

COMP 249 Assignment 2 UML  
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Package1

parent

Event

- year: int  
- month: int  
- numCities: int

+ equals(Object obj): boolean  
+ toString(): String  
+ getYear(): int  
+ getMonth(): int  
+ getNumCities(): int  
+ setYear(int year): void  
+ setMonth(int month): void  
+ setNumCities(int numCities): void  
+ Event()  
+ Event(int year, int month, int numCities)  
+ Event(Event e)

parent

Package2

child

Festival

- name: String  
- ticketPrice: double  
- duration: int

+ equals(Object obj): boolean  
+ toString(): String  
+ getName(): String  
+ getTicketPrice(): double  
+ getDuration(): int  
+ setName(String Name): void  
+ setTicketPrice(double ticketPrice): void  
+ setDuration(int duration): void  
+ Festival()  
+ Festival(int year, int month, int numCities, String name, double ticketPrice, int duration)  
+ Festival(Festival f)

parent

parent

child

child

Musicfiesta

- numBands: int

+ equals(Object obj): boolean  
+ toString(): String  
+ getNumBands(): int  
+ setNumBands(int numBands): void  
+ Musicfiesta()  
+ Musicfiesta(int year, int month, int numCities, String name, double ticketPrice, int duration, int numBands)  
+ Musicfiesta(Musicfiesta m)

Culturalfiesta

- numSpokenLang: int

+ equals(Object obj): boolean  
+ toString(): String  
+ getNumSpokenLang(): int  
+ setNumSpokenLang(int numSpokenLang): void  
+ Culturalfiesta()  
+ Culturalfiesta(int year, int month, int numCities, String name, double ticketPrice, int duration, int numSpokenLang)  
+ Culturalfiesta(Culturalfiesta cf)

Main

Main

+ Search(Event[] a): void  
+ copyFestival(Event[] a): Event[]  
+ displayArray(Event[] a): void

Package3

child

Fair

- numExhibitors: int  
- type: Type

+ equals(Object obj): boolean  
+ toString(): String  
+ getNumExhibitors(): int  
+ getType(): Type  
+ setNumExhibitors(int numExhibitors): void  
+ setType(Type type): void  
+ Fair()  
+ Fair(int year, int month, int numCities, int numExhibitors, Type type)  
+ Fair(Fair f)

Package4

SportCompetition

child

- numActivities: int  
- season: Season

+ equals(Object obj): boolean  
+ toString(): String  
+ getNumActivities(): int  
+ getSeason(): Season  
+ setNumActivities(int numActivities): void  
+ setSeason(Season season): void  
+ SportCompetition()  
+ SportCompetition(int year, int month, int numCities, int numActivities, Season season)  
+ SportCompetition(SportCompetition s)

<<Enumeration>>  
Season

Winter  
Spring  
Summer  
Fall

<<Enumeration>>  
Type

Career  
Science  
Trade  
Travel