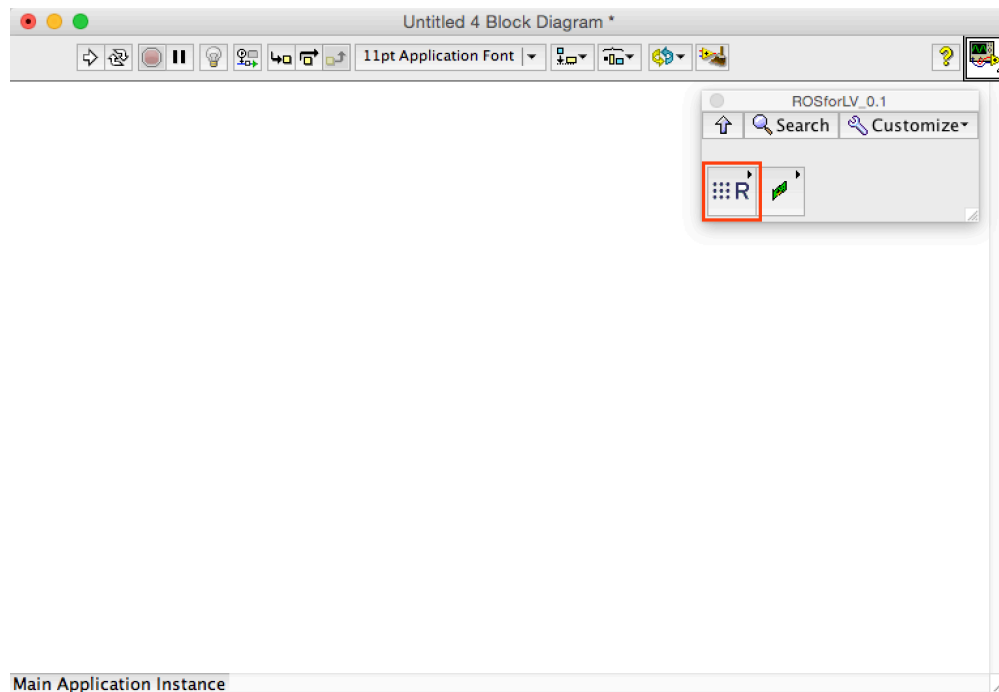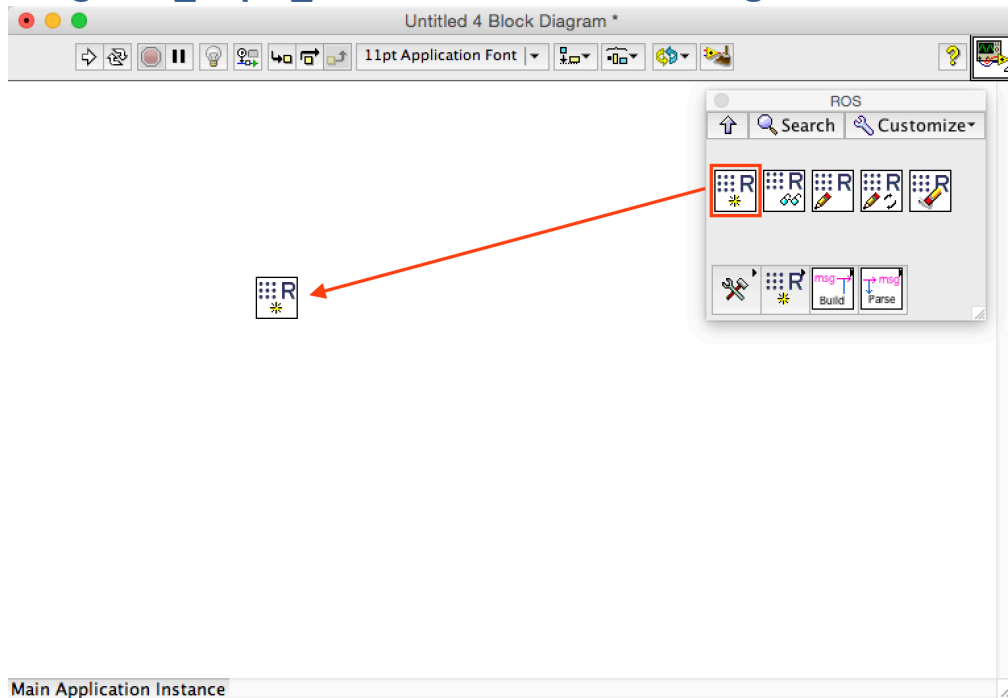# ROS for LabVIEW^{TM} Software