Module 4: Setting Up Your Build Jobs and Security

Case Study Solution

edureka!

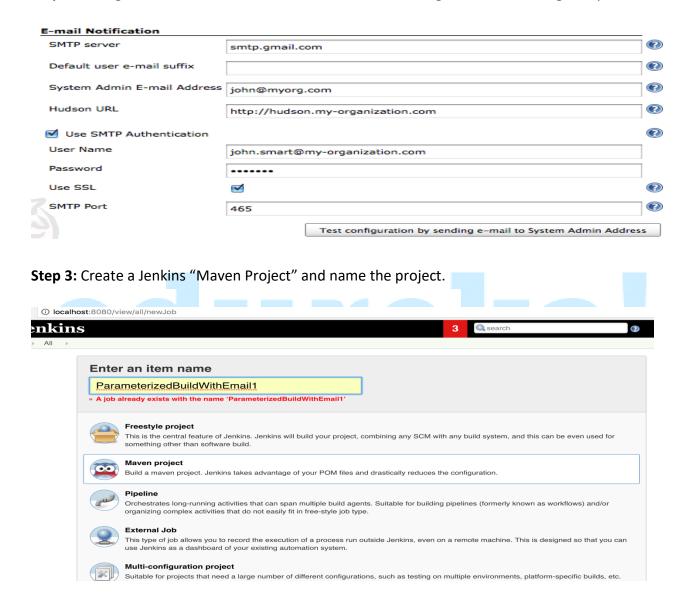


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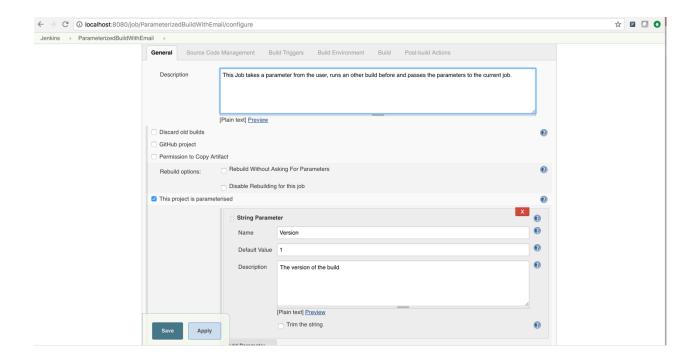
Case study - Solution

Step 1: Install "Email Extension Plugin" and "Extensible Choice Parameters Plugin" by navigating Manage Jenkins -> Advanced.

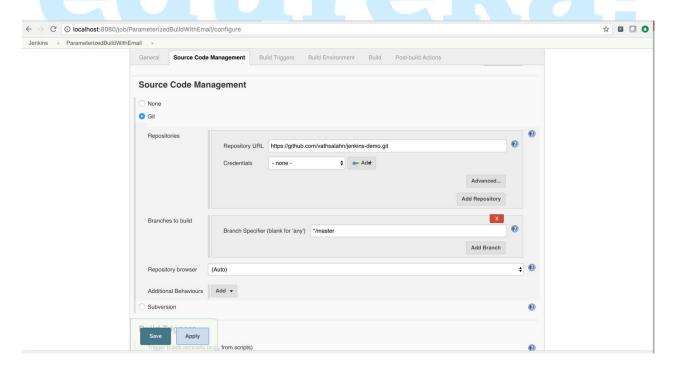
Step 2: Configure the Extended Email notification under Manage Jenkins -> Configure System.



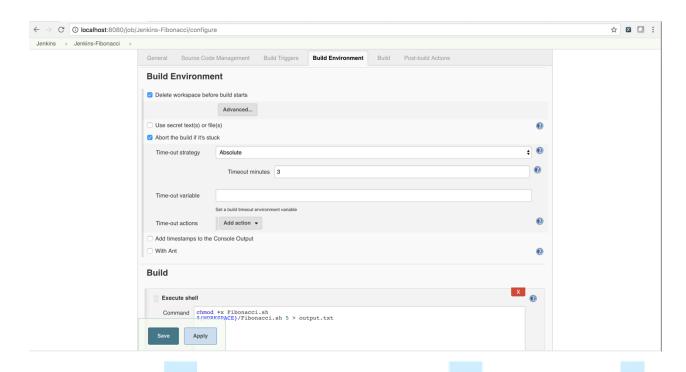
Step 4: Enable "This Project is parameterized", choose "string" parameter and update all the details.



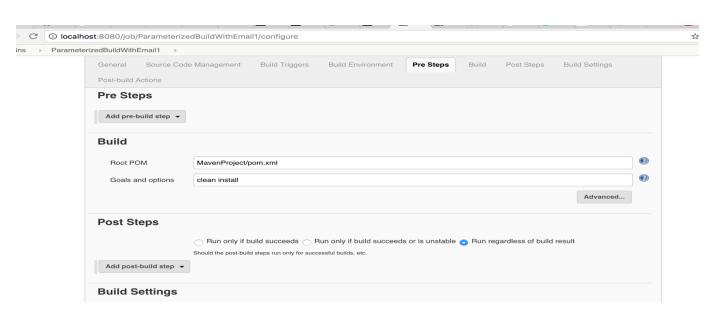
Step 5: Enable "Git" in Source Code Management and Provide the repository url (https://github.com/edureka-devops/jenkins-demo.git)



Step 6: Enable the Build Environment to "Delete workspace before build starts" and "Abort the build if it's stuck"

