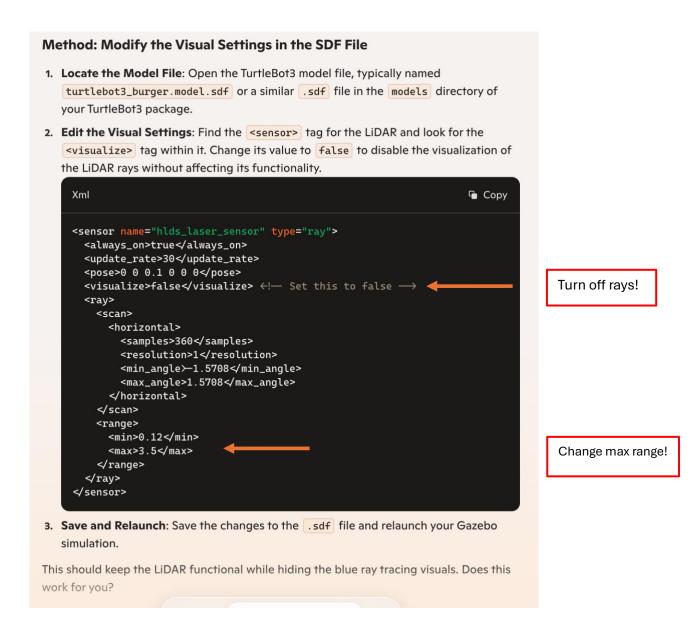
Modifying Properties of Laser Scan

This document shows you how to accomplish a couple of things by modifying the relevant properties in the 'model.sdf' file of the Turtblebot2 'burger' robot.

- a) Change the scanning range of the LiDAR device of the Turtlebot3 in Gazebo.
- b) Turn off the blue rays of the LiDAR in Gazebo (which can affect computation speed due to the need for frequent screen refreshing).

The snapshot (next page) is from a 'CoPilot' enquiry. Your 'model.sdf' file might have content that is somewhat different overall. But you just need to find the two statements to which the changes need to be applied!

First, locate the 'model.sdf' file within your directory structure and open it up for editing.



After you have saved the edits, if Gazebo is open. it must be shut down and relaunched for the changes to take effect.