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netPlan.removeAllRoutesUnused(1);

ArrayList<Long> tNodeIdsTransl = netPlan.getNodeIds();
Node inTransl;
Node outTransl;
Set<Route> groomRouteTransl;
Set<ProtectionSegment> protectRoutesTransl;
Route compareTransl = null;
Route compareTransl2 = null;
ProtectionSegment compare1Transl = null;
List<Link> pathTransl;
List<Link> pathTransl2;
int nWTransl = 0;

for (long tNodeId : tNodeIdsTransl) {
    inTransl = netPlan.getNodeFromId(tNodeId);
    for (long tNodeId1 : tNodeIdsTransl) {

        if (tNodeId == tNodeId1)
            continue;

        outTransl = netPlan.getNodeFromId(tNodeId1);
        double totaltraffic = 0;

        groomRouteTransl = netPlan.getNodePairRoutes(inTransl, outTransl, false, lowerLayer);
        protectRoutesTransl = netPlan.getNodePairProtectionSegments(inTransl, outTransl, false, lowerLayer);
```