Tutorial: Creating a Publisher
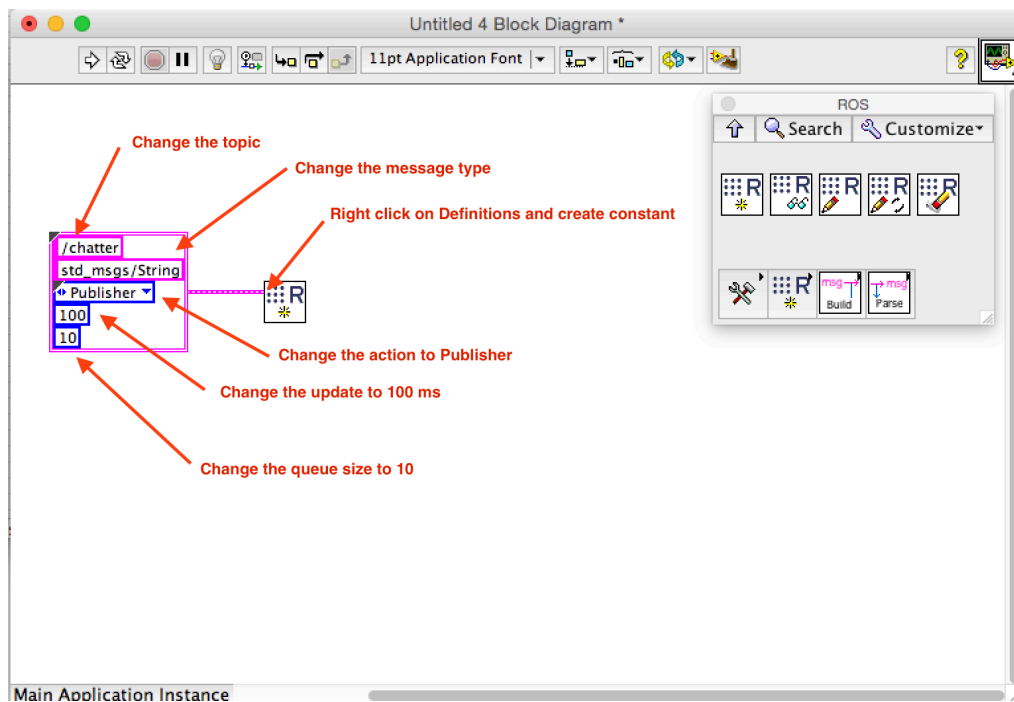
1. **Start LabVIEW**

