UML

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| database | | | |
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| +Database()  +connect(): Connection | +close(Connection conn): void | +pullData(Connection conn): void | +pullData(Connection conn, String home): void |

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| MaristDB | | | | | | | |
| -tuition: long | -roomAndBoard:long | | -bookAndSupplies:long | | -personalMiscellaneous: long | | -minGPA: double |
| + MaristDB ()  + connect(): Connection | | + pullData(Connection conn): void  + getPersonalMiscellaneous(): long | | + getTuition(): long  + close(): void | | + getBookAndSupplies(): long  + getMinGPA(): double  + getRoomAndBoard(): long | |

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| StudentDB | | | | |
| -ids: ArrayList<Integer>  -firstName: ArrayList<String>  -lastName: ArrayList<String>  -home: ArrayList<String> | | -gpa: ArrayList<Double>  -classPerform: ArrayList<Integer>  -studentStatus: ArrayList<String> | | -awardSch: ArrayList<Integer>  -thirdSch: ArrayList<Integer>  -famCont: ArrayList<Integer> |
| + StudentDB()  + connect(): Connection  + close(): void  + pullData(Connection conn): void  + getIds():ArrayList<Integer> | + getFirstName(): ArrayList<String>  + getLastName(): ArrayList<String>  + getGpa():ArrayList<Double>  + getClassPerform(): ArrayList<Integer>  + getAwardSch(): ArrayList<Integer> | | + getThirdSch(): ArrayList<Integer>  + getFamCont(): ArrayList<Integer>  + getHome(): ArrayList<String>  + getStudentStatus(): ArrayList<String> | |

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| LocationDB | | |
| -city: String  -state: String  -totalHousehold: int  -families: int  -marriedCouple: int  -nonfamily: int  -totalHouseholdMedianIncome: int  -familiesMedianIncome: int  -marriedCoupleMedianIncome: int  -nonfamilyMedianIncome: int  -totalHouseholdMeanIncome: int  -familiesMeanIncome: int  -marriedCoupleMeanIncome: int  -nonfamilyMeanIncome: int  -less10kHouseholdPer: double  -less10kFamiliesPer: double  -less10kMarriedCouplePer: double  -less10kNonfamilyPer: double | -less15kHouseholdPer: double  -less15kFamiliesPer: double  -less15kMarriedCouplePer: double  -less15kNonfamilyPer: double  -less25kHouseholdPer: double  -less25kFamiliesPer: double  -less25kMarriedCouplePer: double  -less25kNonfamilyPer: double  -less35kHouseholdPer: double  -less35kFamiliesPer: double  -less35kMarriedCouplePer: double  -less35kNonfamilyPer: double  -less50kHouseholdPer: double  -less50kFamiliesPer: double  -less50kMarriedCouplePer: double  -less50kNonfamilyPer: double  -less75kHouseholdPer: double  -less75kFamiliesPer: double | -less75kMarriedCouplePer: double  -less75kNonfamilyPer: double  -less100kHouseholdPer: double  -less100kFamiliesPer: double  -less100kMarriedCouplePer: double  -less100kNonfamilyPer: double  -less150kHouseholdPer: double  -less150kFamiliesPer: double  -less150kMarriedCouplePer: double  -less150kNonfamilyPer: double  -less200kHouseholdPer: double  -less200kFamiliesPer: double  -less200kMarriedCouplePer: double  -less200kNonfamilyPer: double  -more200kHouseholdPer: double  -more200kFamiliesPer: double  -more200kMarriedCouplePer: double  -more200kNonfamilyPer: double |
| +LocationDB ()  +connect(): Connection  +close(): void  +pullData(Connection conn): void  +getCity(): String  +getState: String  +getTotalHousehold: int  +getFamilies: int  +getMarriedCouple: int  +getNonfamily: int  + getTotalHouseholdMedianIncome: int  +getFamiliesMedianIncome: int  +getMarriedCoupleMedianIncome: int  +getNonfamilyMedianIncome: int  +getTotalHouseholdMeanIncome: int  +getFamiliesMeanIncome: int  +getMarriedCoupleMeanIncome: int | +getNonfamilyMeanIncome: int  +getLess10kFamiliesPer: double  +getLess10kHouseholdPer: double  +getLess10kMarriedCouplePer: double  +getLess10kNonfamilyPer: double  +getLess15kHouseholdPer: double  +getLess15kFamiliesPer: double  +getLess15kMarriedCouplePer: double  + getLess15kNonfamilyPer: double  +getLess25kHouseholdPer: double  +getLess25kFamiliesPer: double  +getLess25kMarriedCouplePer: double  +getLess25kNonfamilyPer: double  +getLess35kHouseholdPer: double  +getLess35kFamiliesPer: double  +getLess35kMarriedCouplePer: double  +getLess35kNonfamilyPer: double  +getLess50kHouseholdPer: double  +getLess50kFamiliesPer: double  +getLess50kMarriedCouplePer: double  +getLess50kNonfamilyPer: double | +getLess75kHouseholdPer: double  +getLess75kFamiliesPer: double  +getLess75kMarriedCouplePer: double  +getLess75kNonfamilyPer: double  +getLess100kHouseholdPer: double  +getLess100kFamiliesPer: double  +getLess100kMarriedCouplePer: double  +getLess100kNonfamilyPer: double  +getLess150kHouseholdPer: double  +getLess150kFamiliesPer: double  +getLess150kMarriedCouplePer: double  +getLess150kNonfamilyPer: double  +getLess200kHouseholdPer: double  +getLess200kFamiliesPer: double  +getLess200kMarriedCouplePer: double  +getLess200kNonfamilyPer: double  +getMore200kHouseholdPer: double  +getMore200kFamiliesPer: double  +getMore200kMarriedCouplePer: double  +getMore200kNonfamilyPer: double |