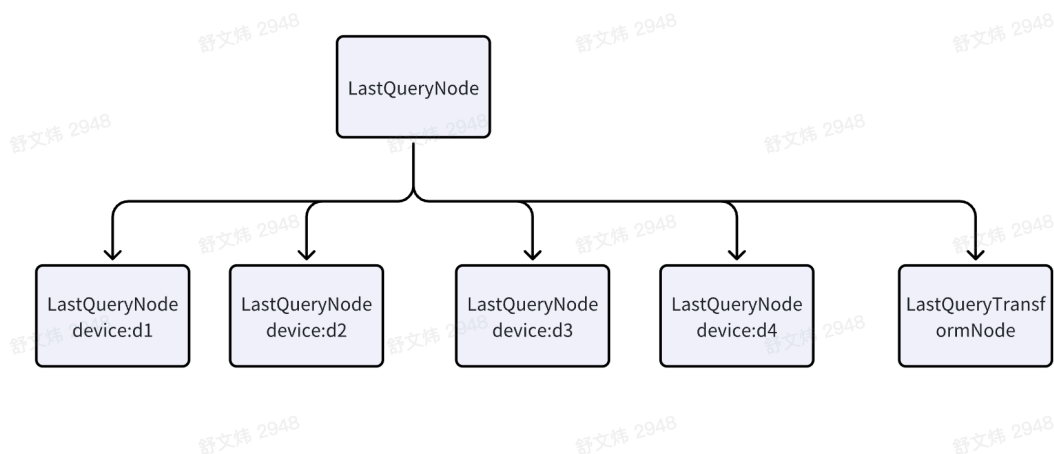
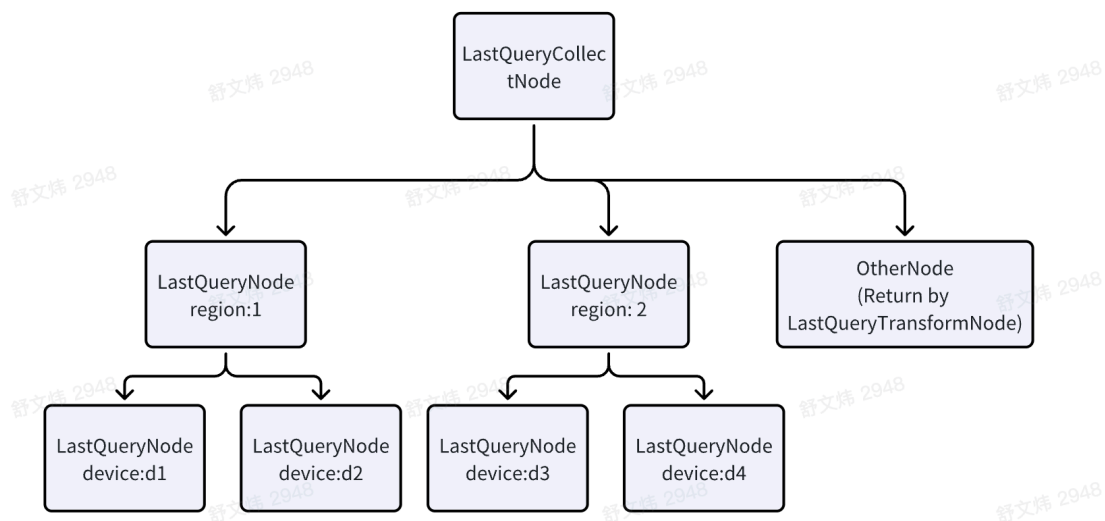


Optimization of the distribution plan phase of LastQueryNode in IoTDB

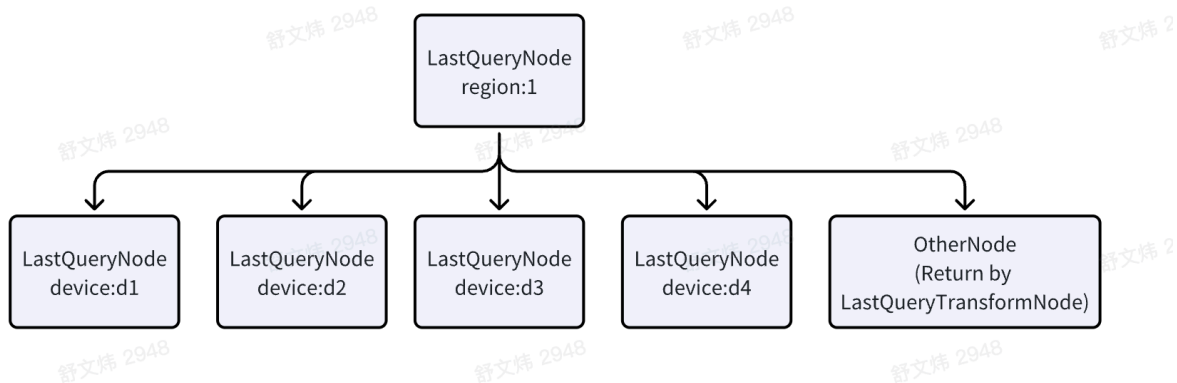
After the logical planning stage, a LastQueryNode contains the LastQueryScanNode and LastQueryTransformNode of all regions.



After rewriting source in distribution plan phase, for multiple regions, it becomes the following.



For single region, it becomes the following structure.



In order to treat `LastQueryNode` as a `SourceNode` in subsequent optimization to avoid traversing each of its children, it is necessary to isolate the nodes generated by `LastQueryTransformNode` from `LastQueryNode`. After this change, the structure becomes the following, even if there is only a single region.