2. **Open a new VI**

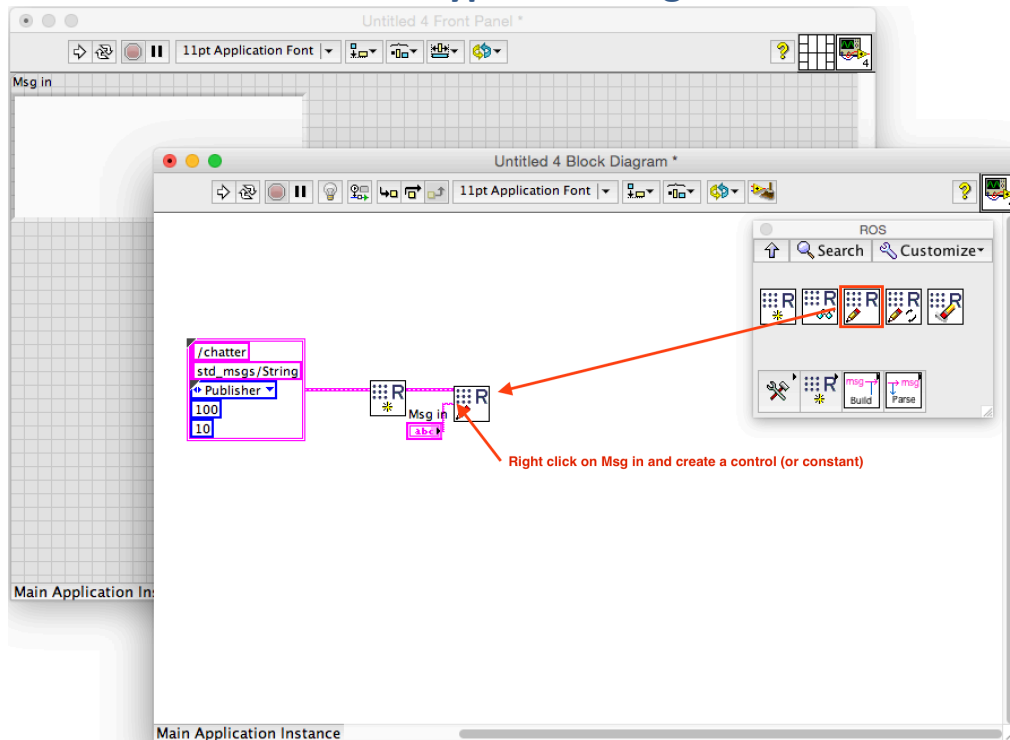3. **Navigate to ROSforLabVIEW under the User Libraries**

4. **Select ROS**
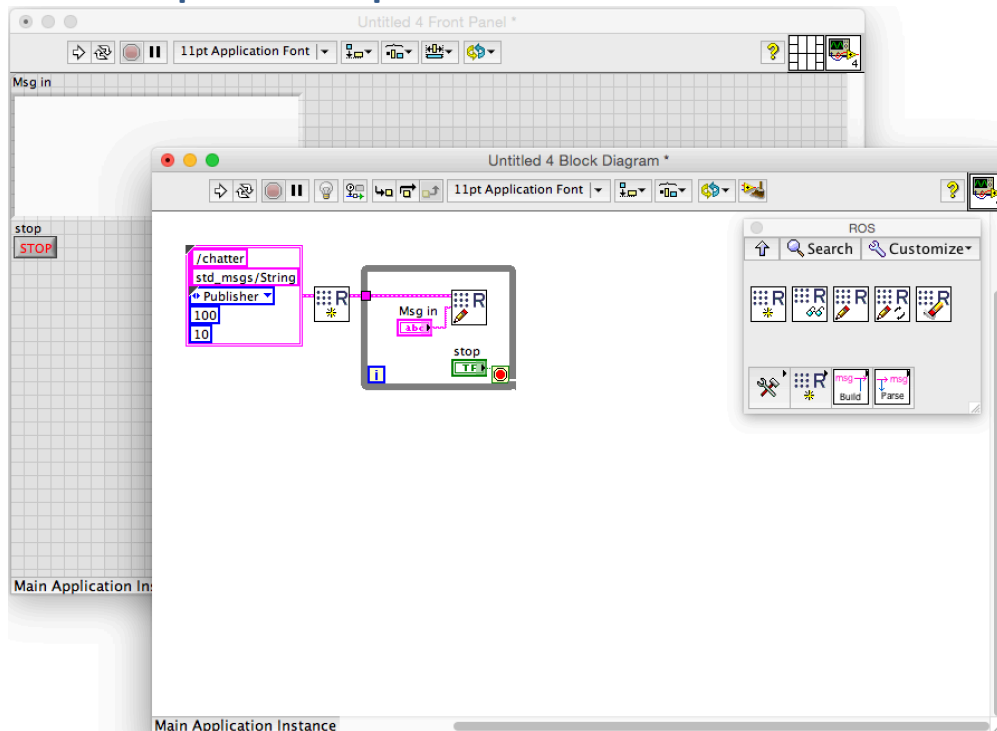
5. Drag ROS_Topic_Init.vi onto the block diagram.

