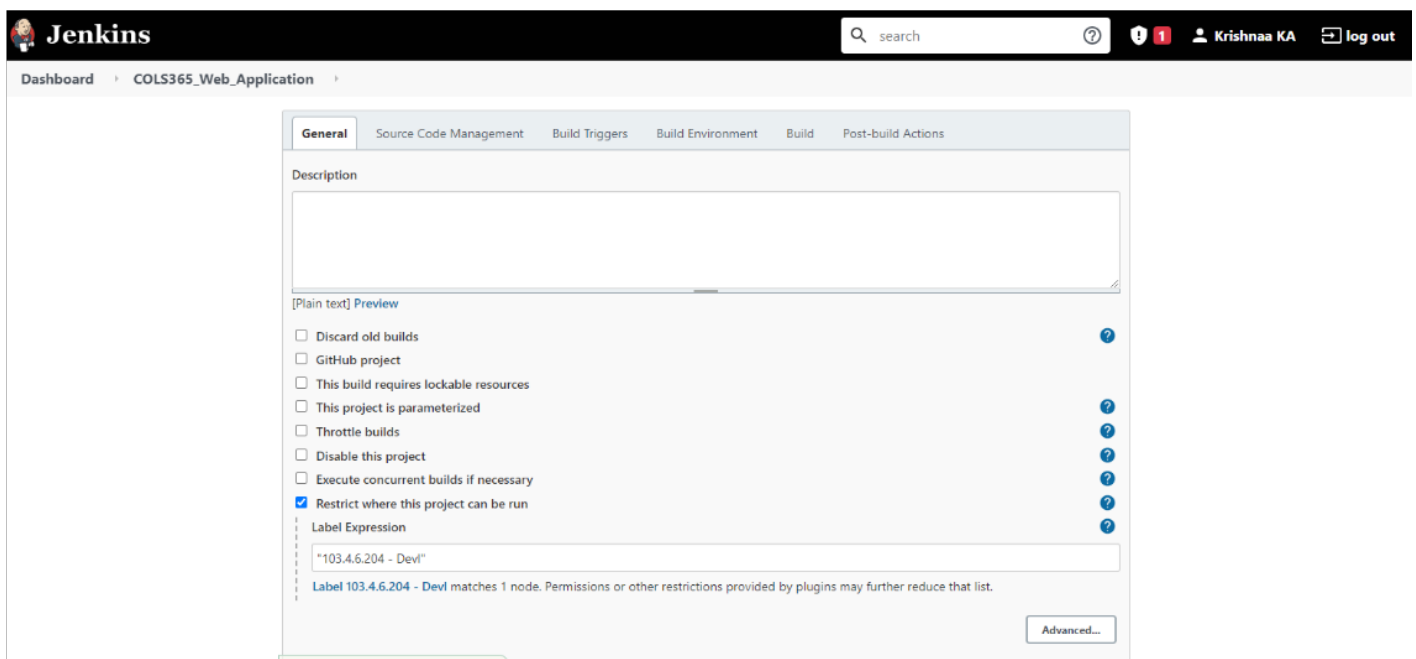


Create New Item - Freestyle

Introduction

On this method we have created a Node on the stage or production server where we need our code to get deployed (Windows). This is basically to avoid using FTP or SFTP for code deployment as it might take more time and also we need credentials and FTP servers for the deployment

Step 1 - Create a Freestyle project (Please refer Jenkins for creating different project type)



The screenshot shows the Jenkins 'Create New Item' wizard for a Freestyle project. The 'General' tab is selected, showing a 'Description' field and a list of options. The 'Restrict where this project can be run' option is checked, and the 'Label Expression' is set to '*103.4.6.204 - Dev1'. The 'Advanced...' button is visible at the bottom right.

Jenkins search ? 1 Krishnaa KA log out

Dashboard > COLS365_Web_Application >

General Source Code Management Build Triggers Build Environment Build Post-build Actions

Description

[Plain text] [Preview](#)

- ☐ Discard old builds
- ☐ GitHub project
- ☐ This build requires lockable resources
- ☐ This project is parameterized
- ☐ Throttle builds
- ☐ Disable this project
- ☐ Execute concurrent builds if necessary
- ☒ Restrict where this project can be run

Label Expression

*103.4.6.204 - Dev1

Label 103.4.6.204 - Dev1 matches 1 node. Permissions or other restrictions provided by plugins may further reduce that list.

[Advanced...](#)

Step 2 - SVN or GIT connection as per your requirement.

Dashboard > COLS365_Web_Application >

GeneralSource Code ManagementBuild TriggersBuild EnvironmentBuildPost-build Actions

Source Code Management

None

Git

Subversion

?

Modules

Repository URL

https://192.168.204.7:8443/svn/Cols/branches/P000474/DskyLP

?

Credentials

krishnaa.anantha/*****

Add

Local module directory

Branch

?

Repository depth

infinity

Ignore externals

Cancel process on externals fail

?

?

Add module...

You got to install Visual Studio Build on the respective Node Server for us to create the Build Step. Use Visual Studio community version.

Step 3 - Build.

General Source Code Management Build Triggers Build Environment **Build** Post-build Actions

☐ SSH Agent
☐ With Ant

Build

Build a Visual Studio project or solution using MSBuild

MSBuild Version
103.4.6.204-BUILD

MSBuild Build File
D:\jenkins\workspace\COLS365_Web_Application\Branch\DskyWebPortal.sln

Command Line Arguments
/p:Configuration=Release /p:UseWPP_CopyWebApplication=true /p:PipelineDependsOnBuild=false

☐ Pass build variables as properties
☐ Do not use chcp command

Advanced...

Step 4 - ROBOCOPY or Deploy the code to the IIS.

```
set SOURCE=D: \jenkins\workspace\COLS365_Web_Application\Branch\DskyWebPortal\
set DESTINATION=C: \Hostingdata\DEVL\ColsWebPortal
set
EXCLUDEFOLDER="D: \jenkins\workspace\COLS365_Web_Application\Branch\DskyWebPortal\fileupload"

robocopy /X0 /E /Z /ZB /R: 5 /W: 5 /TBD /NP /MT: 64 %SOURCE% %DESTINATION% /XD %EXCLUDEFOLDER%
*. /XA: SH /XF *.CONFIG *.config *.svn-base
@echo robocopy exit code: %ERRORLEVEL%
@if %ERRORLEVEL% GTR 3 ( echo robocopy ERROR )
@if %ERRORLEVEL% GTR 3 ( exit %ERRORLEVEL% )
@set ERRORLEVEL=0
```

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