



# LTAT.06.007 Distributed Systems

## Practical Seminar 2

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# Agenda

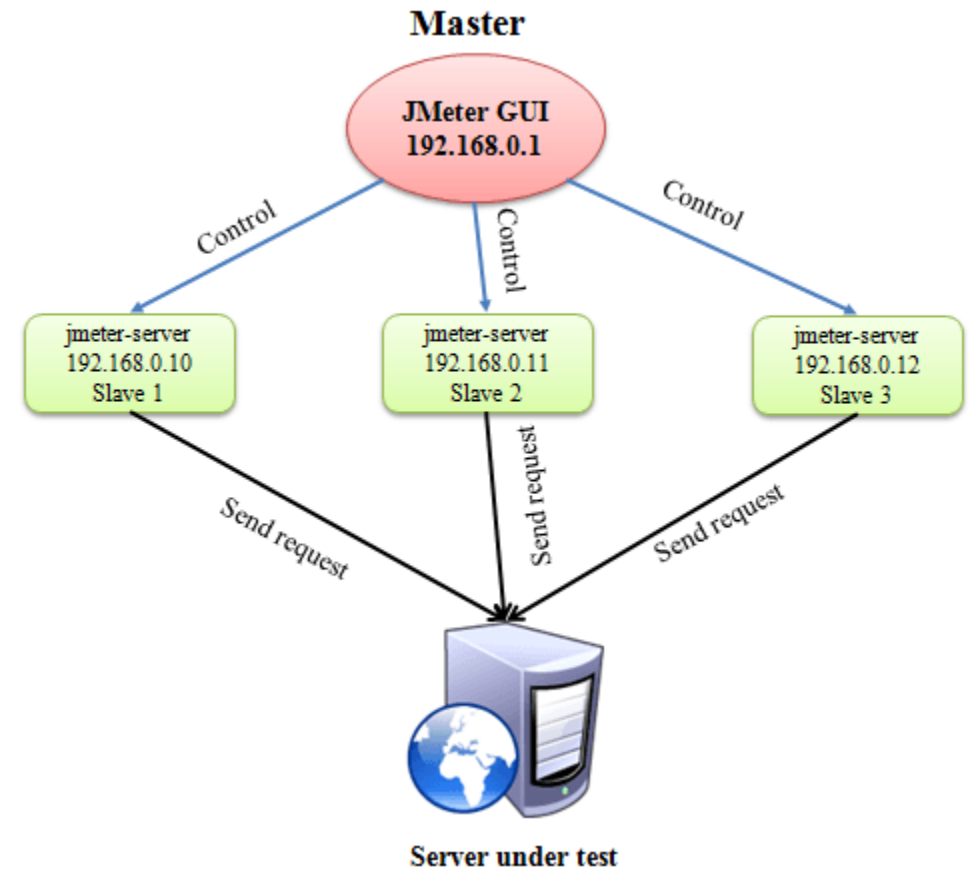
- Individual Work (Be careful about plagiarism)
- Practical exercises
  - Distributed Computing in practice
- Quiz

# Session Content

- Installation and set up of JMeter to implement Python Scripts (30 pts)
- Creating and running Test in JMeter (30 pts)
  - One User group implementing Bubble sort
  - Second User Group implementing Insertion Sort
  - Third User Group implementing Tower of Hanoi (TOI)
- Running the above Test on JMeter server (40 pts)
- Use Apache Jmeter
  - Download the *seminar2\_code.zip* file from course webpage
  - Copy the *Seminar2\_code.jmx* to *apache-jmeter.bin* folder
- Total Exercise Points = 100

# JMeter

- Open Source testing software.
- Load Testing, Performance testing, Remote Testing
- Test Plans
- Listeners



# Jmeter TestPlan

- Container for running tests.
- Defines what to test and how to go about it.
- Test plan may consist of -
  - thread groups,
  - logic controllers,
  - sample-generating controllers,
  - listeners,
  - configuration elements etc.
- A test plan must have at least one thread group.

# More on JMeter

More on Jmeter in :

*<https://jmeter.apache.org/usermanual/get-started.html>*

Hands on Session ...

# Quiz 2

- Content from Lecture 2
- Two Attempts
  - One in Seminar Session
  - Next available until Monday 23:59 (deadline)
- Open Quiz in moodle
- Total Quiz Points = 100





# Questions?

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