6. Right click on Definitions and create a constant. Change the topic to /chatter, the type to std_msgs/String, and the action to Publisher.
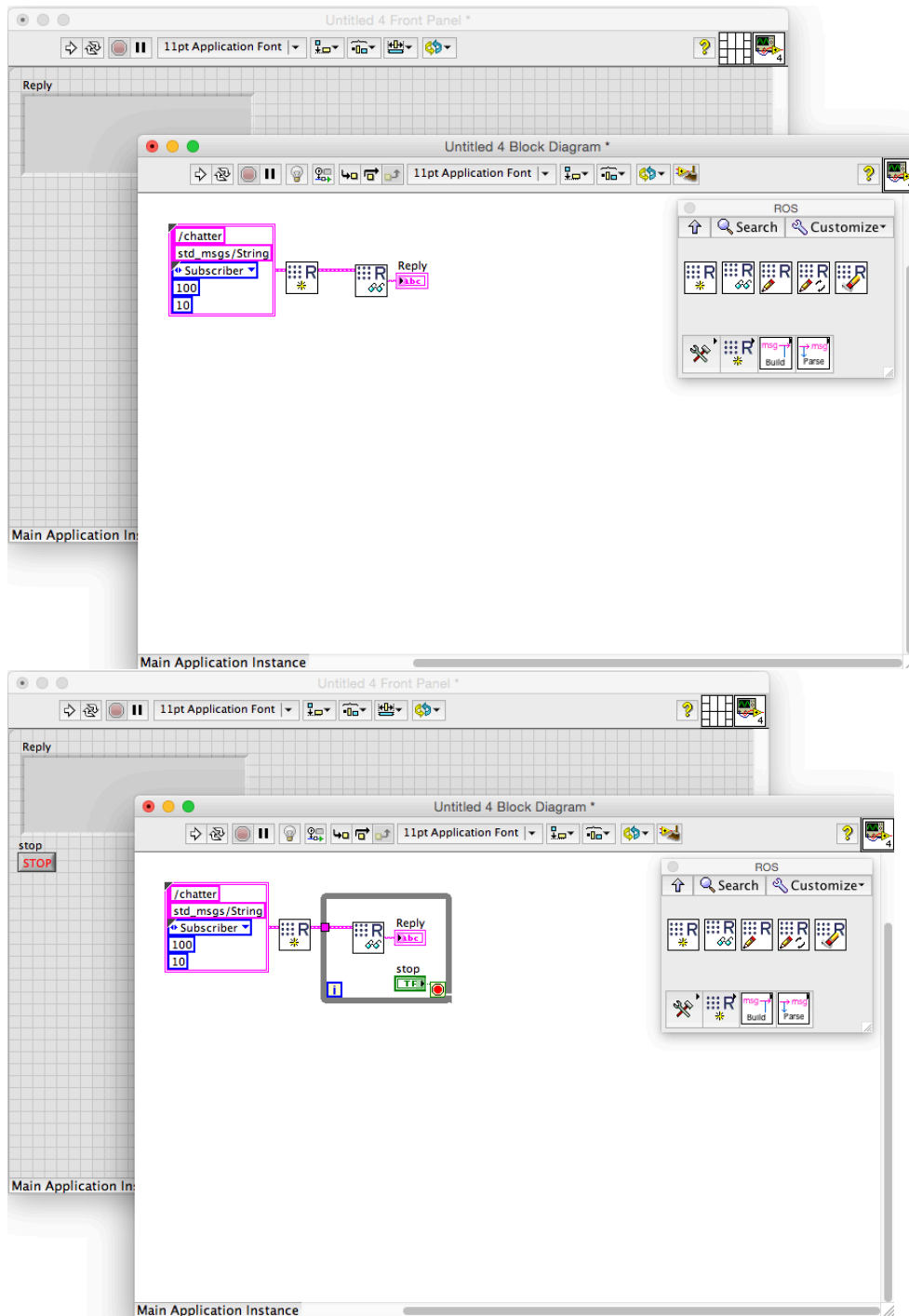
7. Drag ROS_Topic_Write.vi onto the block diagram and right click to add a constant. Type a message

8. Add a loop and a stop button.

9. **Now it's your turn! Try to create a Subscriber using the same methods.**

10. **Click run on your Publisher VI and Subscriber VI to send a message from the Publisher to the Subscriber.**