Abstract Database + HOST = "localhost"

- + DBNAME = "bnf"
- + USER = "root"
- + PASSWORD = ""

+ getConnection :PDO

BookManager

- PDO db
- +__construct : PDO
- + getBooks :?array
- + getBookByGetId : Book
- + deleteBook : bool
- + addBook(Book):bool
- + updateBookStatus(User):bool
- + updateBookStatusBack:bool

UserManager

- PDO db
- +__construct : PDO
- + getUsers:?array
- + getUserById: User
- + getUser(User): User

Book

- # id : int
- # isbn : string
- # title: string
- # author : string
- # publisher : string
- # publicationYear: string
- # pagesNumber: int
- # summary: string
- # quantity: int
- # bookType: string
- # bookNature: string
- # identificationBook: string
- # userLend: User
- # userId: string
- +__construct : array
- hydrate(array)

- # email: string

- # sex: string
- # birthDate: string
- # identificationUser: string
- # bookLend: Book
- +__construct : array
- hydrate(array)

User

- + const SEX = ["h","f"]
- # id : int
- # lastname: string
- # firstname: string
- # city: string
- # cityCode: int
- # adress: string

- # borrowingDate: string