

CONTINUOUS INTEGRATION AND CONTINUOUS DEPLOYMENT LAB

**Lab File (2023-2024)**

**for**

**5th Semester**

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Experiment 6

**Job Chaining in Jenkins**

# Aim

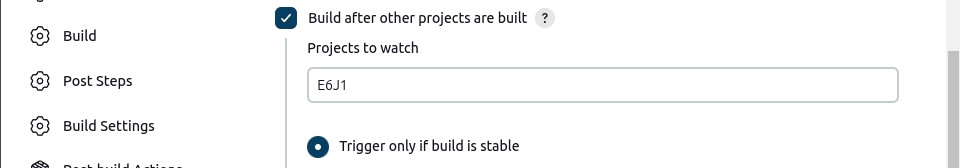
To understand and practice job chaining in Jenkins.

# Steps

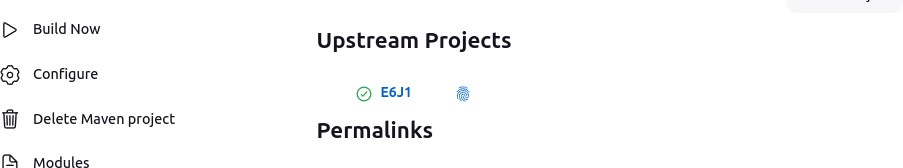
1. Create a Maven Project pipeline E6J1



1. Create another pipeline E6J2
   1. Choose Build Triggers > Build after other projects are built



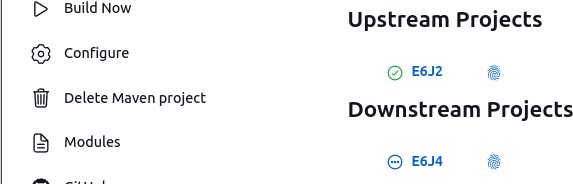
* 1. Previous job is now showing as Upstream Project in the new job



1. Test the chain by building the first pipeline



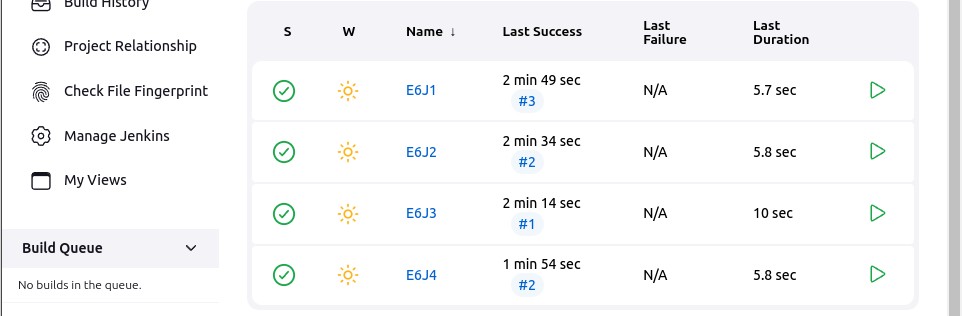
1. Create 2 more pipelines E6J3 and E6J4, creating a longer and branched chain
   1. Add E6J2 as upstream in E6J3



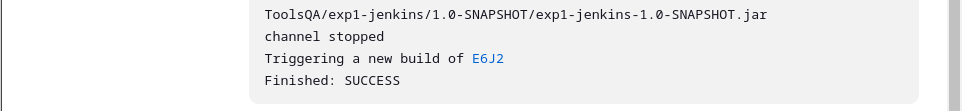
* 1. Add E6J2 and E6J3 as upstream in E6J4



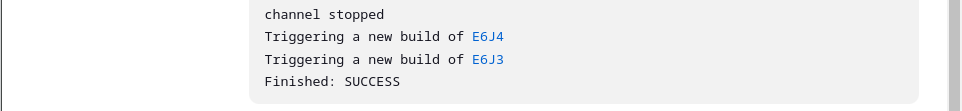
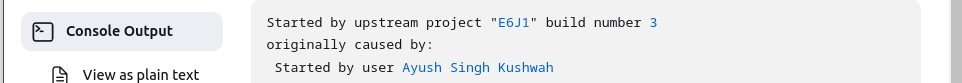
1. Test the complete pipeline chain by running E6J1



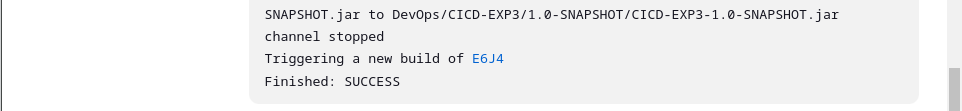
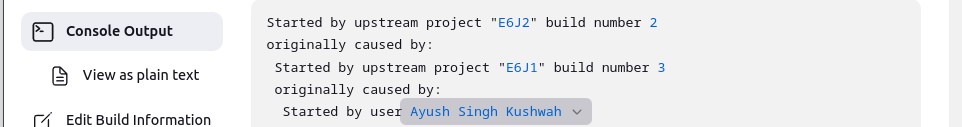
1. Checking logs
   1. E6J1 triggered E6J2 once it succeeded



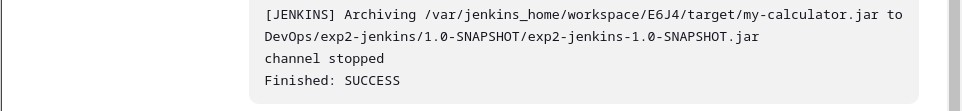
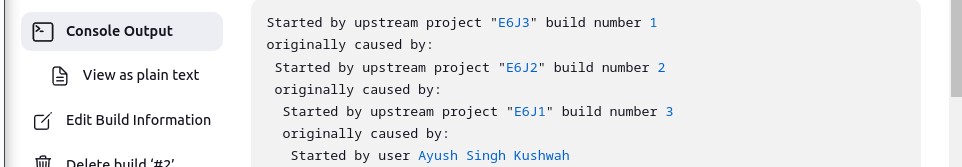
* 1. Similarly others were also triggered
     1. E6J2 logs



* + 1. E6J3 logs



* + 1. E6J4 logs



1. Cleaning up the jobs

