**Keep My Pets**

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<https://github.com/MichaelDasseville/OntologyProject>

**Keep My Pets** is a system that answer to **owner** of domestic animals that don’t know where to put their pets during vacations. And to cut the number of animals abandoned **keep my** **pets** helps **shelter** to find family that want to **adopt** pets.

We know that the summer holidays is the time when animals are the most **abandoned**. So we can help owner to find easily cheap **guardian** to **keep pets**. We propose two way of keep system. The first is **free**, the **owner** find a **guardian** to **keep** his pet or pets free on a length of days. After the owner will keep pet or pets on the same length of days free. The second isn’t free, the **owner** will **pay** the **guardian** for a length of days so will not have to keep pets after.

Also we help **shelters** and **adopters** to find each other. Adopters can find pets on our system and can contact shelter to adopt pet.

We can go further by helping owner, shelter, guardian to find **veterinary**. So we can propose veterinary that will take **care** of pets and help adopters to find a pets as they want.

So we have two classes human and pets that are disjoint. Where human has five subclasses adopter, guardian, owner, shelter, veterinary. Veterinary is disjoint with all other. It’s the same for shelter. But adopter, guardian, owner are just disjoint with veterinary and shelter. Guardian can be free and pay, so freeGuarian is a subclass of guardian and owner and payedGuardian is a subclass of guardian.

Pets has three subclasses cats, dogs, other, that are all disjoint with each other. Other is all other domestic animals such as birds, rabbits, etc.

We have also some class property. Such as ‘adopt’, where adopter adopt pets than this pets are an ‘adoptedPets’. The opposite property is ‘adoptedBy’. An other property is ‘keep’, where guardian keep pets so this pets are ‘guardedPets’.The opposite property is ‘isKeep’. To be more specific we don’t use ‘adoptedPet’ but ‘apodtedDogs’, ‘adoptedCats’, ‘adoptedOther’. this is the same for ‘guardedPets’. One other property is ‘host’, where shelter host pets waiting for adopters. The opposite property is ‘hostedBy’. ‘Own’ is a property where Owner own pets. The opposite property is ‘belongTo’. ‘pay’ is an other property because an owner pay a ‘payedguardian’. the opposite property is ‘payedBy’. The last property is ‘care’ where veterinary care pets. the opposite property is ‘isCaredBy’.