParsing::setMyJson (
  newMyJson
```

```
)
setMyJson
Parameters newMyJson &

[classmy__parsing__a9e0f08244af45f69dbcb092cd258757c]
int myParsing::toFile (
options
)
toFile
Parameters options &
```

```
Returns
[classmy__parsing__a3bf8364dc5d5243f8b88b61324e28bd3]
string myParsing::toString (
)
toString
```

Returns

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```

```
[classmy__regex]
```

The myRegex class.

```
#include <myregex.h>
```

```
[classmy__regex__a9e0e33492205c19d34a39867d44bd881] myRegex ()
```

```
myRegex
```

```
static updatedAt ambeeDataGetDateTime (string updatedAtField)
```

```
ambeeDataGetDateTime
```

```
static string toFormatDDMMYY (string updatedAtField)
```

```
toFormatDDMMYY
```

```
static string toFormatHHMM (string updatedAtField)
```

```
toFormatHHMM
```

```
static string toFormatDDMMYYHHMM (string updatedAtField)
```

```
toFormatDDMMYYHHMM
```

The myRegex class.

```
[classmy__regex__ab2efd10d857d14ec51e12d161147dec9]
```

```
updatedAt myRegex::ambeeDataGetDateTime (
```

```
updatedAtField
```

```
)
```

```
ambeeDataGetDateTime
```

Parameters *updatedAtField* &

Returns

```
[classmy__regex__add8bf14713e69217204c0663a247623]
```

```
string myRegex::toFormatDDMMYY (
```

```
updatedAtField
```

```
)
```

```
toFormatDDMMYY
```

Parameters *updatedAtField* &

Returns

```
[classmy__regex__a5da33bc53960a92a8218fc4cf1bc2c5e]
```

```
string myRegex::toFormatDDMMYYHHMM (
```

```
updatedAtField
```

```
)
```

```
toFormatDDMMYYHHMM
```

Parameters *updatedAtField* &

Returns

```
[classmy__regex__a13c33cb4dab2c8500afe2459542871cf]
```

```
string myRegex::toFormatHHMM (
```

```
updatedAtField
```

```
)
```

```
toFormatHHMM
```

Parameters *updatedAtField* &

Returns

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AIQWA

1.0

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## Class Index

### Class Documentation

[struct\_color]

[struct\_color\_a5f09a6c80395540647b1c99ebfef4c87] string **nom**

[struct\_color\_a33ca44b441784e3f7dae3be6b118156f] int **indice**

[struct\_color\_a3cd71f006939f83ecd756f0ed28db40e] int **red**

[struct\_color\_afc8d0d81900a12497d1ce001e52b7020] int **green**

[struct\_color\_a51f2c5eb0ffc788331255fa1c7812880] int **blue**

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[struct\_curve\_chart\_params]

[struct\_curve\_chart\_params\_ac963ac0c84e84369e83c8bdc08782073] string **title**

[struct\_curve\_chart\_params\_a273d0faaedc91ce47854cc02ca332afa] string **description**

[struct\_curve\_chart\_params\_ae7307a38fee9a12145dd6cc37201a039] vector<dataSet > \* **dataSets**

[struct\_curve\_chart\_params\_ae80d96ba56a0391b4dccd8d79973df33] int **nbMeasures**

[struct\_curve\_chart\_params\_a19bb3d8e95a7ef62ec46937d96accd2d] int **colorIndex**

```
[struct_curve_chart_params_ac8b24b2263a7599447fe44659405a624] int title-Height
[struct_curve_chart_params_a3b8330326794367e2c547310d3623db0] int marginLeft
[struct_curve_chart_params_aa2ef7d81a073b0994ca1558d710af846] int marginBottom
[struct_curve_chart_params_ad1d4a0575b84cf959dcdb616b7a5d54f] int legendWidth
[struct_curve_chart_params_a5712491b0bd35485354fa597b456050d] float globalMax
[struct_curve_chart_params_a069077a8880c84c74d669b5a12d055fc] float globalMin
```

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```
[struct_data_element]
[struct_data_element_acf3935270ed77816aea92456fc4dff58] string label
[struct_data_element_a4514272341fa7be899842eafbd163d16] float abscisse
[struct_data_element_aa58ce51390be7cfaabc20971146d29d5] float value
```

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```
[structdata_set]
[structdata_set_a0015e5b107431ac2ab53ccc27aad6c9b] vector< DataElement
> * dataElements
[structdata_set_aa31247c15155d4d08693f436ca167e31] int colorIndex
[structdata_set_ab7075d2137a6b242e4067e42f8b82a43] string legend
```

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```
[structresponse]
[structresponse_a992083e67fe347ff66445061070d408d] char * memory
[structresponse_af2640d48c71866b9029b04083a77d36c] size_t size
```

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

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```
[structupdated_at]
```

[structupdated\_\_at\_\_a54ed64f5ca20e1b0ff18317c48721b5e] int **year**  
[structupdated\_\_at\_\_adcc980086c21cf09e204dd134362ee1c] int **month**  
[structupdated\_\_at\_\_af425ecda04eca03a55a8f5afecb47e29] int **day**  
[structupdated\_\_at\_\_a967ff702173fd1b7b4b602e1ee9f178e] int **hour**  
[structupdated\_\_at\_\_a5898ffb084cc5c2f148c30c4c1525b58] int **minute**  
[structupdated\_\_at\_\_a77fb0b61ba6ba275b284308069442a52] int **second**

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

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