






Jenkins - Notifications

Configure Notifications for Builds

- Go to Manage Jenkins → Configure System
- Go to SMTP Configuration, you can click Advanced button to see more options
- You can also Test configuration by sending test e-mail

E-mail Notification

SMTP server	<input type="text" value="smtp.gmail.com"/>	
Default user e-mail suffix	<input type="text"/>	
<input checked="" type="checkbox"/> Use SMTP Authentication		
User Name	<input type="text" value="anandr72@gmail.com"/>	
Password	<input type="password" value="....."/>	
Use SSL	<input checked="" type="checkbox"/>	
SMTP Port	<input type="text" value="465"/>	
Reply-To Address	<input type="text" value="anandr72@gmail.com"/>	
Charset	<input type="text" value="UTF-8"/>	
<input type="checkbox"/> Test configuration by sending test e-mail		

Save

Apply

Configure Notifications for Builds

- Lets use the mvndemo build job to add a email notification as a post build activity

Post-build Actions

Publish JUnit test result report [X] [?]

Test report XMLs:

Aggregate downstream test results

Archive the artifacts

Build other projects

Publish JUnit test result report

Record fingerprints of files to track usage

Git Publisher

E-mail Notification ←

Editable Email Notification

Delete workspace when build is done

Retain long standard output/error [?] [?]

0

failing tests scores as 99% health. 5% failing tests scores as 95% health

Do not fail the build on empty test results [?]

Add post-build action ▾ ←

Save **Apply**

Configure Notifications for Builds

- Lets use the mvndemo build job to add a email notification as a post build activity
- Enter the email id of the recipient and save
- **Make a change in java file to make the build fail. – I removed a semicolon at end of statement**
- Run the build again and make sure it fails !

E-mail Notification [X] (?)

Recipients

Whitespace-separated list of recipient addresses. May reference build parameters like \$PARAM. E-mail will be sent when a build fails, becomes unstable or returns to stable.

☒ Send e-mail for every unstable build

☐ Send separate e-mails to individuals who broke the build (?)

Add post-build action ▼


Save **Apply**

Configure Notifications for Builds

- You can see the build console log to check – The build failed due to compilation problem
- You can also see the mail sent to anandr72@gmail.com

```
[INFO] -----
[ERROR] COMPILATION ERROR :
[INFO] -----
[ERROR] /C:/Users/HP/.jenkins/workspace/mvndemo/src/main/java/com/cruds/demo/mvndemo/App.java:[16,34] ';' expected
[INFO] 1 error
[INFO] -----
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 2.989 s
[INFO] Finished at: 2017-05-08T12:27:48+05:30
[INFO] Final Memory: 9M/110M
[INFO] -----
[ERROR] Failed to execute goal org.apache.maven.plugins:maven-compiler-plugin:3.1:compile (default-compile) on project mvndemo: Compilation failure
[ERROR] /C:/Users/HP/.jenkins/workspace/mvndemo/src/main/java/com/cruds/demo/mvndemo/App.java:[16,34] ';' expected
[ERROR]
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/MojoFailureException
Build step 'Invoke top-level Maven targets' marked build as failure
Recording test results
ERROR: Step 'Publish JUnit test result report' failed: Test reports were found but none of them are new. Did tests run?
For example, C:\Users\HP\.jenkins\workspace\mvndemo\target\surefire-reports\TEST-com.cruds.demo.mvndemo.AppTest.xml is 5 min 44 sec old

Sending e-mails to: anandr72@gmail.com
Finished: FAILURE
```



Configure Notifications for Builds

- You can log into mail box and see the generated email
- You can see the entire Log file was sent to the recipient

See <<http://localhost:8080/job/mvndemo/12/display/redirect?page=changes>>

Changes:

[anandr72] App.java edited online with Bitbucket

```
-----
Started by user Jenkins Admin
Building in workspace <http://localhost:8080/job/mvndemo/ws/>
> git.exe rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
> git.exe config remote.origin.url https://AnandR72@bitbucket.org/AnandR72/mvndemo.git # timeout=10
Fetching upstream changes from https://AnandR72@bitbucket.org/AnandR72/mvndemo.git
> git.exe --version # timeout=10
using GIT_ASKPASS to set credentials
> git.exe fetch --tags --progress https://AnandR72@bitbucket.org/AnandR72/mvndemo.git +refs/heads/*:refs/remotes/origin/*
> git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
> git.exe rev-parse "refs/remotes/origin/origin/master^{commit}" # timeout=10
Checking out Revision 724cdb95bd425607c39832914845dd4ccb089bc9 (refs/remotes/origin/master)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f 724cdb95bd425607c39832914845dd4ccb089bc9
> git.exe rev-list 03db02eb1d98c20677dcfecff6d407cda6a899b0 # timeout=10
[mvndemo] $ cmd.exe /C "mvn test && exit %%ERRORLEVEL%%"
[INFO] Scanning for projects...
[INFO]
[INFO] -----
[INFO] Building mvndemo 0.0.1-SNAPSHOT
[INFO] -----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ mvndemo ---
[INFO] Using 'UTF-8' encoding to copy filtered resources
```