LAND TOOSOUILL bb **ISBNClass** UserPersonalInfo - cl_type: AJIOBTypes::ISBNType::ISBNType - name: String - cl_fields: ISBNOnePart ([AJIOB_Const::numOfISBNFields]) surname: String fatherName: String CalculateISBN10CheckDigit(): uli query passportNumber: String - CalculateISBN13CheckDigit(): uli query - GetAsNumWithoutCheckDigit(): ulli query + UserPersonalInfo() + ISBNClass() + ISBNClass(std::string&) + getName(): String& + ~ISBNClass() + setName(String&): void + toString(): std::string query + getSurname(): String& + ParseString(std::string&): bool + setSurname(String&): void + operator==(ISBNClass&): bool query + getFatherName(): String& + operator!=(ISBNClass&): bool query + setFatherName(String&): void + operator>(ISBNClass&): bool query + getPassportNumber(): String& + operator<(ISBNClass&): bool query + setPassportNumber(String&): void + operator[](int): ISBNOnePart8 -personalinfo / + operator[](int): ISBNOnePart& query -ISBN / User - _id: DB_ID - id: DB ID login: String - cryptedPassword: String - authors: std::list<Author> Author - name: String - privelege: UserPriveleges - personalinfo: UserPersonalinfo - _id: DB_ID - year: li name: String - pageCount: uli + User(DB_ID&, String&) - surname: String - copies: std::list<BookCopy> fatherName: String + Book(DB_ID&, uli&) + isPasswordCorrect(String&): bool query + ~Book() + setPassword(String&, String&): bool + Author(DB ID&) + GetNumOfAllCopies(): uli query + resetPassword(): void + ~Author() + getId(): DB_ID query + getName(): String query + GetNumOfCopiesInLibrary(): usi + getLogin(): String query + setName(String): void + getId(): DB_ID query + setLogin(String&): void + getSurname(): String query + getISBN(): ISBNClass query + setISBN(ISBNClass&): void + getCryptedPassword(): String query + setSurname(String): void + getPrivelege(): UserPriveleges query + getId(): DB_ID query + getAuthors(): std::list<Author> query + setPrivelege(UserPriveleges): void + getFatherName(): String query + setAuthors(std::list<Author>&): void + getPersonalInfo(): UserPersonalInfo query + setFatherName(String&): void + getName(): String query setPersonalInfo(UserPersonalInfo&): void + operator==(Author&): bool query + setName(String&): void + getYear(): li query + setYear(li): void + getPageCount(): uli query + setPageCount(uli): void + getCopies(): std::list<BookCopy> query + addCopy(BookCopy&): void + getAuthorsAsString(): std::string query Transfer + getAuthorsAsString(std::list<Author>&): std::string - cl ID: DB ID - id -_id \ - cl_copyID: DB_ID - cl userID: DB ID **BookCopy** DB_ID - cl firstGetDate: Date - cl lastContinueDate: Date id: DB ID - cl_isEmpty: bool cl returnDate: Date id: bsoncxx::oid isArchieved: bool + Transfer(DB_ID&, DB_ID&, DB_ID&, Date&, Date&, Date&) isGettedOut: bool -cl_copyID + DB_ID(bool) + getId(): DB_ID query + BookCopy(DB_ID&) + DB_ID(std::string&) + getCopyId(): DB_ID query -cl_userID + ~BookCopy() + ~DB_ID() + getUserId(): DB_ID query + getId(): DB_ID query + toString(): String query + getF irstGetDate(): Date query + isEmpty(): bool query + getIsArchieved(): bool query + getLastContinueDate(): Date query setIsArchieved(bool): void + getObjectID(): bsoncxx::oid query + getReturnDate(): Date query + operator==(DB_ID&): bool query + getIsGettedOut(): bool query + operator<(Transfer&): bool query + operator!=(DB_ID&): bool query setIsGettedOut(bool): void + operator>(Transfer&): bool query ГУИР.400201.117 РР Масса Μαсштаδ Диаграмма Изм.Лист № докум. Подп. Дата Разраб. Оверченко классов Προβ. Костенич Листов 1 Т.контр /lucm Реценз. ЭВМ, гр.550504 Н.контр

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