Please follow the steps below to update the cartographer\_ros package.

1. Clone or download the repository via the link.

<https://github.com/dmnaac/cartographer_ros/tree/switch_trajectory>

1. Find the location where cartographer\_ros is installed.
2. Copy the files listed in the left to the folders in the right and replace the files with the same name.

A screenshot of a computer

Description automatically generated

1. Rebuild the cartographer\_ros package.

**Note:**

1. The ‘original’ folder contains the original copies of the modified codes.
2. switch\_trajectory service arguments format, e.g.

pbstream\_directory: ‘/home/tmrobot/Workspace/cartographer\_ws/map/map01’

pbstream\_basename: ‘map\_01’

1. There is no slash at the end of the path to the pbstream directory.
2. The .pbstream extension is not needed for the pbstream basename.