Menu

- _books :std::vector<Books*>
- _id :int
- _members :std::vector<Members*>
+ m_Admin :Admin*

+ BookId(int&, bool) :bool
+ Clear() :void {query}
+ GetInteger(std::string&) :int {query}
+ LoadData() :void
+ Loan() :void
+ Login() :bool
+ ManageBook(std::string) :void
+ ManageMember(std::string) :void
+ MemberId(int&) :bool
+ Menu()
+ ~Menu()
+ prot(std::string&) :std::string
+ Return() :void
+ Return(Members*) :int
+ Run(std::string) :void
+ SaveData() :void
+ SearchBook() :void
+ Space(int, std::string&) :void {query}
+ SpecList(bool) :int
+ WriteMenu(std::string) :void {query}

Members

- # _eler :std::string
- # _id :int
- # _kivett :std::vector<Books*>
- # _kolcs_hossz :int
- # _lakcim :std::string
- # _max_konyv :int
- # _nev :std::string
- # _tid :int
- # _tipus :std::string
- # nextId :int

+ DateWhen(std::string) :std::string
+ Edit(int, std::string&) :void
+ FirstKolcs() :Books* {query}
+ GetCim() :std::string {query}
+ GetEler() :std::string {query}
+ GetId() :int {query}
+ GetKolcsSize() :int {query}
+ GetNev() :std::string {query}
+ GetType() :int {query}
+ Kolcs() :bool
+ list() :void
+ list_det() :void
+ list_f() :void
+ Loan(Books*, std::string) :bool
+ Loan_L(Books*, std::string) :bool
+ Members(std::string, std::string, std::string)
+ ~Members()
+ Return(int) :int
+ Space(int, std::string&) :void {query}

«friend»
+ operator<<(std::ostream&, Members*) :std::ostream&

Citizen

+ Citizen(std::string, std::string, std::string)
+ ~Citizen()
+ DateWhen(std::string) :std::string

Prof

+ DateWhen(std::string) :std::string
+ Kolcs() :bool
+ Loan(Books*, std::string) :bool
+ Prof(std::string, std::string, std::string)
+ ~Prof()

Student

+ DateWhen(std::string) :std::string
+ Student(std::string, std::string, std::string)
+ ~Student()

Others

+ DateWhen(std::string) :std::string
+ Others(std::string, std::string, std::string)
+ ~Others()

+_members

+m_Admin

+Loan()

+Return

-_ki

Admin

- jelszo :std::vector<std::string>
- nev :std::vector<std::string>

+ Admin()
+ ~Admin()
+ Login() :bool
- Login(std::string, std::string) :bool

«enumeration»
Admin::Exception

MISSING_FILE
BAD_INPUT

+_books

Books

- _c_len :int
- _cim :std::string
- _datum :std::string
- _evszam :int
- _id :int
- _isbn :std::string
- _k_len :int
- _ki :Members*
- _kiadas :int
- _kiado :std::string
- _sz_len :int
- _szabad :bool
- _szerzo :std::string
- nextId :int

+ Books(std::string, std::string, std::string, int, int, std::string)
+ Books(int, std::string, std::string, std::string, int, int, std::string)

MyDate

- _ev :int
- _hnap :int
- _nap :int
- napok :int

«enumeration»
MyDate::Exception

BAD_DATE_FORMAT

+ addMonth() :void
+ checkDate(int, int, int) :bool
+ getDate() :std::string

```
+   maElter()  :int
+   maiDatum()  :int
+   MyDate(int, int, int)
+   MyDate(string)
+   MyDate()
+   operator-(int)  :MyDate
+   operator+(int)  :MyDate
+   toDate(int)  :string {query}
```

```
+   ~Books()
+   GetDate()  :std::string {query}
+   GetId()  :int {query}
+   GetKi()  :Members* {query}
+   GetSzabad()  :bool {query}
+   list()  :void
+   list_det()  :void
+   list_f()  :void
+   list_f_det()  :void
+   Loan(std::string, Members*)  :bool
+   Return()  :void
+   Search(int, std::string&)  :bool
+   Space(int, std::string&)  :void {query}
+   ToLower(std::string)  :std::string
«friend»
+   operator<<(std::ostream&, Books*)  :std::ostream&
```