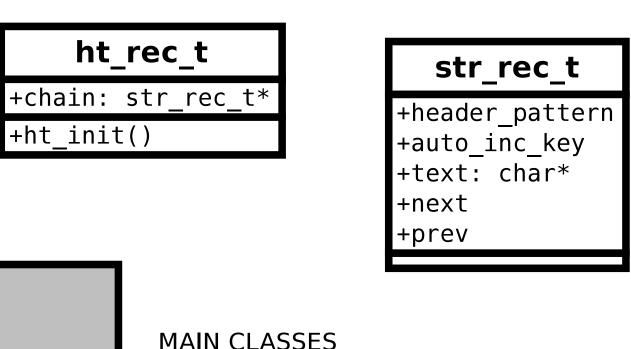**sth_t**

+header_pattern
+start_address
+size
+name
+dbg_ctx
+first_record
+first_free

+sth_init()
+sth_set_name()
+sth_malloc()
+sth_free()

sth_dbg_t

+header_pattern
+hash_table_size: unsigned int
+heap: sth_t *
+max_key: unsigned int
+hash_table[]: ht_rec_t

ht_rec_t

+chain: str_rec_t*

+ht_init()

str_rec_t

+header_pattern
+auto_inc_key
+text: char*
+next
+prev

sth_rec_t

+size: unsigned int:31
+occupied: unsigned int:1
+heap: sth_t *
+next_block
+prev_block
+next_free
+prev_free
+func_name
+file_name

MAIN CLASSES

AUXILLIARY (DEBUG) CLASSES