

CONFIGURABLE APP: USERGUIDE

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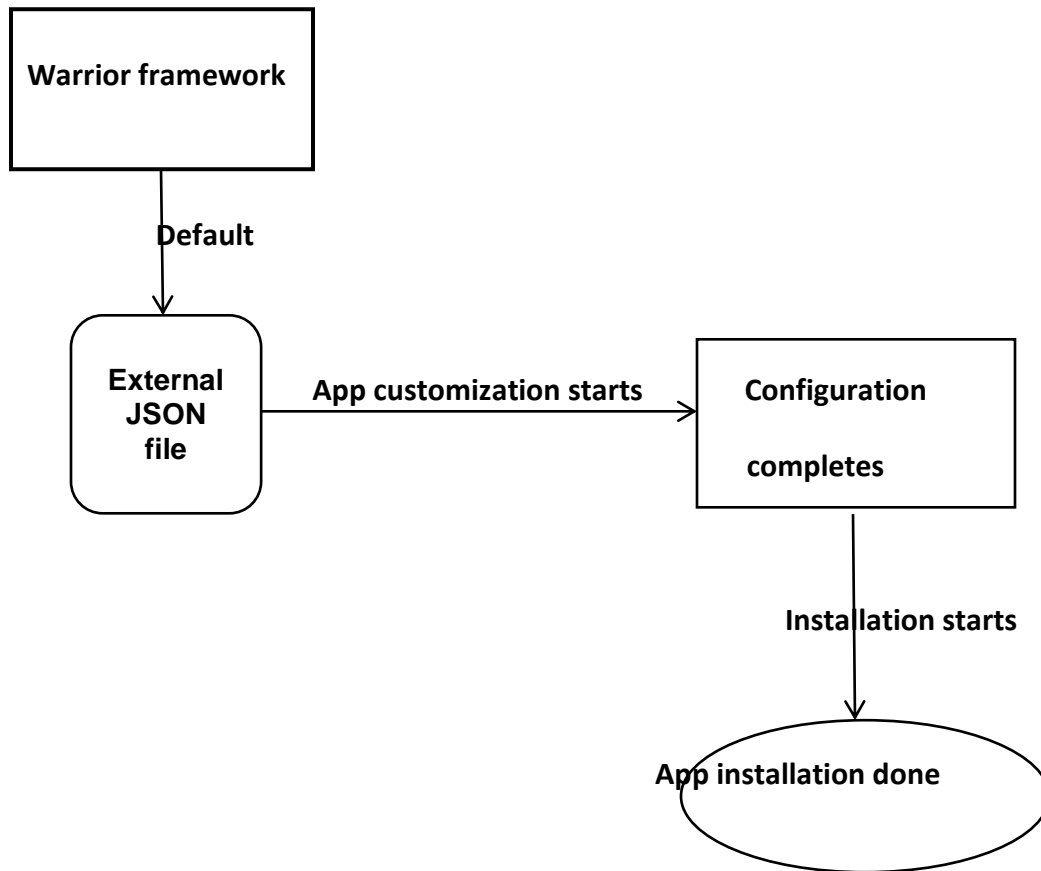
1.0 WHAT IS CONFIGURABLE APP?

Configurable app is a feature where users can install their apps under the katana by providing the requirements through JSON file. Developers who don't need default apps, they can remove these apps by using user defined JSON file. User defined required fields will be explained in coming pages.

Features:

- Allowing users to make changes their app title/framework name) name under katana UI
- Logo changes as per the user requirement
- Panel color changes
- Allowing users to install only default apps or only custom apps or both by providing the branch details

HOW DOES CONFIGURABLE APP FEATURE WORK



3.0 PREREQUISITES:

Configurable app requires the following to run successfully:

1. A Linux system
2. Python – version 3.6 or above
3. Warriorframework_py3

Warrior framework by default would install the dependencies of configurable app.

