

# Pipeline Implementation

Jenkinsfile is available parallel to this file

Pre-requisites:-

1. Please configure the SMTP server setting for sending mail under Manage Jenkins -> Configuration -> Extended Email Notification
2. While running with parameters provide a valid mail id for recipients.

Plugins Used:-

Email-ext plugin: - used for creating email templates

HTTP request plugin: - used for doing Rest calls to the URL

Pipeline utility plugin: - used to read the JSON response from the URL

File operations plugin: - used to create folders

Customizations:-

- Git checkout can be customized to checkout a particular branch and build on it
- We can configure the credentials used to connect to git repo in Jenkins credentials and use the credential-ID in the pipeline
- We can even use the "checkout ( )" directive for further customization.
- To improve the security of master node we can configure slave nodes to run the jobs.
- And slaves can be grouped together and labeled and that can be used to run a specific job with special requirements (under Agent label-name).
- Email notifications can be further customized to further improve the look and feel.

- Email notification mails can be configured to include useful data of build like the build logs and the units considered in that build And failure details if any.

GitHub credentials:-

URL: - <https://github.com/madhureddy143/M-BENZ.git>

Username: - [Madhu.vm111@gmail.com](mailto:Madhu.vm111@gmail.com) or madhureddy143

Password: - Latha@1995