**Automation Sanity Test Guide**

Prerequisite, Local and Remote Setup, Test Run Config and Run steps

**1. Pre-Requisites**:

Use the below links to download tools and library’s (some might need elevated rights to download and install). Check you machine system settings or About for System type if its 64 or 32 bit before you begin download.

**IntelliJ** **(IDE)**:

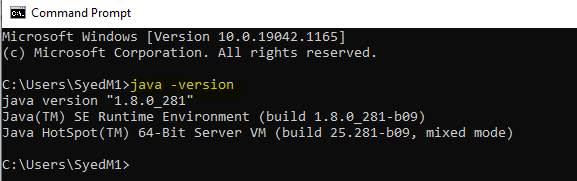
<https://www.jetbrains.com/idea/download/#section=windows> (download the latest community edition)

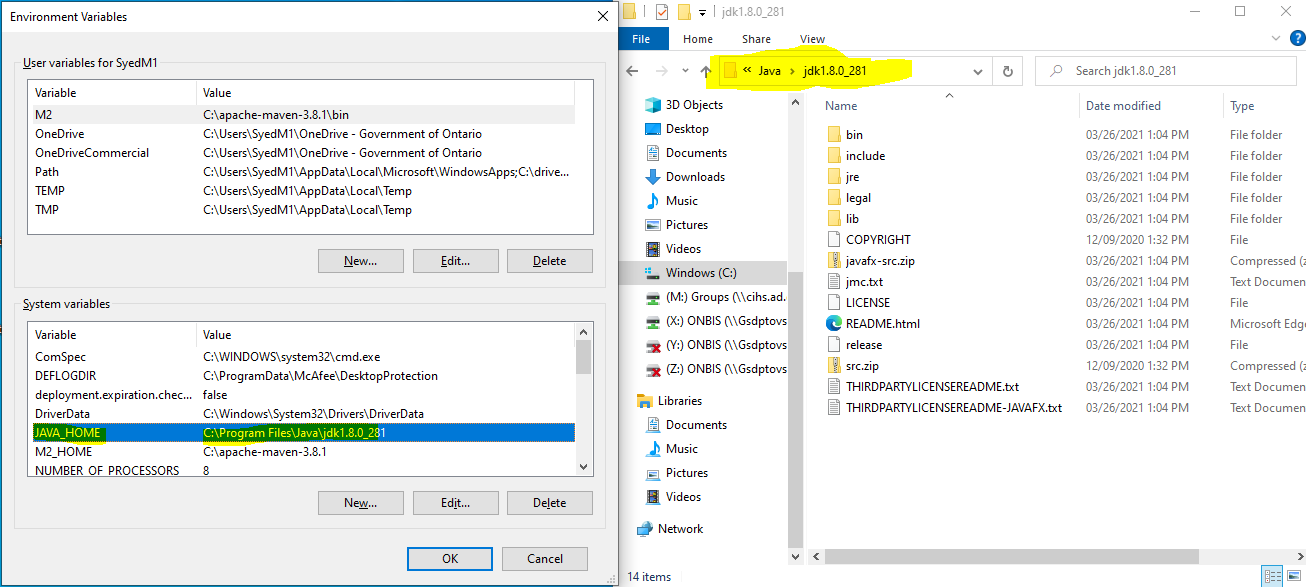
**Java JDK 1.8.0**:

<https://www.oracle.com/ca-en/java/technologies/javase/javase-jdk8-downloads.html>

-Once java is installed verify by using java -version cmd in the command prompt app if no error.

Copy the JDK folder path and create a System Variable under Environment Variable as JAVA\_HOME

