Project re-structuration

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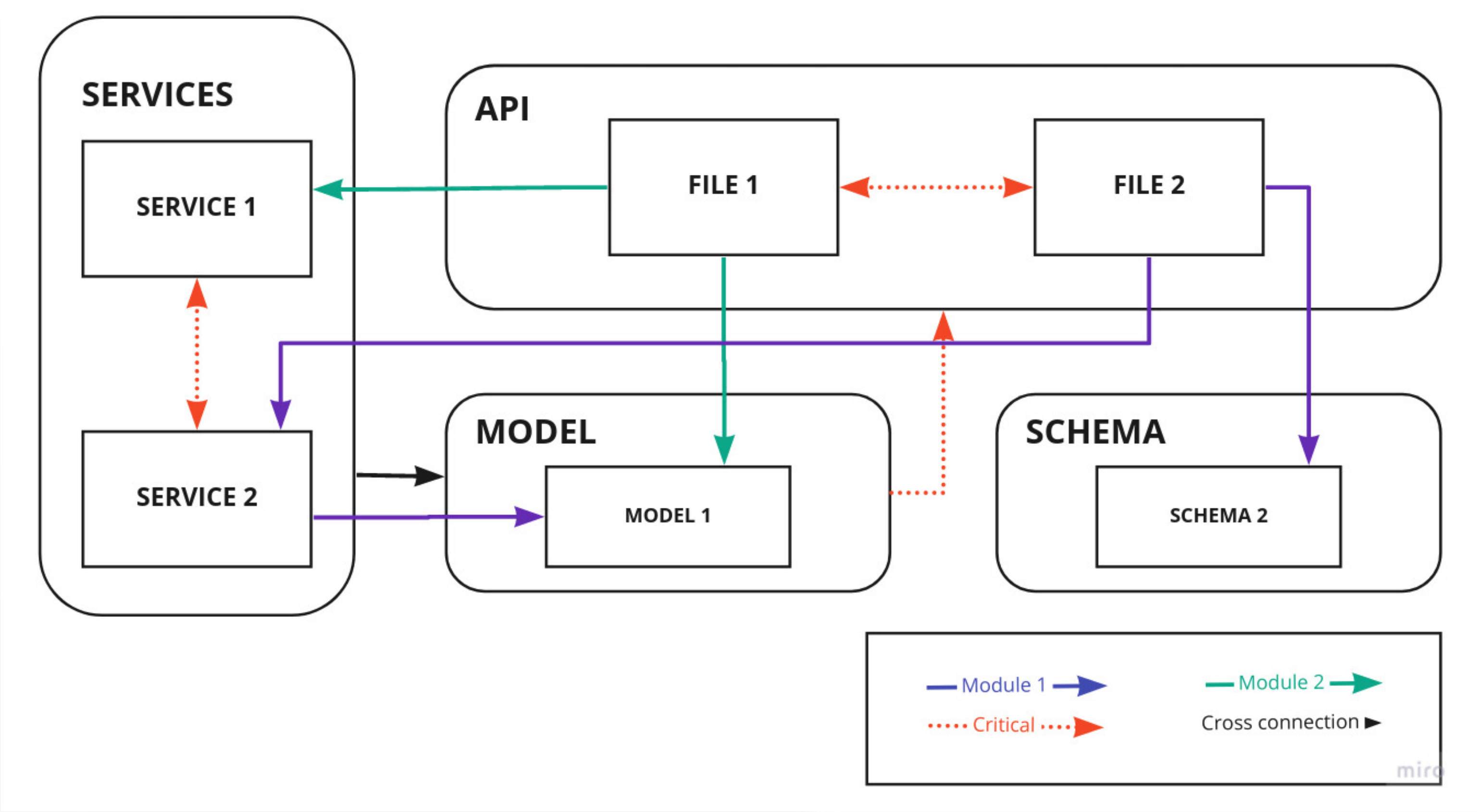
Current structure

```
API
      - File1-module
      - File2-module
MODELS
      - Model1
      - Model2
SERVICES
      - File1-module
      - File2-module
SCHEMA
      - File1-module
      - File2-module
```

