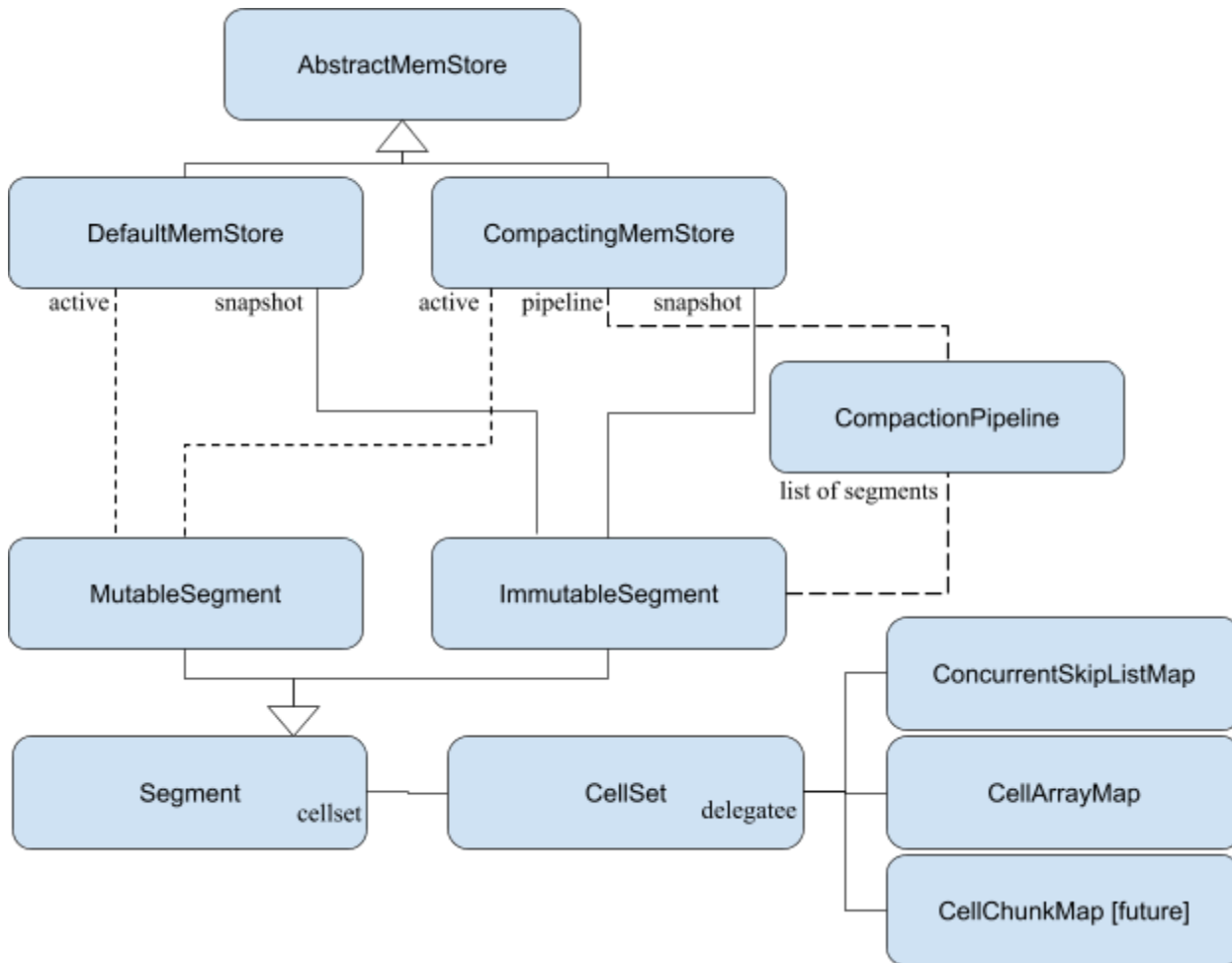


MemStore Sizes

The global suggestion is to keep the sizes in an object oriented way. The MemStore's class diagram now looks like this



So we suggest that each class is going to be responsible for the sizes of itself (metadata and cell/key size separately). From here only segments are going to hold the key size, meaning the size of the input data allocated whether directly on heap or via MSLAB or off-heap in the future.

The entire size of the MemStore is going to be calculated collectively in the request time and according to the request. So hereby please see the sizes-responsibility diagram:

