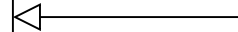


BasicUser
# database: CurrManager
+ <<constructor>> BasicUser(database: CurrManager) + getDatabase(): CurrManager + convert(from: String, to: String, amount: double): double + getCurrencyCodes(): String[] + getHistory(currOne: String, currTwo: String, startDate: String, endDate: String): String[][] + getMedian(currOne: String, currTwo: String, startDate: String, endDate: String): double + getAverage(currOne: String, currTwo: String, startDate: String, endDate: String): double + getMinimum(currOne: String, currTwo: String, startDate: String, endDate: String): double + getMaximum(currOne: String, currTwo: String, startDate: String, endDate: String): double + getSD(currOne: String, currTwo: String, startDate: String, endDate: String): double + getPopular4Header(): String[] + getPopular4Data(): String[][] + checkState(currOne: String, currTwo: String): String

Admin
+ <<constructor>> Admin(database: CurrManager) + addCurrency(exhcode: String, name: String): void + addExchange(from: String, to: String, rate: double): void + addPopularCurrency(arr: String[]): void + reset(): void



CurrManager
- dbConn: Connection - openStatement: Statement - BasicCurrencies: String[][] - BasicExchanges: String[][]
+ <<constructor>> CurrManager() + openConn(): int + closeConn(): int + dropAllTables(): int + dropPopularFour(): int + addCurrency(exchCode: String, currName: String): int + addBasicSix(): int + getCurrName(exchCode: String): String + getAllCurrencies(): HashMap<String, String> + setPopularFour(currencyList: String[]): int + getPopularFour(): String[] + addExchange(currOne: String, currTwo: String, convValue: double): int + getExchange(currOne: String, currTwo: String): double + getExchangeToDisp(currOne: String, currTwo: String): String + getExchangeHist(currOne: String, currTwo: String, dayOne: String, dayTwo: String): ArrayList<ArrayList<String>> + getSummaries(currOne: String, currTwo: String, dayOne: String, dayTwo: String): HashMap<String, Double> + getLatestThreeHist(currOne: String, currTwo: String): Double[]

App
+ desktop: Desktop
+ <<constructor>> App() + getDesktop(): Desktop