**Build failure debuging and tips**

1.open visual studio

IF you open any project ,it has 2 sub project like below

For example:

system overview installer

inside tht u will get 2 project

**PATH:**

project>>assemblies>>project>>two project like systemoverview.fusion.installer.ui

and systemoverview.ntr.installer.ui

If you open any project ,every project has csproj file

like

**systemoverview.fusion.instaler.ui.csproj**

and evry project has one solution file

that path is like below.

**project>> solutions>>systemoverview.instaaler.sln**

**Note**: sln file is a type of docker compose file means which has all the dependency for a project to build

we use this sln file to creat a package or artifact

Note: Nuget ia package manager

**ERROR LIST**

1.**Nuget error(older version)**

when we gets nuget error we have to update to latest one to fix the error

In error only you will able to see the nuget path,So go inside the mentioned nuget path as mentioned below.

**Path**: **work >>corelibraies.sql.mysql>>solution.nuget>nuget.exe file**

check properties like version if its old

the download the Nuget updated version and copy to : **work >>corelibraies.sql.mysql>>solution.nuget>nuget.exe** and delete older one.

2.Nuget error (unable to download package after changing version it will add)

**2.Job failed due to package error**

For example for the following project,we got package error,so below is the solution for that.

Go inside project then

path: systemoverview.dummydate.plugin(project)>>package.config(it contains package which req by the job to run)

if the above package.config doesnot have package then also job will fail so first check the file if the package mentioned or not if not mentioned then add the package .

3.**After adding package in the above config file check the package downloaded or not .**

to check go to below path

**Path:project>>solution>>packages>>ur package name it will download only if in jfrog its not corrupted**

**4.package.config >>it will download the package from jfrog during run time so if package corrupted in jfrog it will fail.**

**NOTE:jfrog(artifact repo)**

so verify it and in jfrog check the package name and info if u get any error(corrupted) then you have to again push the package to jfrog.

if everything is all right and job fails then the check the path in csproj file if its pointing locally or not