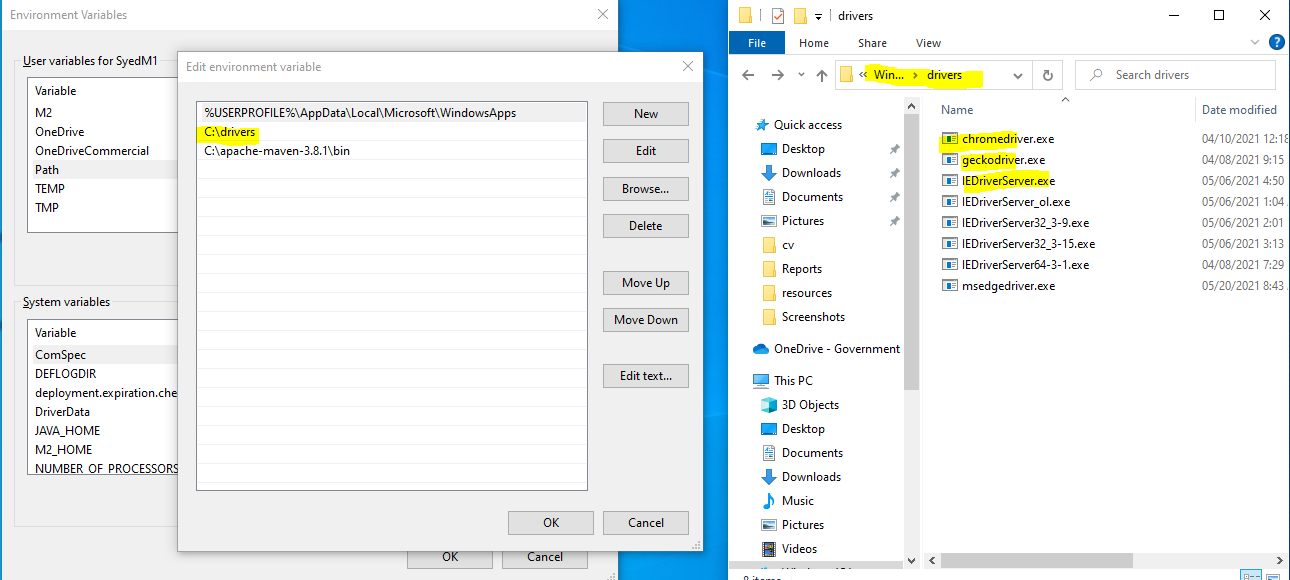




**Chrome Driver**:

<https://chromedriver.chromium.org/downloads> (download the version that matched your local chrome browser version)

-Download above library and save it in a new local ‘drivers’ folder under C drives; then set that folder as Path under System Properties/ Environment variables/User variable



**Firefox Driver**:

<https://github.com/mozilla/geckodriver/releases>

-Download above library and save it in a new local ‘drivers’ folder under C drive; then set that folder as Path under System Properties/ Environment variables/User variable

**IE Driver:**

<https://www.selenium.dev/downloads/>

-Download above library and save it in a new local ‘drivers’ folder under C drive; then set that folder as Path under System Properties/ Environment variables/User variable

-Copy the path of this library where it is download into and paste this path in the BaseTest.java class on line 32.

**Ruto Chrome extension:**

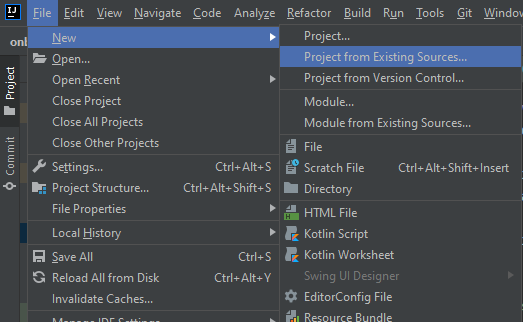
<https://chrome.google.com/webstore/detail/ruto-xpath-finder/ilcoelkkcokgeeijnopjnolmmighnppp?hl=en>

Download and install the above chrome extension (will need elevated access to download and install)

**2. Local Setup**:

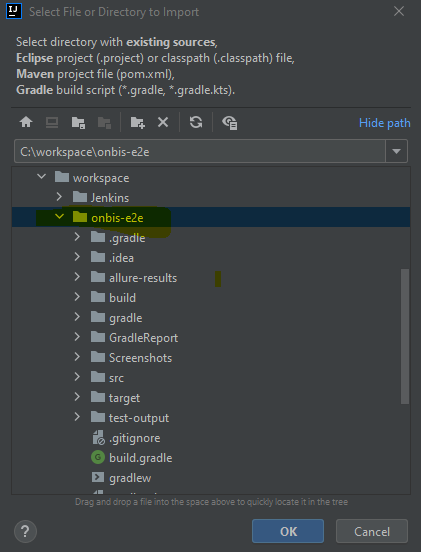
-Download the project folder from ONBIS shared drive (\NEW ONBIS\QA\Automation\Sanity Testing Scripts) to local folder.

