Angular Application Environments

An **Angular Application Environment** is JSON configuration information that tells the build system which files to change when you use ng build and ng serve.

Environment file is used when you run your project or try to make a build of your angular project in the development environment, this will be used for global configuration variables.

In our project inside src folder environments folder will be their and inside it we will find the “environment.ts file”, also we can add multiple files with our requirements.

**Configurations:**

In “environment.ts” file we have to write json format, like key value and we have to pass value in every environment.

export const environment = {

    production: false,

    hostURL: "http://test.site",

    username: "Test User",

    mobileno: "92541254786",

    envname: "test"

  };

We have to add the details in our configuration in Angular.json file. Make changes under “build” and “serve”. We have to map each environment configuration separately.

In build area we will write:

"configurations": {

            "test": {

              "fileReplacements": [

                {

                  "replace": "src/environments/environment.ts",

                  "with": "src/environments/environment.test.ts"

                }

              ]

            },

Here we have to change the environment file name. In the serve area we have to write:

"configurations": {

            "test": {

              "browserTarget": "fisdemo:build:test"

            },

Here we have to change the neme after build, because when we run our application in terminal we have to pass ng serve command. So it will run the default environment “environment.ts”.

When we pass the commant “ng serve –configuration=test” or “ng serve –configuration=production” then it will go to the Angular.jason file and goes to the serve session and found "browserTarget": "fisdemo:build:test".

After this it will goes to the build session and find

"configurations": {

            "test": {

              "fileReplacements": [

                {

                  "replace": "src/environments/environment.ts",

                  "with": "src/environments/environment.test.ts"

                }

              ]

            },

Here it will goes through the configuration part and then findreplacement session and seen the “replace” key and “with” key, where it will replace the “environment.ts” with “environment.test.ts” file.