Everything related to Fixtures in Frappe framework

Fixtures Intro.

o   way of creating: [1. **custom fields**, 2. **properties**, or 3. **Data**] during installation or update app..

o   good way That allow you to customize/extend functionality of existing DocTypes or other

   components of the Frappe FW without modifying the core code..

o   Fixtures help ensure that your application starts with consistent and predictable data, making it

   easier to reproduce specific scenarios and test your application's functionality.

▪ ## Common Uses:

   ⇒ **(custom fields):**   Adding custom fields to standard DocTypes (in any app)

   ⇒ **(Property Star):**   Setting up default values/options for some Fields

   ⇒ **(master data):**   Populating master data/records "that requires to function properly".

▪ ## steps:

1) Create custom **Fields**, **Properties**, **Data**

2) In hooks.py file of App: `fixtures = [{obj1}, {obj2}, {obj3},...]`

3) Run command: **(That>> generate JSON file with definition of fixtures in "fixtures folder")**
```
bench --site mysite export-fixtures
```

4) Add & Commit & push your app to a remote repository.

5) Test by: >> install or update your app in a new site... **(fixtures will be automatically applied)**
```
bench update
bench install-app
```

- ## **## Syntax**

fixtures	is a list of dictionary_objects: `fixtures = [{obj1}, {obj2}, {obj3},...]`

dictionary_object
(with filters):
	```{dict_obj1} => {```
	``` "doctype":"doctype_name",```
	``` "filters": [list_of_filter_ param]```
	``` }```

[list_of_filter_ param]	• a list containing:
	`fieldname, operator, [value]`
	
	```list_of_filter_criteria => {```
	``` "fieldname",["operator", ["Value1","Value2",..]]```
	```}```

"operator"
allowed operators
	"operator" : **that be one of**
	`"="  "!="  "is"`
	`">"  "<"  ">="  "<="`
	`"like"  "not like"`
	`"in"  "not in" "between"`
	`"descendants of" "ancestors of" "not descendants of" "not ancestors of"`

Full Code >>	```fixtures = [```
	``` {```
	``` "doctype":"doctype_name",```
	``` "filters": {```
	``` "fieldname" : ["operator", ["Value1","Value2"..]]```
	``` }```
	``` }```
	```]```