



# JENKINS SESSION 3

Managing pipelines

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# MULTIBRANCH PIPELINES

- Multi-branch Pipeline Jobs
  - Each branch with its own Jenkinsfile is built independently.
  - Simplifies handling of feature branches and pull requests
  - Automatically detect branches in a repository.

# SCHEDULED TRIGGERS

Jenkins uses a cron syntax (five fields: minute, hour, day of month, month, day of week) to define build times, similar to Linux's cron but with unique features for load balancing.

- Open the job's configuration.
- Scroll to "Build Triggers."
- Check the "Build periodically" box.
- Enter your schedule expression.
  - Every minute: `* * * * *`
  - Every hour: `H * * * *`
  - Specific weekdays: `H * * * 1,3,5`` (Monday, Wednesday, Friday)
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# PYTHON BUILD

- Setting up a python build
- Adding test cases
- validating output



**THANK YOU**