-Launch IntelliJ IDE and select Project from Existing Source.

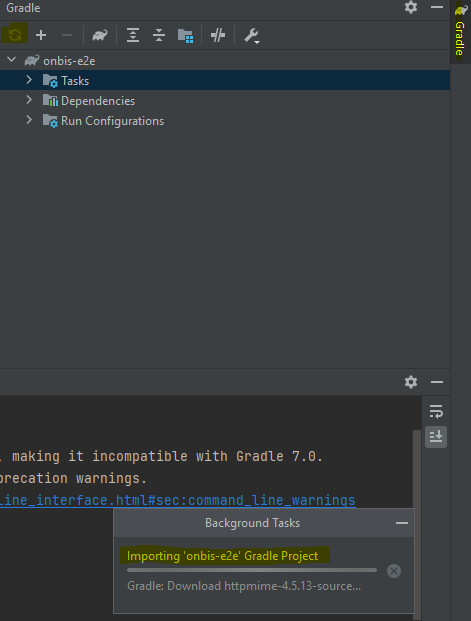


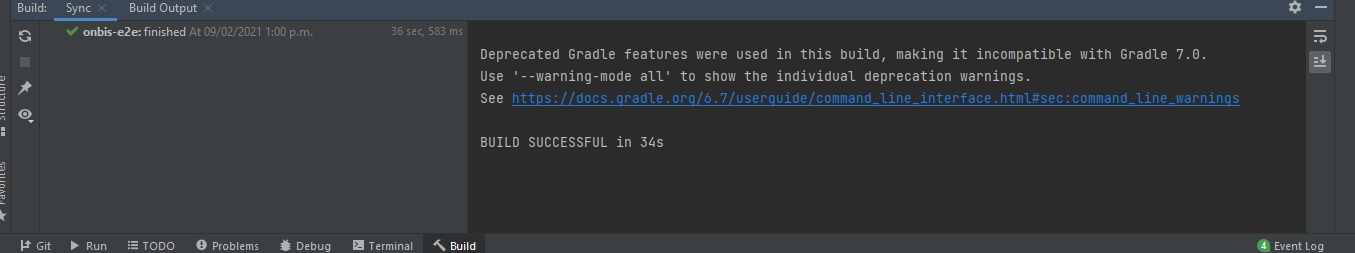
- Now select the above local folder and the project folder as for me it was under ‘C:\workspace\onbis-e2e’. Then click OK.

- Select Import project option as ‘Import project from External module’ and Gradle. Then Finish



-Now Select Gradle tab on the right side, then click on Reload icon ‘Reload All Gradle Projects’, at the bottom it will start downloading all project dependencies/ indexing, once done success message is displayed under the Build tab.





**3. Remote/Local Setup:**

-Use bitbucket repo URL (<https://bitbucket.org/mazhersyed2/onbis-e2e/src/master/>)

-Navigate to IntelliJ IDE and select option Get from Version Control; Select Version Control as Git, Provide the above URL in the URL path and select local folder then click Clone (make sure to install Git if prompted).

-Provide the login credentials for bitbucket ([mazher.syed2@ontario.ca/](mailto:mazher.syed2@ontario.ca/) TestAuto123!)when requested.

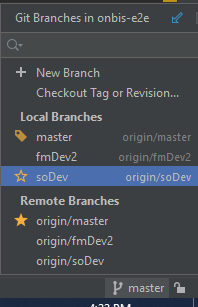
-Once cloned perform the above similar step to reload and download dependencies.

-Then follow the steps for test run configuration.

- In order to run tests using FM-Dev2 or SO-Dev branch, you will need to switch branch from the bottom right of the IDE and then select checkout in the IDE and run using Dev run configuration that was created above in the run configuration.

