

# Jenkins

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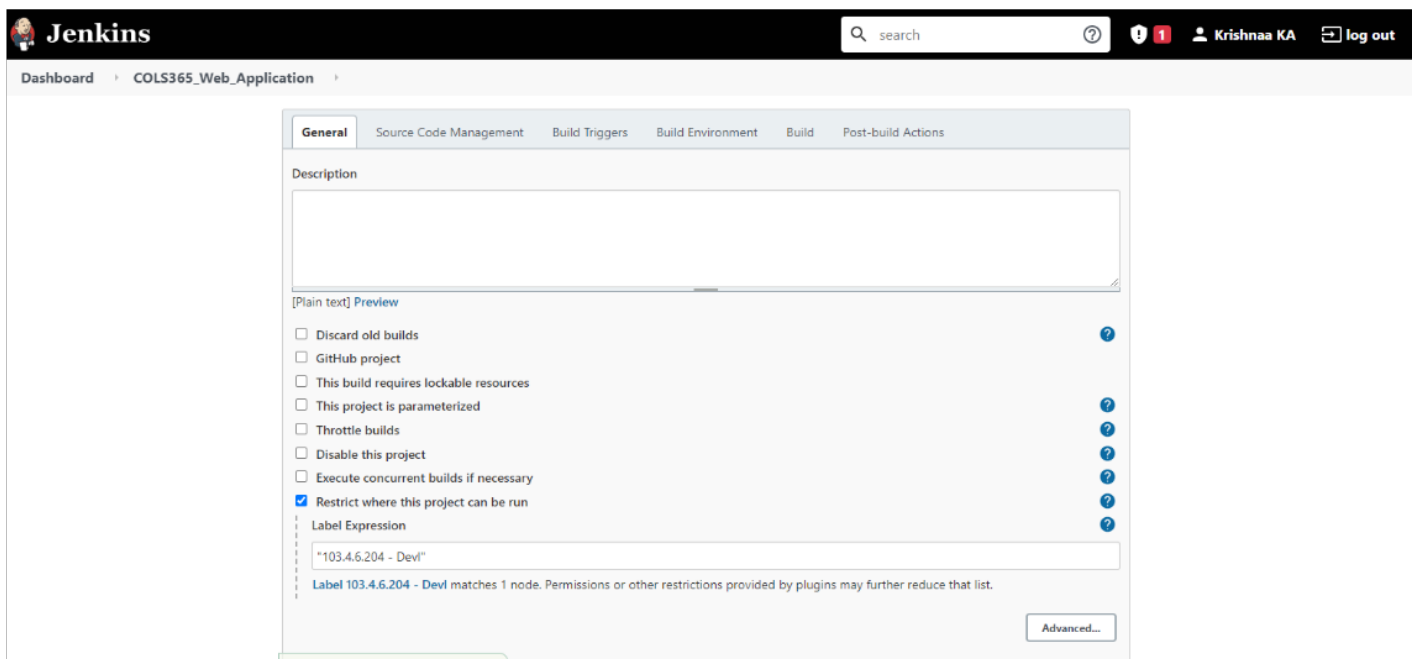
# Setting up .NET Framework Job

# 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 )



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
```