USER PROVIDED EXTERNAL JSON FILE FEILDS:

Once user will manage.py runserver, automatically katana will up and reflect in UI as per warriorframework. If user wants to get their logo, name, color and app, has to provide external JSON file by providing the below fields and below command.

app_title : User will provide app title or framework name here to display their name in katana UI. This is not mandatory field.

custom_logo_path : Users can save their logo image in external drive and can provide path under the JSON to display their logo image under katana UI. This is not mandatory field. User can provide upto 1MB size of image and pixels will be width:35px and height:35px. Supported formats are JPEG, PNG, JPG.

panel_color : Provide the color name or hexar color code to reflect in UI. This is not mandatory feild.

katana_default_apps : Provide the true/false under this field.

True: It will install all default/native apps which were there under katana.

False: It will not install any default/native apps and load with empty UI.

katana_default_apps_branch : After providing **katana_default_apps** as **true**, this field will allow user to provide their branch name. This is not mandatory to provide and if not mentioned, automatically, It will pull master branch.

Ex: develop, feature/xxxx.

user_custom_apps: Provide the Git URL to install custom app and user has to provide one app URL at one time. If multiple URL's given at same time under JSON file, it will not install both the apps. Users can install one app at one time.

WORKFLOW:

Warriorframework can install in both git and pip installable way

1. Doesn't want to configure the custom app through JSON file, run the below command to get normal default/native apps.

- **Python manage.py runserver**

2. Wants to configure the custom app through JSON file, first priority will be the below command to run. After running below command, wait until server terminates automatically.

- **Python3 appmanage.py appconfig JSONPATH**

EX: Python3 appmanage.py appconfig /home/rpenjuri/Downloads/userconfig.json

3. After custom app configuration by using above command(2), run the below command to bring up the UI.

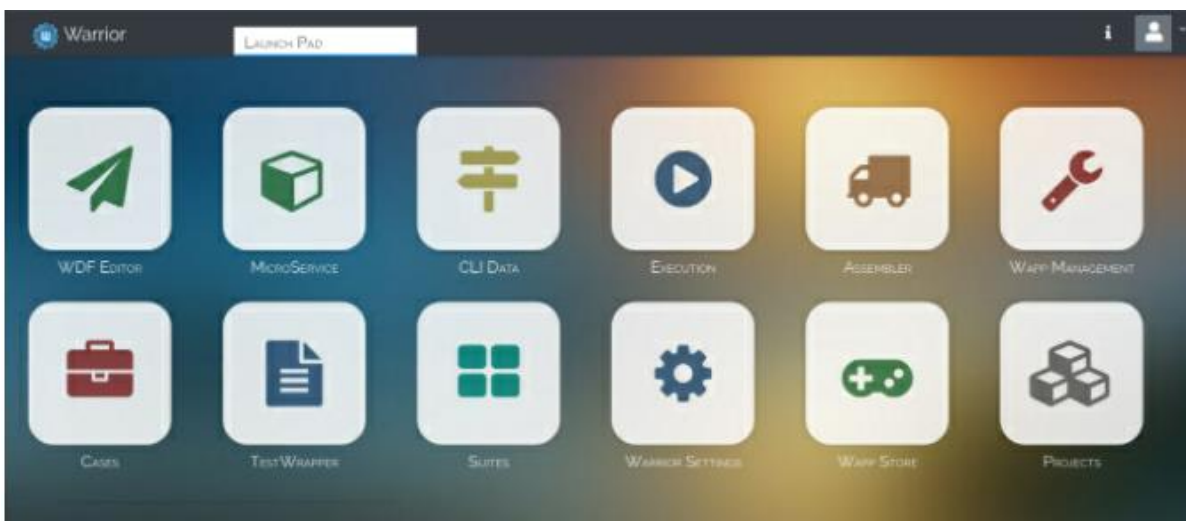
- **Python3 manage.py runserver**

Below example screenprints will gives clarity for the difference between default apps and custom apps.

