

# Groovy Plugin Example

Example to show some variables available to the system Groovy script

```
println "build.inspect() = " + build.inspect()
println "build.dump() = " + build.dump()
println "listener.inspect() = " + listener.inspect()
println "listener.dump() = " + listener.dump()

println "environment=" + build.getEnvironment(listener).dump()
println "JENKINS_HOME=" + build.getEnvironment(listener).get
('JENKINS_HOME')

println "myVar=$myVar"
println "myVar=${myVar}"
```

This shows how to get a parameter if your job is parameterized

```
import jenkins.model.Jenkins
import hudson.model.Run
import hudson.model.ParametersAction

static def getParameter(parameters, paramName) {
    // The first instance found by parameters.find that matches
    paramName will cause the value of that instance to be returned
    parameters.find { it.name == paramName }?.value
}

static def getParameters(Run build) {
    build?.allActions?.find { it instanceof ParametersAction }?.
parameters;
}

println getParameter(getParameters(build), "myParameter")
```

An example of finding all pipeline jobs. It requires the pipeline plugin to be installed.

```
import jenkins.model.Jenkins
import org.jenkinsci.plugins.workflow.job.WorkflowJob
import org.jenkinsci.plugins.workflow.job.WorkflowRun

(Jenkins.get().items?.findAll {
    it instanceof WorkflowJob
}?.findAll {
    it.name.matches(".*_Pipeline")
}).each { WorkflowJob job ->
    job.builds.each { WorkflowRun build ->
        ...
    }
}
```