Cognitive Systems
Practical Exercises – Reconfiguration of workspace

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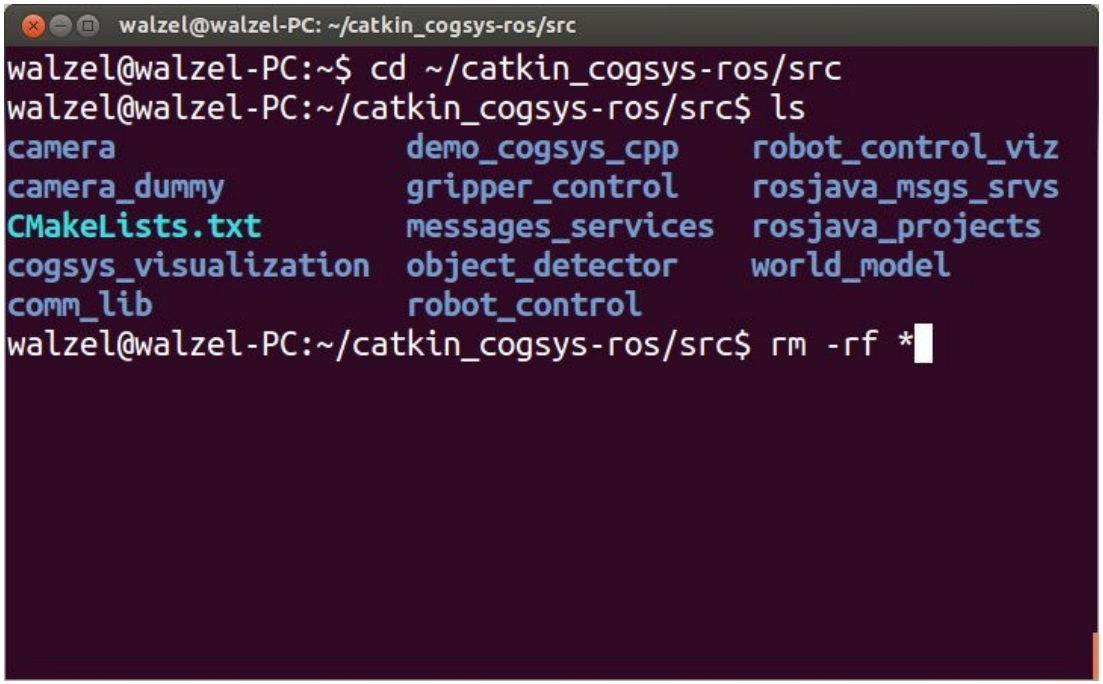
Outline

- Remove all existing ROS packages
- SVN checkout ROS packages
- Build the packages
- Run the required ROS nodes

