

Lab-Sheet 3

1 Creating a larger wired topology

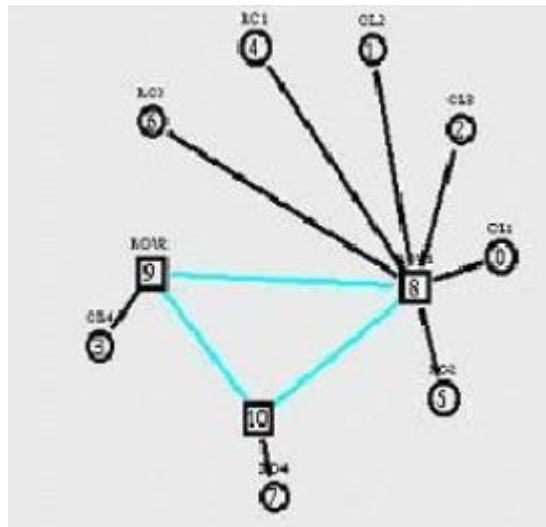
For today's lab-session the goal is to become familiar with creating different types of network topologies, which is needed for coursework Q2. Download the following file from vision **NS2-Wired-Examples** (word/PDF). There should be a list of **NS2 Wired Scenarios (examples)**.

NS2 Wired Program Examples.

Follow the examples, you will find for each example the following information:

- TCL script
- Description
- File name: "filename.tcl"
- How to run
- Output

Exercise 1: Download from vision (example 4), or copy and paste example number 4 (tcp4.tcl) from the **NS2-Wired-Examples (word/pdf)**. The TCL script is to set identification colour to links. This script shows you how to design the following network topology with different colours, labels and shapes for routers and nodes.



Exercise 2: Choose 3 to 4 different scripts and run them.

Exercise 3: Try different topologies and make yourself ready for the coursework.

Note: Complete the observation/results and discussion sheet for each lab (it is on vision with Lab 1), also keep your Tcl files (labs' scenarios) in a safe place. You need to submit both (results discussion sheet and Tcl files) later on (week 11) as part of the coursework.

Remember, for all the lab sessions the observation and discussion (report) is an individual work which means that **MUST** be your own work.