Declarative Pipeline
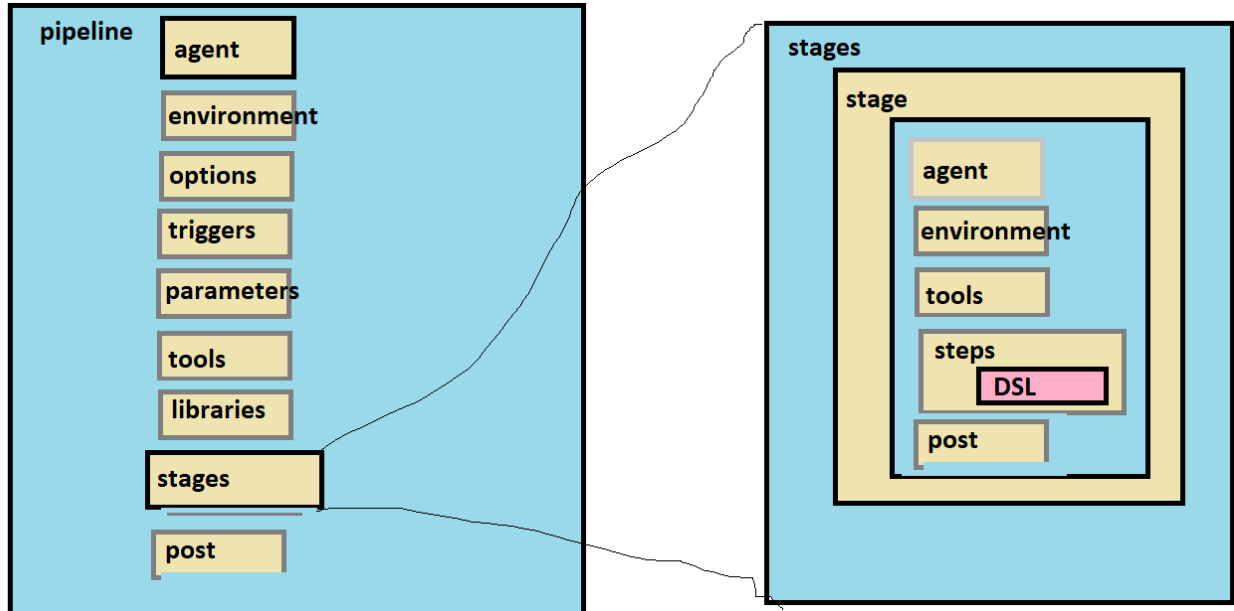
- Declarative Pipeline syntax Refer Here

- Pipeline steps Refer Here

- Overview

- Agent: we define where the job has to be executed Refer Here

- Environment: Refer Here

- options: Refer Here

- triggers: when to run the job Refer Here

- parameters: Refer Here

- tools: Refer Here

- stages: Refer Here

- post Refer Here

Write a ci pipeline in Declarative style for building nop commerce

- Manual steps

```
git clone https://github.com/dummyrepos/nopCommerceApr24
cd nopCommerceApr24
dotnet publish -o published/ -c Release src/Presentation/Nop.Web/Nop.Web.csproj
```

- Refer Here for git repo
- Refer Here for the initial changes to Jenkinsfile for building the .net code

Plugins in Declarative and Scripted pipelines

- Plugins provide ui in freestyle projects and steps in declartive or scripted pipelines
- Lets acheive the above project by installing a dotnet sdk plugin Refer Here
- Refer Here for the usage of dotnetsdk plugin
- Refer Here for the changes done to zip the folder