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1 MySQL connection

1. install mysqlclient
2. set mysql as database engine
3. defaults -> OPTION -> "read_default_file": "path/to/mysql.cnf"

2 Models

2.1 verbose_name

2.1.1 Each field type, except for Keys

```
first_name = models.CharField("person's first name", max_length=30)
```

2.1.2 for Keys field

```
sites = models.ManyToManyField(Site, verbose_name="list of sites")
```

we can use this approach for the other field type too.

2.1.3 for Model

create subclass Meta in the model then add verbose_name and verbose_name_plural attributes.

2.2 on_delete

2.2.1 models.CASCADE

deletes the object containing the ForeignKey.(when parent delete related children delete too)

2.2.2 models.SET_NULL

Set the ForeignKey null; this is only possible if null is True.(if parent delete children set the foreign key null)

2.2.3 models.Protected

Prevent the deletion, first delete children then delete parent.

3 Installing an App

add 'app_name' or 'app_name.apps.MainConfig' to the INSTALLEDAPP in the setting with the second approach we add some configuration to the app like verbose_name

4 Farsi language and Tehran Time

LANGUAGE_CODE = 'fa-ir' TIME_ZONE = 'Asia/Tehran'