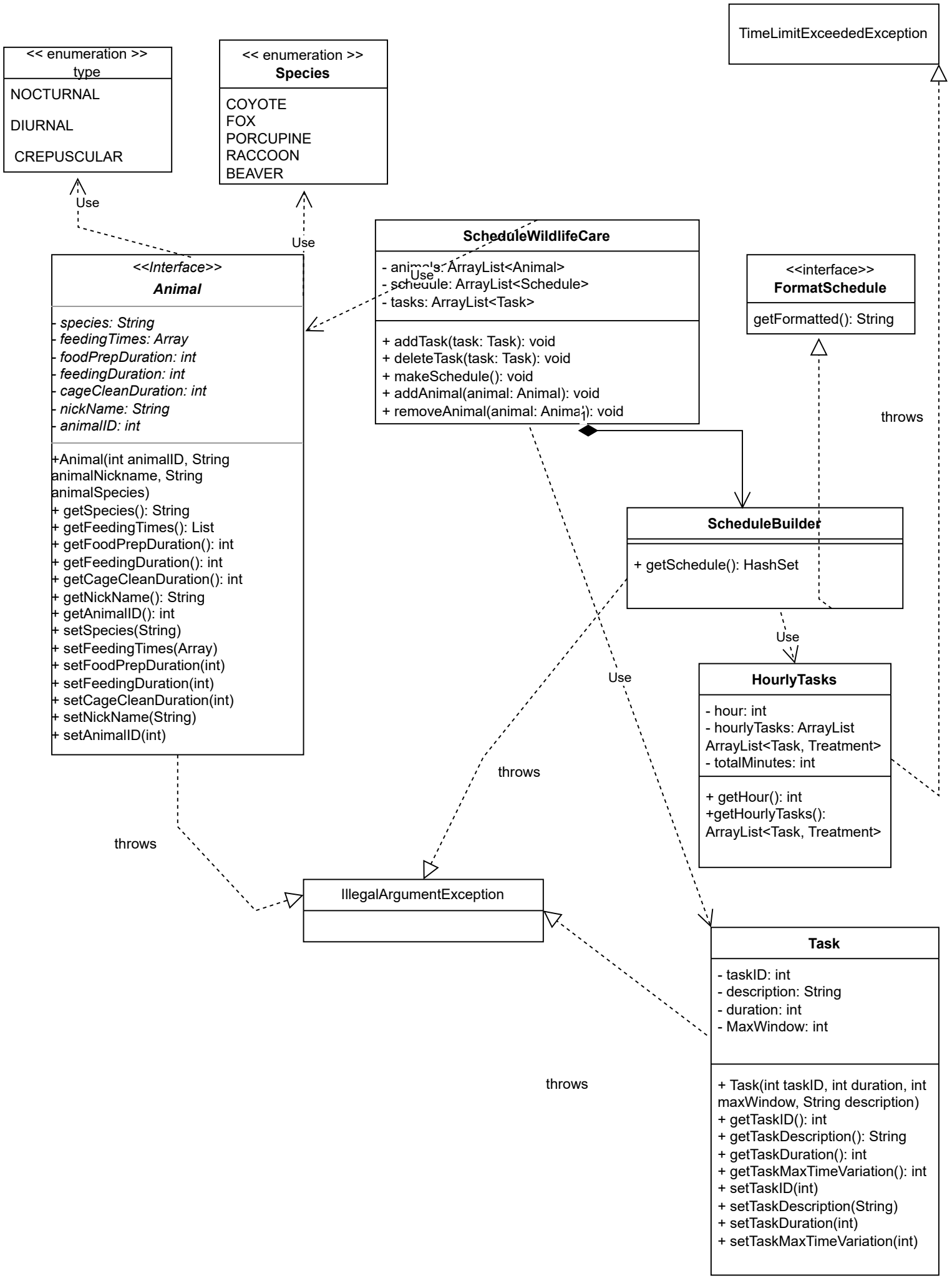
<< enumeration >>
type
NOCTURNAL
DIURNAL
CREPUSCULAR
<< enumeration >>
Species
COYOTE
FOX
PORCUPINE
RACCOON
BEAVER
TimeLimitExceededException
Use
Use
ScheduleWildlifeCare
- animals: ArrayList<Animal>
- schedule: ArrayList<Schedule>
- tasks: ArrayList<Task>
+ addTask(task: Task): void
+ deleteTask(task: Task): void
+ makeSchedule(): void
+ addAnimal(animal: Animal): void
+ removeAnimal(animal: Animal): void
Use
<<Interface>>
Animal
- species: String
- feedingTimes: Array
- foodPrepDuration: int
- feedingDuration: int
- cageCleanDuration: int
- nickName: String
- animalID: int
+Animal(int animalID, String animalNickname, String animalSpecies)
+ getSpecies(): String
+ getFeedingTimes(): List
+ getFoodPrepDuration(): int
+ getFeedingDuration(): int
+ getCageCleanDuration(): int
+ getNickName(): String
+ getAnimalID(): int
+ setSpecies(String)
+ setFeedingTimes(Array)
+ setFoodPrepDuration(int)
+ setFeedingDuration(int)
+ setCageCleanDuration(int)
+ setNickName(String)
+ setAnimalID(int)
<<interface>>
FormatSchedule
getFormatted(): String
throws
ScheduleBuilder
+ getSchedule(): HashSet
Use
HourlyTasks
- hour: int
- hourlyTasks: ArrayList ArrayList<Task, Treatment>
- totalMinutes: int
+ getHour(): int
+getHourlyTasks(): ArrayList<Task, Treatment>
Use
throws
throws
IllegalArgumentException
Task
- taskID: int
- description: String
- duration: int
- MaxWindow: int
+ Task(int taskID, int duration, int maxWindow, String description)
+ getTaskID(): int
+ getTaskDescription(): String
+ getTaskDuration(): int
+ getTaskMaxTimeVariation(): int
+ setTaskID(int)
+ setTaskDescription(String)
+ setTaskDuration(int)
+ setTaskMaxTimeVariation(int)
throws