Scenario1: *Default apps with develop branch*

```
{  
  "app_title": "",  
  "custom_logo_path": "",  
  "panel_color": "",  
  "katana_default_apps": "true",  
  "katana_default_apps_branch": "develop",  
  "user_custom_apps": {}  
}
```

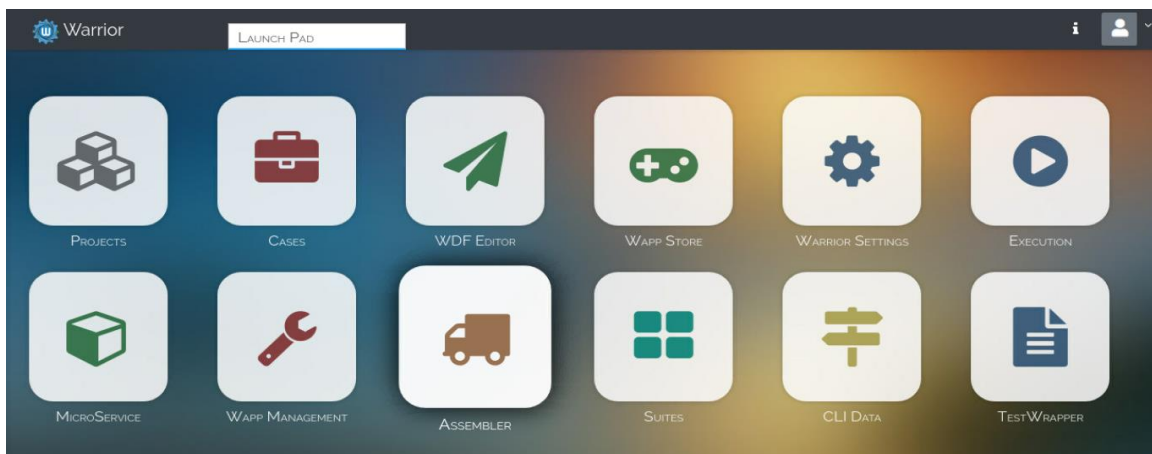
This will installs all default apps by taking the develop branch



Scenario2: Default apps with master branch

```
{  
  "app_title": "",  
  "custom_logo_path": "",  
  "panel_color": "",  
  "katana_default_apps": "true",  
  "katana_default_apps_branch": "",  
  "user_custom_apps": {}  
}
```

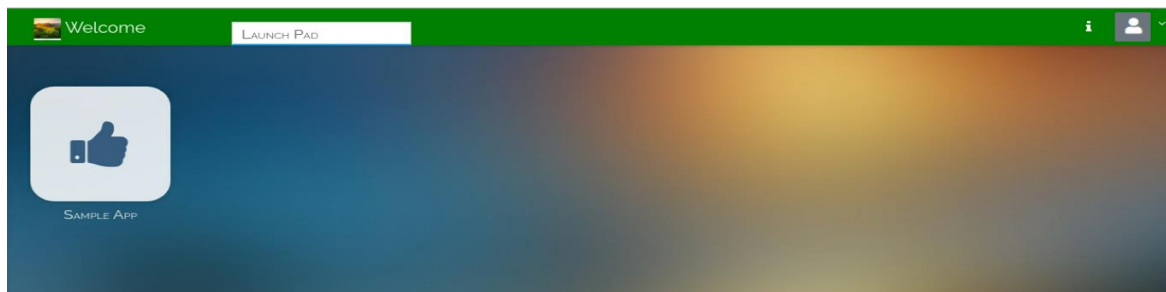
This will install all default apps by considering the master branch



Scenario3: Custom app with configuration

```
{  
  "app_title": "Welcome",  
  "custom_logo_path": "/home/rpenjuri/Downloads/testing.jpeg",  
  "panel_color": "Green",  
  "katana_default_apps": "false",  
  "katana_default_apps_branch": "",  
  "user_custom_apps": {"sample_app": "https://github.com/terrakom/sample_app.git"}  
}
```

This will install the custom app by considering the all configuration.



USAGE OF CONFIGURABLE APP:

- Provides an option to the developer to include only custom app without any default apps
- Developer can customize company name, logo, color (This replaces existing warrior logo, name)
- When katana is started, apps will be installed as per the configuration in this file.
- Will decrease the code maintenance issues
- Will decrease the multiple warrior code repositories for each katana app