**Note:**

Any time switching the branch you will have to commit(if you are sure of the changes) or rollback(to previous changes) the changes made

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**4. Test Run Config:**

-Now select Run Menu Option. Then Edit Configuration. In the Run Configuration, select TestNG under Add New configuration. Then update the name, Suite and Environment Variable as below.

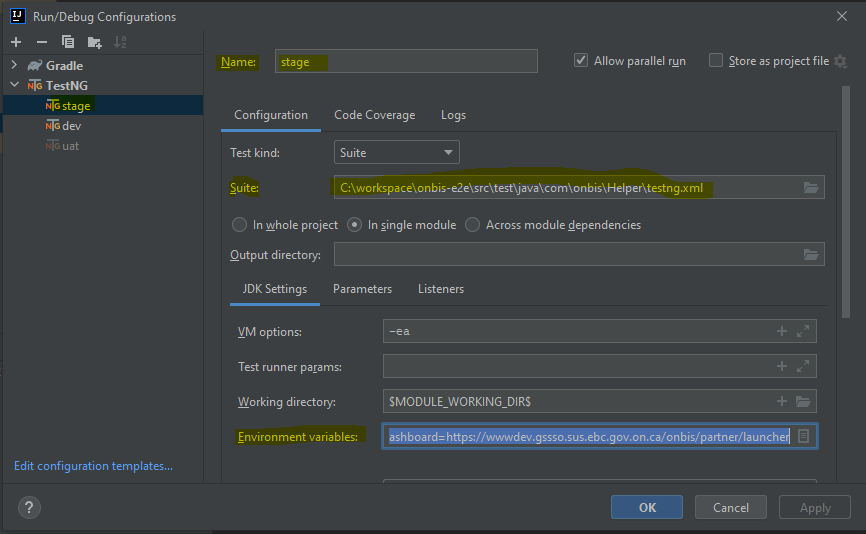
**Name**: Stage

**Suite**: local path to the testng.xml file (can browser it)

**Environment Variables**: (copy below text and place it for Stage)

OneKeyUrl=https://stage.one-key.gov.on.ca/iaalogin/IAALogin.jsp?;oneKeyUserName=autotest470;oneKeyPassword=TestAuto123!;MyAccount=https://wwwstage.appmybizaccount.ebc.gov.on.ca/wps85/myportal/osb/;partnerPortalUserName=onbistestautomation@gmail.com;partnerPortalPassword=TestAuto123!;pkiPassword=Ps1sCatalyst;soAdminWelcomeDev=https://intradev.services.ebc.gov.on.ca/wps85/myportal/soadmin/adminhome/welcome/;soAdminWelcome=https://intrastage.services.ebc.gov.on.ca/wps85/myportal/soadmin/adminhome/welcome/;PartnerPortalUrl=https://wwwstage.gssso.sus.ebc.gov.on.ca/onbis/partner;PartnerPortalDashboard=https://wwwstage.gssso.sus.ebc.gov.on.ca/onbis/partner/launcher;epfUrl=https://www.pss.gsa.gov.on.ca/AuthenticateUserLocalEPF.html;osbServiceCatalog=https://stage.www.appmybizaccount.gov.on.ca/wps85/osb/public/POC/OSB-Ontario-ca-ServiceCatalog.html;devPartnerPortalDashboard=https://wwwdev.gssso.sus.ebc.gov.on.ca/onbis/partner/launcher

-Then click Apply.



-Do the above run configuration steps for UAT, Dev, FM-UAT2, FM-Dev2, FM-Stage2 and Save it with the below Name and Environment variables.

