# Features

## Test script configuration handling

### XML configuration

XML testing file handles many technical configurations: server address, used tools and related configuration.

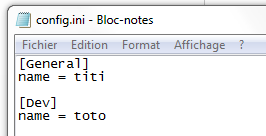
Business configuration can be done through the “variables” parameter. Value is a json string containing key-value pairs ({‘key1’: ‘value1’, ‘key2’: ‘value2’}).

### Confg.ini configuration

XML configurations are done statically and must be duplicated through all the test suites (or using “testConfiguration” parameter). It’s not possible to have a centralized configuration which depends on test environment.

Example: the server URL depends on testing phase. They are not the same in production and in integration phase.

That’s why the “config.ini” file is made for. Each tested application can embed a config.ini file whose format is:



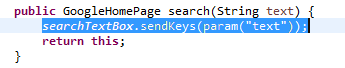
“General“ section is for common configuration (e.g: a database user name which does not depends on environment) and other sections are specific to named test environments. Here, we define a “Dev” environment. Then, when launching test, user MUST define the environment on which test will be run with the option “-Denv=Dev”

Keys defined in environment sections override the ones in “General” section.

This file must be located in <application root>/data/<application name>/config folder.

### Using configurations in test scripts

Each webpage can use the configurations defined above using (getting variable “text” from configuration):



# Test with providers

## Test with Appium locally

### Application test on android

<test name=*"tnr\_appium\_mobile\_app"* parallel=*"false"*>

<!-- cucumber part -->

<parameter name=*"cucumberTests"* value=*"Infolidays"* />

<parameter name=*"cucumberTags"* value=*""* />

<parameter name=*"variables"* value=*""* />

<parameter name=*"browser"* value=*"\*android"* />

<parameter name=*"testType"* value=*"appium\_app\_android"* />

<parameter name=*"appiumServerURL"* value=*"http://localhost:4723/wd/hub"*/>

<parameter name=*"automationName"* value=*"Appium"*/>

<parameter name=*"platform"* value=*"Android"*/>

<parameter name=*"mobilePlatformVersion"* value=*"6.0"*/>

<parameter name=*"deviceName"* value=*"192.168.56.101:5555"*/>

<parameter name=*"app"* value=*"C:\Users\behe\Documents\Tests\Tests mobiles\infolidays-1.0.0-release.apk"*/>

<parameter name=*"appPackage"* value=*"com.infotel.mobile.infolidays"*/>

<parameter name=*"appActivity"* value=*"com.infotel.mobile.mesconges.view.activity.StartActivity"*/>

<!--browserName should be empty string when automating app-->

<parameter name=*"browserName"* value=*""*/>

<parameter name=*"newCommandTimeout"* value=*"120"*/>

<packages>

<package name=*"com.seleniumtests.core.runner.\*"*/>

</packages>

</test>

deviceName reflects the local device used to automate the test

## Test with SauceLabs

## Test with Testdroid

# Configurations

Below is the list of all parameters accepted in testing xml file.

TBD