UML Diagram for Practical & Hashing

DSAHashTable

- hasharray (DSAHashEntr
y array)
- count (int)

+ put(inKey, inValue) : None
+ get(inKey) : Object
+ remove (inKey) : Object
+hasKey(inKey) :boolean
+getLoadFactor(count,size) :double
+printTable() : None
+saveFile() : None
+load(fileName) :DSAHashTable
+save(objToSave,fileName) : None
-hash(inKey) : integer
-find(inKey) : integer
-findNextPrime(startVal) : integer
-stepHash(inHashIdx) : integer
-reSize(arraySize) : None

DSAHashEntry

-key (String)
-value (Object)
-state(integer)

+getKey() : String
+getValue() : Object
+getState() : integer
-setKey(inKey) : None
-setValue(inValue) :None
-setState(inState) : None

TestHarness

+readFile() : DSAHashTable
+testResizing() : None
+testLargeDataFiles() : Nne