

inheritance

Inheritance is the process by which a class can take methods and attributes from a superior class, avoiding code repetition when several classes have common attributes or methods.

It is possible to create a "*child*" class by simply passing the class from which we want to inherit, as a parameter:

```
class Character:

    def __init__(self, name, tool):
        self.name = name
        self.tool = tool

class Wizard(Character):
    pass

merlin = Wizard("Merlin", "cauldron")
```

A "*child*" class can override methods or attributes, as well as define new ones, that are specific to this class.