

# Jenkins - Maven Hello World Project:

Project location:

<https://github.com/arielwainberg/maven-hello-world.git>

The screenshot displays the Jenkins Pipeline interface for the 'maven-hello-world' project. The pipeline consists of five steps: 'Start', 'Step-1: Clean', 'Step-2: Compiling And Creating Th...', 'Step-3: Executing the jar file', and 'step-4: Deployments'. All steps are marked as successful with green checkmarks. The 'step-4: Deployments' step is expanded, showing two sub-steps: 'Deploy to Staging' and 'Deploy to Production', both of which are also successful. Below the pipeline view, the console output for 'step-4: Deployments / Deploy to Staging' is visible, showing a 'Shell Script' action. The bottom portion of the image shows an Outlook email notification titled 'Job 'maven-hello-world' Build(#17) Succeeded - Message (Plain Text)'. The email is from 'jenkins@workdomain.com' and is addressed to 'Ariel Wainberg'. The body of the email states: 'Job:'maven-hello-world' on Build:(#17) Succesfully ran.'

## Description of the steps performed:

Step-1: mvn clean - will get us back to only the source Java and the pom.xml.

Step-2: Compiling And Creating the JAR file.

Step-3: Testing by executing the Artifact.

Step-4: Deploying to Staging and Production Servers (Can be used as backup in other cases)

Step-5: Sends success or fail email notification.

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