**Name**: Uat

**Environment variables:** (copy below text for UAT)

OneKeyUrl=https://stage.one-key.gov.on.ca/iaalogin/IAALogin.jsp?;oneKeyUserName=autotest471;oneKeyPassword=TestAuto123!;MyAccount=https://stage.www.appmybizaccount.gov.on.ca/wps85/myportal/osb/myactivity?iframe\\=true&lang\\=en;PartnerPortalUrl=https://stage.gssso.sus.gov.on.ca/onbis/partner;partnerPortalUserName=onbistestautomation@gmail.com;partnerPortalPassword=TestAuto123!;PartnerPortalDashboard=https://stage.gssso.sus.gov.on.ca/onbis/partner/launcher;epfUrl=https://www.pss.gsa.gov.on.ca/AuthenticateUserLocalEPF.html;pkiPassword=Ps1sCatalyst;soAdminWelcomeDev=https://intradev.services.ebc.gov.on.ca/wps85/myportal/soadmin/adminhome/welcome/;soAdminWelcome=https://stage.intra.services.gov.on.ca/wps85/myportal/soadmin/adminhome/welcome/;osbServiceCatalog=https://stage.www.appmybizaccount.gov.on.ca/wps85/osb/public/POC/OSB-Ontario-ca-ServiceCatalog.html

**Name**: Dev

**Environment variables:** (copy below text for Dev)

OneKeyUrl=https://stage.one-key.gov.on.ca/iaalogin/IAALogin.jsp?;oneKeyUserName=autotest470;oneKeyPassword=TestAuto123!;MyAccount=https://wwwstage.appmybizaccount.ebc.gov.on.ca/wps85/myportal/osb/;partnerPortalUserName=onbistestautomation@gmail.com;partnerPortalPassword=TestAuto123!;pkiPassword=Ps1sCatalyst;soAdminWelcome=https://intradev.services.ebc.gov.on.ca/wps85/myportal/soadmin/adminhome/welcome/;PartnerPortalUrl=https://wwwdev.gssso.sus.ebc.gov.on.ca/onbis/partner;PartnerPortalDashboard=https://wwwstage.gssso.sus.ebc.gov.on.ca/onbis/partner/launcher;epfUrl=https://www.pss.gsa.gov.on.ca/AuthenticateUserLocalEPF.html;osbServiceCatalog=https://stage.www.appmybizaccount.gov.on.ca/wps85/osb/public/POC/OSB-Ontario-ca-ServiceCatalog.html;devPartnerPortalDashboard=https://wwwdev.gssso.sus.ebc.gov.on.ca/onbis/partner/launcher;fmDev2PartnerPortalDashboard=https://wwwdev.gssso.sus.ebc.gov.on.ca/onbis/partner/launcher?env=fmdev2

**Name**: FM-Stage2

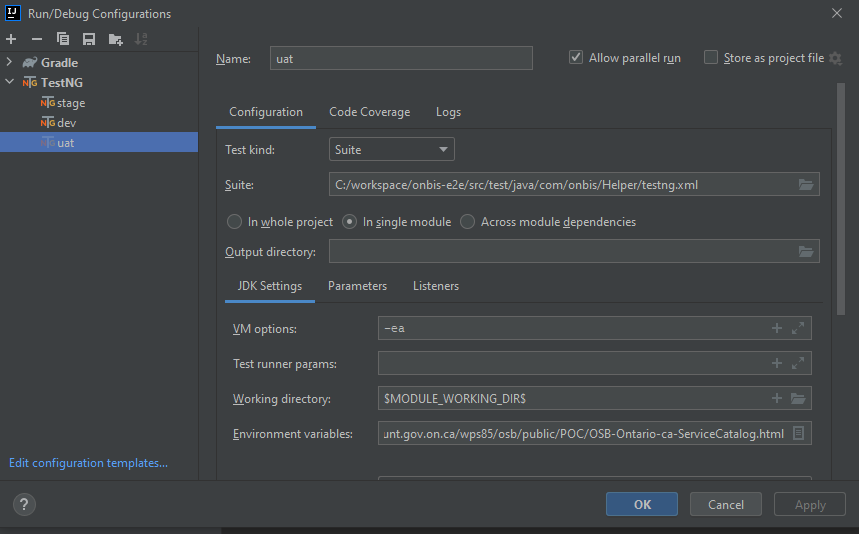
**Environment variables:** (copy below text for FM-Stage2)