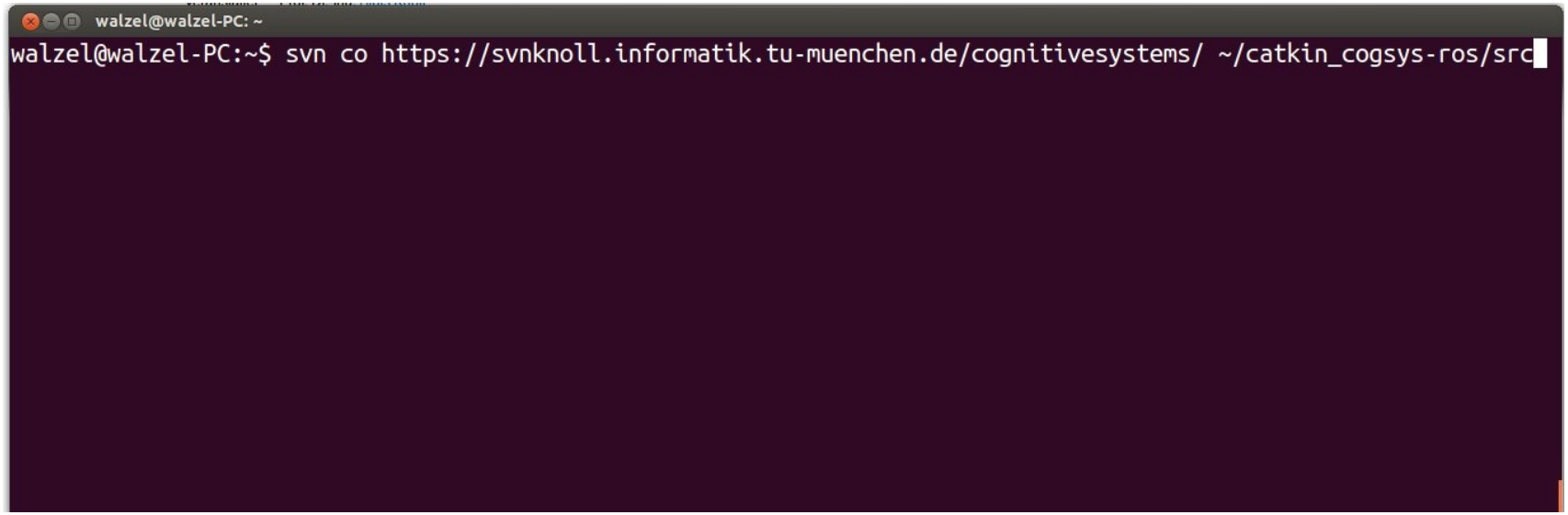
Remove all existing ROS packages

- Open a new Terminal
- Change to ~/catkin_cogsys-ros/src directory
- Remove all packages from src-folder



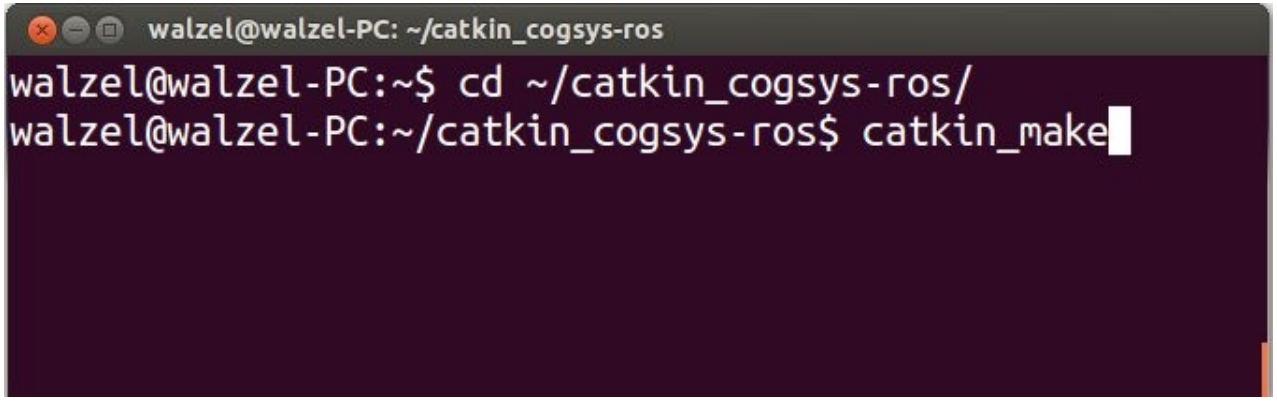
SVN checkout ROS packages

- Checkout ROS packages from new SVN repository
- (See cogsys_howto_v3.txt from lecture's website for copy & paste approach)



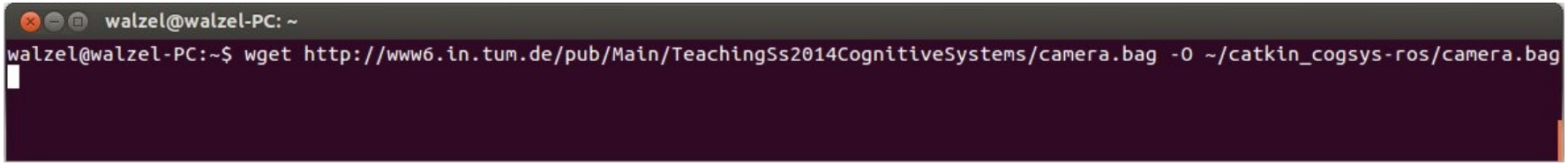
Build the packages

- Change directory to ~/catkin_cogsys-ros/
- Invoke catkin_make



Run the required ROS nodes

- If everything was built successfully, execute the following commands in the given sequence
- Download ROS camera bag file (if you haven't done so yet)
- (See cogsys_howto_v3.txt from lecture's website for copy & paste approach)



Run the required ROS nodes

- Open 8 Terminal windows and execute the following commands in the given sequence
  - roscore
  - cogsys_visualization
  - Robot controllers
  - camera_dummy
  - Play ROS bag file
  - object_detector
  - world_model
  - demo_cogsys_viz_cpp