2020/6/2

Directory class:

Add storage map (and corresponding operations):

std::pair<std::map<int, File\*>, std::set<int>> storageMap;

unsigned int unit\_block\_size; // would be initialised as 20 bytes

Add storage limit (and corresponding checks):

unsigned int storage\_limit; // would be initialised as 100 Mb divided by 20 byte

Add method defragment():

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\* Method: defragment

\* Usage: Directory.defragment();

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\* Defragments the storage

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void defragment(bool print = true);

modified touch(), mv(), rm(), put(), deserialise() respectively.