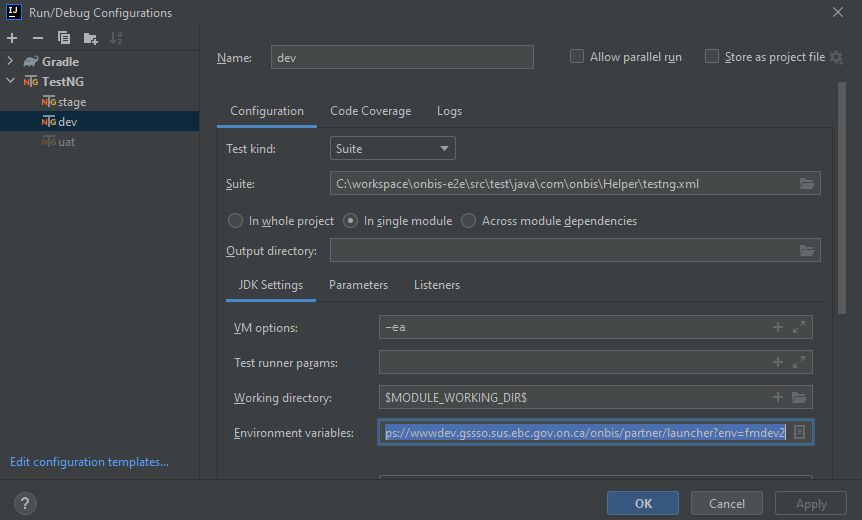
OneKeyUrl=https://stage.one-key.gov.on.ca/iaalogin/IAALogin.jsp?;oneKeyUserName=autotest471;oneKeyPassword=TestAuto123!;MyAccount=https://stage.www.appmybizaccount.gov.on.ca/wps85/myportal/osb/myactivity?iframe\\=true&lang\\=en;PartnerPortalUrl=https://wwwstage.gssso.sus.ebc.gov.on.ca/onbis/partner;partnerPortalUserName=onbistestautomation@gmail.com;partnerPortalPassword=TestAuto123!;PartnerPortalDashboard=https://stage.gssso.sus.gov.on.ca/onbis/partner/launcher;epfUrl=https://www.pss.gsa.gov.on.ca/AuthenticateUserLocalEPF.html;pkiPassword=Ps1sCatalyst;soAdminWelcomeDev=https://intradev.services.ebc.gov.on.ca/wps85/myportal/soadmin/adminhome/welcome/;soAdminWelcome=https://intrastage.services.ebc.gov.on.ca/wps85/myportal/soadmin/adminhome/welcome/;osbServiceCatalog=https://stage.www.appmybizaccount.gov.on.ca/wps85/osb/public/POC/OSB-Ontario-ca-ServiceCatalog.html;fm2PartnerPortalDashboard=https://wwwstage.gssso.sus.ebc.gov.on.ca/onbis/partner/launcher?env=obr2;soAdminEnvironmentURL=https://intrastage.services.ebc.gov.on.ca/wps85/myportal/soadmin/adminhome/onbis/launch2/

**Name**: FM-Uat2

**Environment variables:** (copy below text for FM-Uat2)

OneKeyUrl=https://stage.one-key.gov.on.ca/iaalogin/IAALogin.jsp?;oneKeyUserName=autotest471;oneKeyPassword=TestAuto123!;MyAccount=https://stage.www.appmybizaccount.gov.on.ca/wps85/myportal/osb/myactivity?iframe\\=true&lang\\=en;PartnerPortalUrl=https://stage.gssso.sus.gov.on.ca/onbis/partner;partnerPortalUserName=onbistestautomation@gmail.com;partnerPortalPassword=TestAuto123!;PartnerPortalDashboard=https://stage.gssso.sus.gov.on.ca/onbis/partner/launcher;epfUrl=https://www.pss.gsa.gov.on.ca/AuthenticateUserLocalEPF.html;pkiPassword=Ps1sCatalyst;soAdminWelcomeDev=https://intradev.services.ebc.gov.on.ca/wps85/myportal/soadmin/adminhome/welcome/;soAdminWelcome=https://stage.intra.services.gov.on.ca/wps85/myportal/soadmin/adminhome/onbis/launch2/;osbServiceCatalog=https://stage.www.appmybizaccount.gov.on.ca/wps85/osb/public/POC/OSB-Ontario-ca-ServiceCatalog.html;fm2PartnerPortalDashboard=https://stage.gssso.sus.gov.on.ca/onbis/partner/launcher?env=obr2;soAdminEnvironmentURL=https://stage.intra.services.gov.on.ca/wps85/myportal/soadmin/adminhome/onbis/launch2





**Note:**

-If new account for GoSecure or OneKey is created those new credentials must be updated under Environment Variables, to use the new credentials. I would recommend creating new account once in two months.