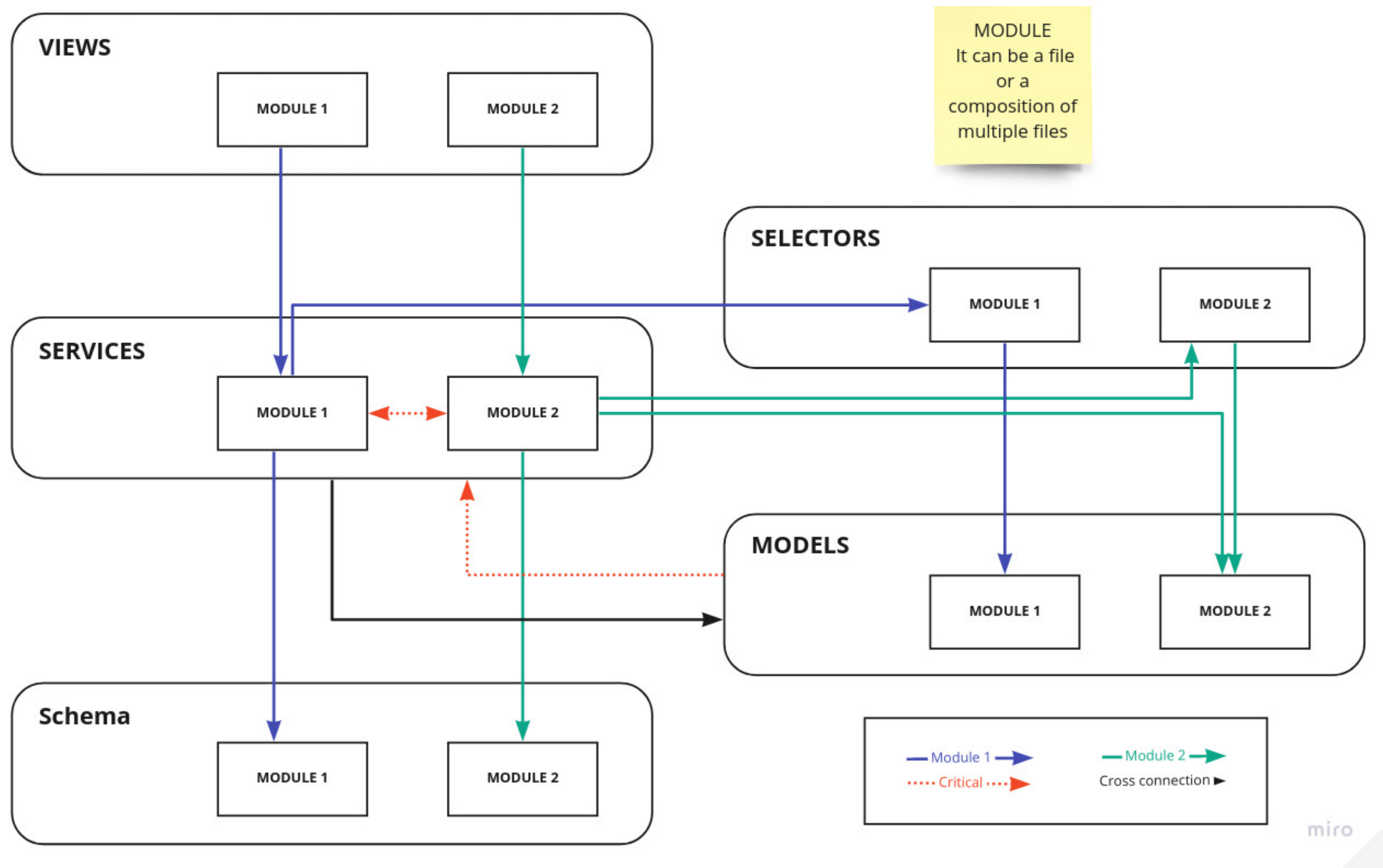


File types proposal

File	Description
Models	Database models
Services	Business logic
Selectors	Data access orm services
Schema	Validate Python data structures
Views	Logic that respond to requests to the application

