

```
In [1]: from peewee import *
```

```
In [2]: db = SqliteDatabase('people.db')
```

```
In [3]: class Person(Model):  
        name = CharField()  
  
        class Meta:  
            database = db
```

```
In [4]: class Pet(Model):  
        owner = ForeignKeyField(Person, backref="pets")  
        name = CharField()  
        animal_type = CharField()  
  
        class Meta:  
            database = db
```

```
In [5]: db.connect()  
db.create_tables([Person, Pet])
```

```
In [6]: uncle_bob = Person(name='Bob')  
uncle_bob.save()
```

```
Out[6]: 1
```

```
In [7]: grandma = Person.create(name='Grandma')  
grandma.save()
```

```
Out[7]: 1
```

```
In [8]: herb = Person.create(name='Herb')  
herb.save()
```

```
Out[8]: 1
```

```
In [9]: grandma.name
```

```
Out[9]: 'Grandma'
```

```
In [10]: bob_kitty = Pet.create(owner=uncle_bob,  
                                name='Kitty',  
                                animal_type='cat')  
bob_kitty.save()
```

```
Out[10]: 1
```

```
In [11]: herb_fido = Pet.create(owner=herb,  
                                name='Fido',  
                                animal_type='dog')  
herb_fido.save()
```

```
Out[11]: 1
```

```
In [12]: herb_kittens = Pet.create(owner=herb,  
                                    name='Kittens',  
                                    animal_type='cat')  
herb_kittens.save()
```

```
Out[12]: 1
```

```
In [13]: herb_kittens_jr = Pet.create(owner=herb,
                                     name='Kittens Jr.',
                                     animal_type='cat')
herb_kittens_jr.save()
```

Out[13]: 1

```
In [14]: herb_kittens.delete_instance()
```

Out[14]: 1

```
In [15]: herb_fido.owner = uncle_bob
herb_fido.save()
```

Out[15]: 1

```
In [18]: grandma = Person.select().where(Person.name == "Grandma").get()
```

```
In [19]: grandma.name
```

Out[19]: 'Grandma'

```
In [20]: for person in Person.select():
         print(person.name)
```

Bob
Grandma
Herb

```
In [21]: query = Pet.select().where(Pet.animal_type == 'cat')
         for pet in query:
             print(pet.name, pet.owner.name)
```

Kitty Bob
Kittens Jr. Herb

```
In [22]: query = (Pet
                 .select(Pet, Person)
                 .join(Person)
                 .where(Pet.animal_type == 'cat'))
         for pet in query:
             print(pet.name, pet.owner.name)
```

Kitty Bob
Kittens Jr. Herb

```
In [24]: for pet in Pet.select().join(Person).where(Person.name == "Bob"):
         print(pet.name)
```

Kitty
Fido

```
In [25]: for pet in Pet.select().where(Pet.owner == uncle_bob):
         print(pet.name)
```

Kitty
Fido