-Also, once a new account is created for GoSecure or OneKey, its setup (like activation) must be done manually.

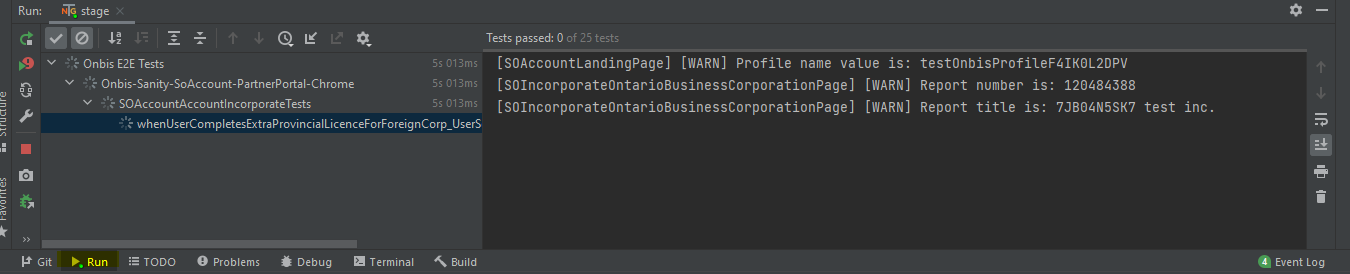
**Gmail API- Authorization- Setup:**

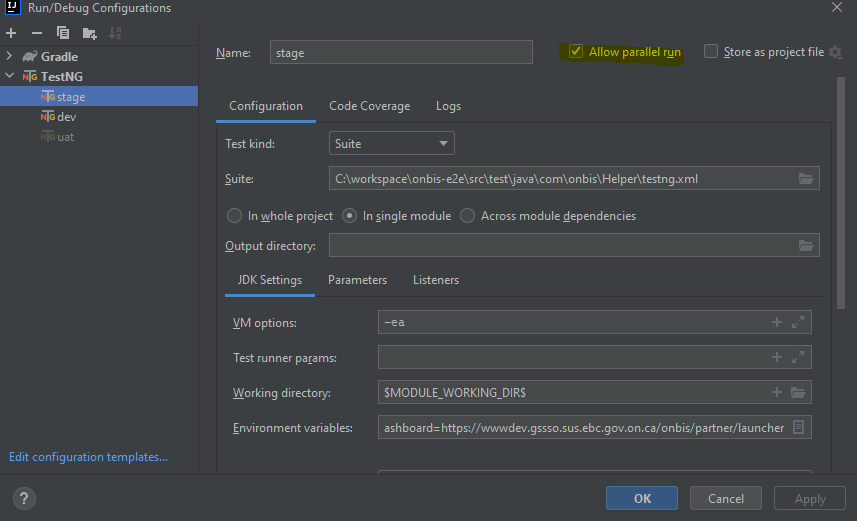
-On the first test run, you will have to authorize the [onbistestautomation@gmail.com](mailto:onbistestautomation@gmail.com) account in the browser that will launch, if not use the url form the console.

**5. Test Run Steps:**

-From the IDE select the run configuration created above (Stage or Uat)

-Now click on the green play icon, you should see IDE would build then start the tests



-If multiple tests need to be run in parallel under the run configuration you need to select ‘Allow parallel Run’ 

-Anytime test fails, screenshot is automatically take and stored in the below path for debugging.

onbis-e2e/Screenshots

**Credentials:**

Gmail- Account:

onbistestautomation@gmail.com/ TestAuto123!

Bitbucket- Account:

Mazher.syed2/ TestAuto123!

**Links for Reference:**

**Selenium WebDriver:**

<https://www.selenium.dev/documentation/webdriver/>

**TestNG:**

<https://testng.org/doc/documentation-main.html>

**Gmail API:**

<https://developers.google.com/gmail/api/quickstart/java>