

# Experiment 6

## Job Chaining in Jenkins

### Aim

To understand and practice job chaining in Jenkins.



#### 1. Create a Maven Project pipeline JOB1

		JOB1	3 days 3 hr 	N/A	6.8 sec	
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#### 2. Create another pipeline JOB2

##### a. Choose Configure > Build other projects

###### Post-build Actions

 Build other projects 

Projects to build


☒ Trigger only if build is stable


☐ Trigger even if the build is unstable


☐ Trigger even if the build fails

Add post-build action 

##### b. Previous job is now showing as Upstream Project in the new job



 Build Now

 Configure

 Delete Maven project

 Modules

### Upstream Projects

 E6J1 

### Permalinks

#### 2. Test the chain by building the first pipeline

		JOB1	3 days 4 hr 	N/A	6.8 sec	
		JOB2	3 days 4 hr 	3 days 4 hr 	6.6 sec	
		JOB3	3 days 4 hr 	N/A	6.8 sec	
		JOB4	3 days 4 hr 	N/A	6.8 sec	

#### 3. Create 1 more pipelines JOB3, creating a longer and branched chain

#### 4. Test the complete pipeline chain by running JOB1

Build other projects ?

Projects to build

JOB1, JOB2, JOB3

☒ Trigger only if build is stable

☐ Trigger even if the build is unstable

☐ Trigger even if the build fails

Add post-build action ▾

✓	☀	JOB1	3 days 4 hr #7	N/A	6.8 sec	▶
✓	☁	JOB2	3 days 4 hr #6	3 days 4 hr #2	6.6 sec	▶
✓	☀	JOB3	3 days 4 hr #2	N/A	6.8 sec	▶
✓	☀	JOB4	3 days 4 hr #1	N/A	6.8 sec	▶

00:00 0 34 1

View console Atom feed for all Atom feed for failures Atom feed for next latest builds

#### 5. Checking logs

##### a. JOB1 triggered JOB2 once it succeeded

```
DevOps.B3.Jenkins/DevOps.B3.Jenkins/0.0.1-SNAPSHOT/DevOps.B3.Jenkins-0.0.1-SNAPSHOT.jar
channel stopped
Triggering a new build of E6J3
Finished: SUCCESS
```