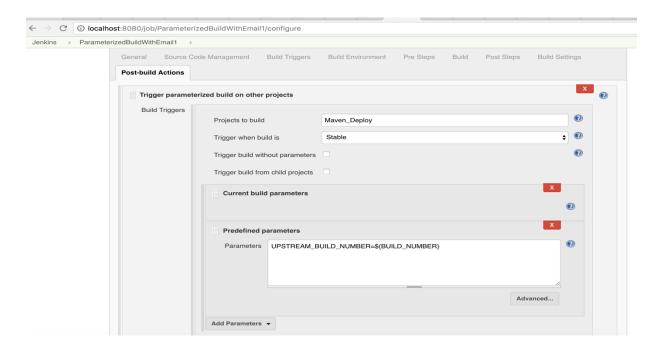


Step 7: In Build section execute the maven script to build the artifact and update the goals to "clean install".



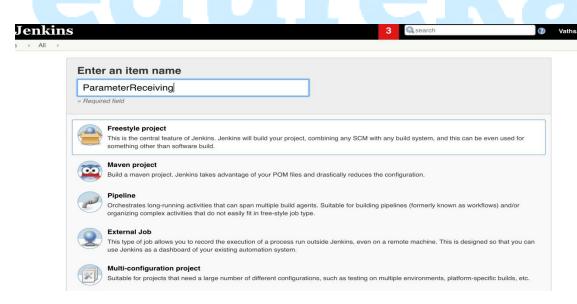
Step 8: Update the Post-build Actions to send these parameters to another downstream jobs. Install "Trigger parameters" plugin in Jenkins and update the parameters to be passed on to the

downstream project. Send the current build parameters (Version) defined in the previous step and also the other environment variables using Predefined parameters.

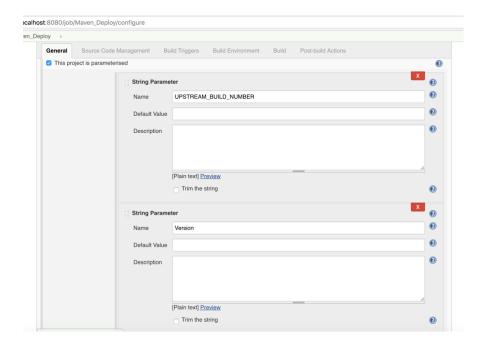


Step 9: Apply and save the job.

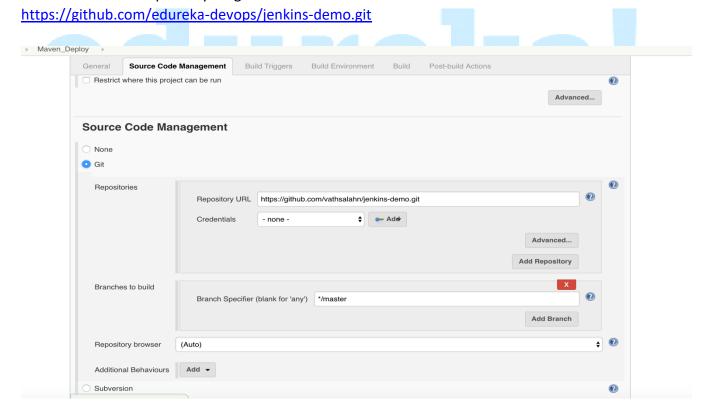
Step 10: Create a downstream Job to accept the parameters from the upstream job. Create a freestyle project.

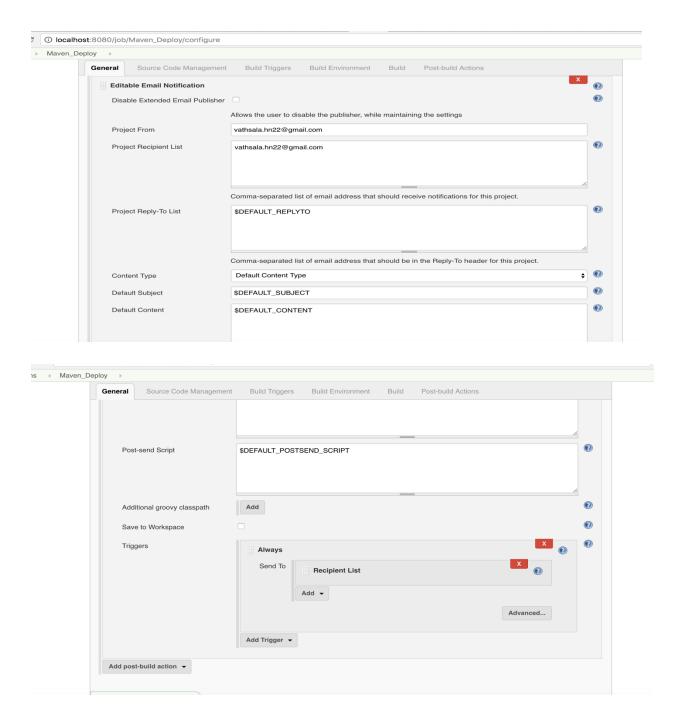


Step 11: Enable "This project is parameterized" and access the variables to be used from the upstream build.



Step 12: Execute a python script to access these parameters and trigger an email notification to the users. Use the repository url given below:





Step 13: Trigger the main upstream job and Upon triggering the job, the execution has to be success, downstream job has to be initialized and an email has to be triggered to the recipient list.

