

U63VCB8AH : What is an pythonic way to specify class dependencies?

```
U13L8J76J : ```class Foo:
    def __init__(self, dependency_a, dependency_b):
...
...
...`
```

U63VCB8AH : How would I inject those dependencies? Are there any good DI package?

U63VCB8AH : <@U13L8J76J>

U13L8J76J : <@U63VCB8AH> `foo = Foo(dependency_a, dependency_b)`

U13L8J76J : You don't need DI framework in python, really

U63VCB8AH : I'm used to strictly typed languages

U63VCB8AH : haha

U63VCB8AH : So I just need to rely on duck typing?

U13L8J76J : Yep, just pass arguments around

```
U63VCB8AH : ```class User():
    name = "
    email = "

    def __init__(self, name, email, json):
        self.name = name
        self.email = email
        self.json = json

    def toJson(self):
        return self.json.dumps({
            'name': self.name,
            'email': self.email,
...
...`
```

U63VCB8AH : is this pythonic? <@U13L8J76J>

U5NMSURQAQ : `self.json = json` I think there is a better name for this parameter

U63VCB8AH : Or would you just use the `json` module without specifying it as a dep in the constructor?

U5NMSURQAQ : yes, this!

U63VCB8AH : why? just interested :slightly_smiling_face:

U63VCB8AH : because it is a built-in?

U5NMSURQAQ : `to_json` only makes sense with json, and json is always available

U63VCB8AH : ```import json

```
class User():
    name = "
    email = "

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

    def to_json(self):
        return json.dumps({
            'name': self.name,
            'email': self.email,
...
...`
```

U63VCB8AH : like this?

U5NMSURQAQ : I think it's quite nice

U5NMSURQAQ : btw, you don't need```

```
name = "
email = "
```

...

in your class definition

U5NMSURQA : `self.name` sets an attribute for every new instance already

U63VCB8AH : I know but I think it's more explicit

U63VCB8AH : What would I use if I would to serialize SQLAlchemy model result?

U63VCB8AH : would like to be able to encode the results as JSON or cast it to a dict

U63VCB8AH : Is `marshmallow` any good or is there anyway to it with pure python easily? Can I implement a special attribute like `__json__`?

U5NMSURQA : marshmallow is the tool to go