Reading Jenkins Environment Variables

In this section, we will see how you can read your Jenkins environment variables list. Let’s take it one step at a time-

1. To access the Jenkins environment variables in a pipeline, you can use the env object, eg. **env.BUILD\_NUMBER** will give the current build number of a pipeline. The reference to Jenkins pipeline environment variables is made by surrounding it by **${}** in the following way: **${env.BUILD\_NUMBER}**
2. You can also use the short version, which is BUILD\_NUMBER. But this variant is quite confusing for some users. The script to read the build number via environment variables is :

pipeline{  
agent any  
  
stages{  
stage("Env Build Number"){  
steps{  
echo "The build number is ${env.BUILD\_NUMBER}"  
echo "You can also use \${BUILD\_NUMBER} -> ${BUILD\_NUMBER}"   
}  
}  
}  
}

<https://mishra-praveen.medium.com/how-to-set-jenkins-pipeline-environment-variables-bb1324f36e38>

<https://www.toolsqa.com/jenkins/jenkins-user-management/>

https://blog.knoldus.com/ci-cd-with-jenkins-introduction-to-jenkinsfile/

<https://www.linuxtechi.com/how-to-use-loops-in-ansible-playbook/>

Azure kubernetes Jenkins pipeline

https://www.jenkins.io/blog/2017/08/10/kubernetes-with-pipeline-acs/

Kubernetes

*enkinsfile (Scripted Pipeline)*

node {

/\* .. snip .. \*/

stage('Deploy') {

withCredentials([azureServicePrincipal('principal-credentials-id')]) {

sh 'az login --service-principal -u $AZURE\_CLIENT\_ID -p $AZURE\_CLIENT\_SECRET -t $AZURE\_TENANT\_ID'

sh 'az account set -s $AZURE\_SUBSCRIPTION\_ID'

sh 'az resource list'

}

}

}

https://plugins.jenkins.io/azure-artifact-manager/

<https://medium.com/@bbenz/azure-devops-and-jenkins-in-perfect-harmony-8c92ff980723>

<https://docs.microsoft.com/en-us/samples/azure-samples/jenkins-terraform-azure-example/jenkins-terraform-azure-example/>

https://docs.cloudbees.com/docs/admin-resources/latest/plugins/azure-cli