Functional based structure

```
VIEWS
      - Settings
            - File1-module
      - Company
            - File1-module
MODELS
      - Settings
            - File1-module
      - Company
            - File1-module
SCHEMAS
      - Settings
            - File1-module
      - Company
            - File1-module
```

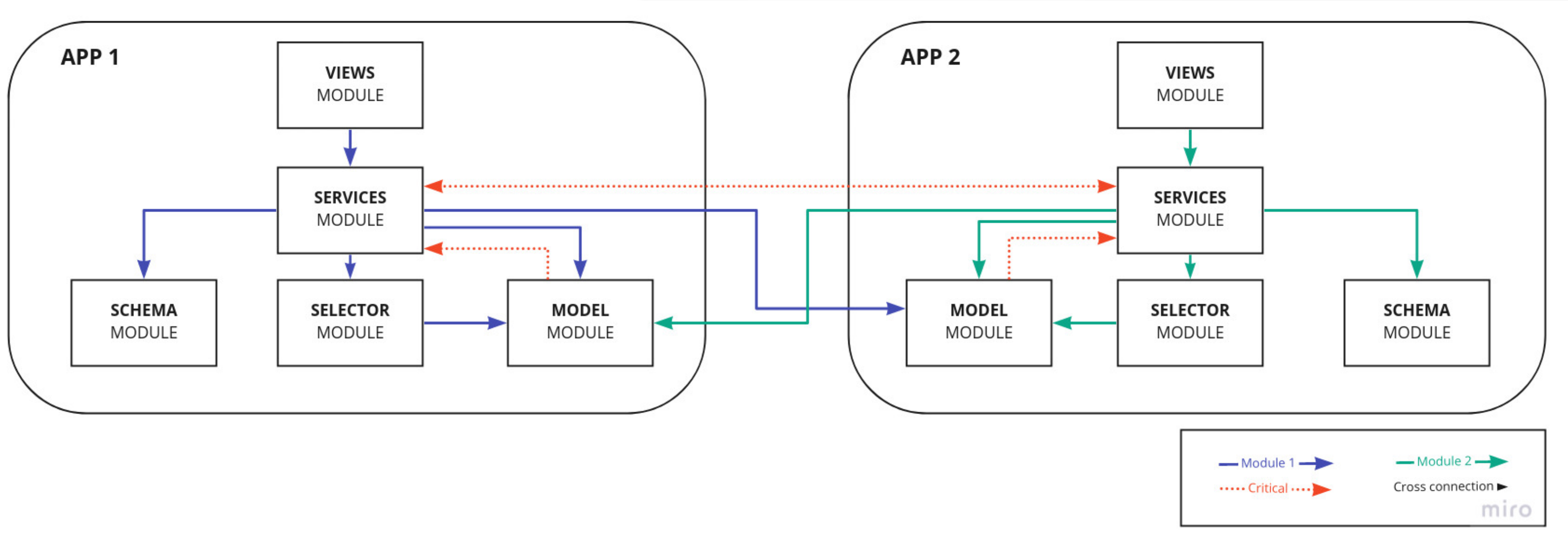


MODULE
It can be a file
or a
composition of
multiple files

App based structure

```
SETTINGS
      - services.py
      - views.py
      - selectors.py
      - schema.py
      - models.py

COMPANY
      - services.py
      - views.py
      - selectors.py
      - schema.py
      - models.py
```



Analysis

FUNCTIONAL BASED VS APP BASED

Questions

- What to do with the classes that are highly coupled?
- When has a file to be splitted?
- How should be grouped the files which are part of the same category? EX: services -> File1/File2

Considerations

- **Test** are going to **keep apart from the other files** as it is today, but it should adopt internally the **same structure of the main folder**
- Each function needs is own **test class** if we are doing **unittesting**

Small steps add up