

JENKINS PIPELINE TO DOCKER SWARM

```
<!DOCTYPE html>

<html>

<head>

  <title>Provisioning Test Page</title>

  <link href="https://fonts.googleapis.com/css?family=Slabo+27px"
rel="stylesheet">

  <style type="text/css">

    body {

      text-align:center;

      font-family: 'Slabo 27px', serif;

      height:100vh;

    }


    .vertical-center {

      position:relative;

      top:50%;

      transform: translateY(-50%);

    }


    img {
```

```
        width:100px;
    }
</style>
</head>
<body>
    <div class="vertical-center">
        <h1>Fibonacci Generator</h1>

        <p>The number at position <%= index %> is <%= value %></p>
        
    </div>
</body>
</html>
```

HACKABLE:

```
<!DOCTYPE html>
<html>
<head>
    <title>Provisioning Test Page</title>
    <link href="https://fonts.googleapis.com/css?family=Slabo+27px"
    rel="stylesheet">
    <style type="text/css">
        body {
```

```
text-align:center;
font-family: 'Slabo 27px', serif;
height:100vh;
}
```

```
.vertical-center {
```

```
position:relative;
top:50%;
transform: translateY(-50%);

}
```

```
img {
width:100px;
}
```

```
#command {
width:50%;
display: inline-block;
}
```

```
#stdout {
width:50%;
```

```
    display: inline-block;
}
</style>
</head>
<body>
  <div class="vertical-center">

    
    <h1>Hackable: Code Injection</h1>

    <p>The following command was run on the server!</p>
    <code id="command">
      <%= command %>
    </code>
    <p>This was the result</p>
    <code id="stdout">
      <%= stdout %>
    </code>
  </div>
</body>
</html>
```

POSTS:

```
<!DOCTYPE html>
```

```
<html>
<head>
  <title>Provisioning Test Page</title>
  <link href="https://fonts.googleapis.com/css?family=Slabo+27px"
rel="stylesheet">
  <style type="text/css">
    body {
      font-family: 'Slabo 27px', serif;
      height:100vh;
    }

    img {
      width:100px;
    }

    .blog {
      padding:50px;
    }

    .post {
      padding:20px;
    }
  </style>
</head>
```

```

<body>
  <div class="blog">
    
    <h1>Recent Posts</h1>
    <hr/>

    <% posts.forEach(function(post){ %>
      <div class="post">
        <h3><%= post.title %></h3>
        <p><%= post.body %></p>
      </div>
    <% }) %>
  </div>
</body>
</html>

```

JENKINSFILES:

```

pipeline {
  environment {
    registry = "naistangz/docker_automation"
    registryCredential = "dockerhub"
    dockerImage = "
    PATH = "$PATH:/usr/local/bin"

```

```
}
```

```
agent {
```

```
    'docker'}
```

```
stages {
```

```
    stage('Cloning our Git') {
```

```
        steps {
```

```
            git
```

```
            'https://github.com/naistangz/Docker_Jenkins_Pipeline.git'
```

```
        }
```

```
    }
```

```
    stage('Building Docker Image') {
```

```
        steps {
```

```
            script {
```

```
                dockerImage = docker.build registry +  
                ":$BUILD_NUMBER"
```

```
            }
```

```
        }
```

```
    }
```

```
    stage('Deploying Docker Image to Dockerhub') {
```

```
        steps {
```

```
            script {
```

```
    docker.withRegistry("", registryCredential) {  
        dockerImage.push()  
    }  
}  
}
```

```
stage('Cleaning Up') {  
    steps{  
        sh "docker rmi $registry:$BUILD_NUMBER"  
    }  
}  
}
```