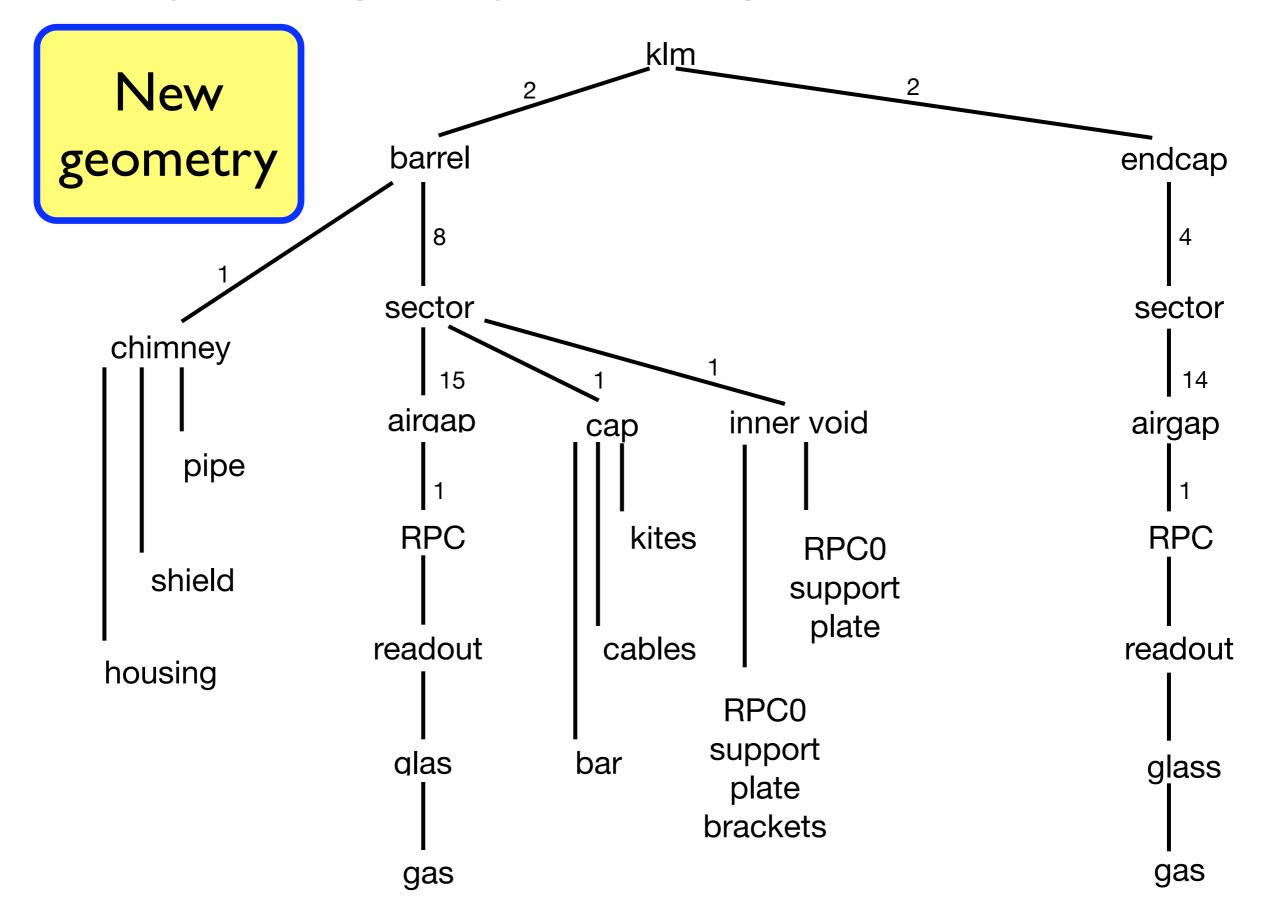
Geant4 KLM Status

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KLM geometry using RPCs is up-to-date:



KLM code writes Panther tables for RPC hits:

- B4KLM_SensitiveDetector::ProcessHits() saves each step of a charged particle through the RPC gas by creating a new B4KLM_Hit() and adding it to the B4KLM_HitsCollection vector. (Rawklm_mchitpoint panther table for each hit). Need to "lose" hits due to RPC inefficiency.
- B4KLM_Digitizer() converts a saved hit into cathode strips by creating a new B4KLM_Digi() and saves these in B4KLM_DigiCollection vector. (Needs to know details of RPC strip geometry, which event simulation ignores.) (Datklm_hitstrip panther table for each cathode strip).
- B4KLM_SensitiveDetector::Addbg0ne() will add background hits to each event. Not implemented yet. Also, RPC efficiency must be reduced as the background rate rises not sure if Addbg0ne() will be able to implement this (too late in event?).