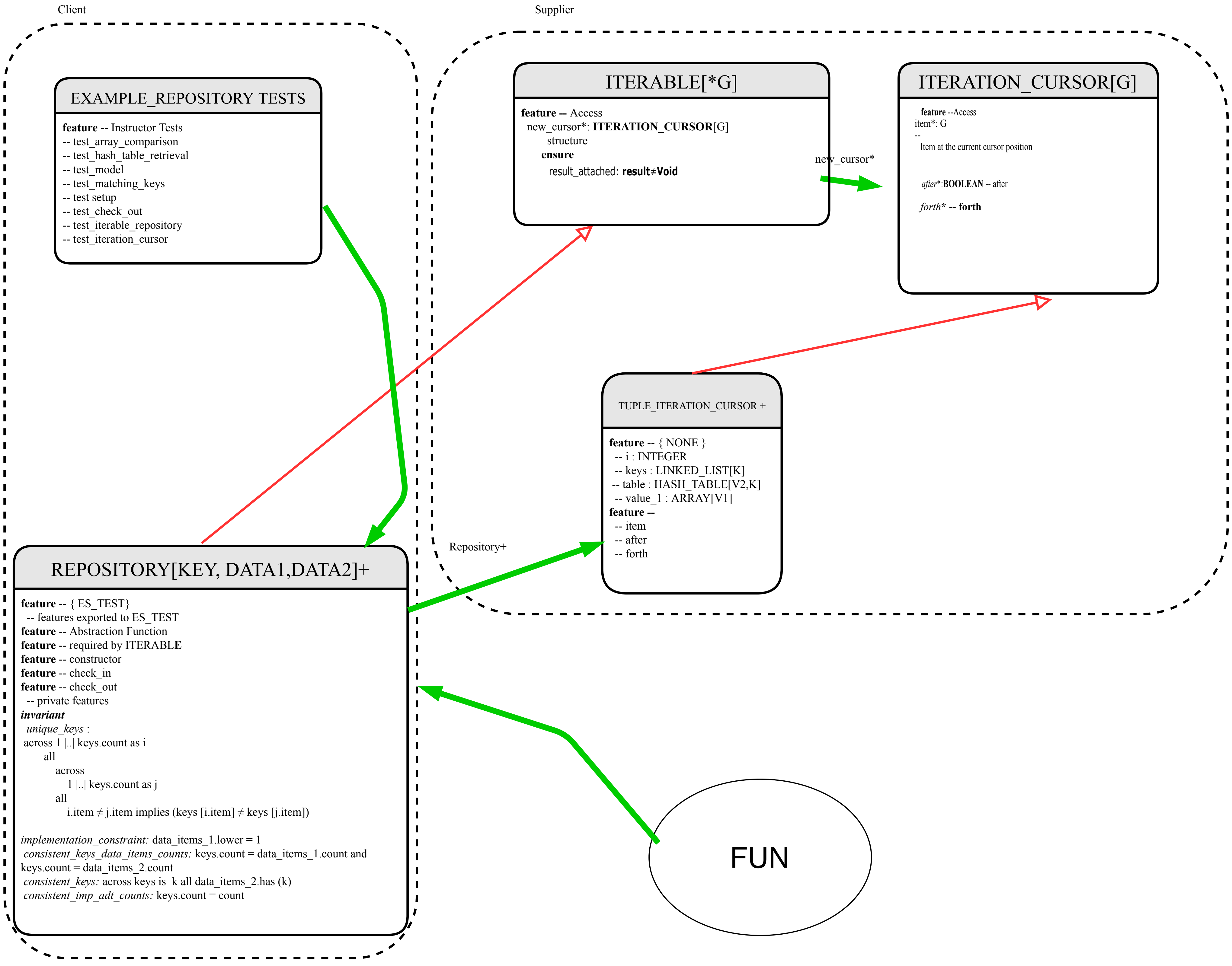

EXAMPLE_REPOSITORY TESTS

feature -- Instructor Tests
-- test_array_comparison
-- test_hash_table_retrieval
-- test_model
-- test_matching_keys
-- test setup
-- test_check_out
-- test_iterable_repository
-- test_iteration_cursor

REPOSITORY[KEY, DATA1,DATA2]+

feature -- { ES_TEST}
-- features exported to ES_TEST
feature -- Abstraction Function
feature -- required by ITERABLE
feature -- constructor
feature -- check_in
feature -- check_out
-- private features
invariant
unique_keys :
across 1 |..| keys.count as i
all
across
1 |..| keys.count as j
all
i.item ≠ j.item implies (keys [i.item] ≠ keys [j.item])

implementation_constraint: data_items_1.lower = 1
consistent_keys_data_items_counts: keys.count = data_items_1.count and keys.count = data_items_2.count
consistent_keys: across keys is k all data_items_2.has (k)
consistent_imp_adt_counts: keys.count = count

ITERABLE[*G]

feature -- Access
new_cursor*: **ITERATION_CURSOR**[G]
structure
ensure
result_attached: **result≠Void**

ITERATION_CURSOR[G]

feature --Access
item*: G
--
Item at the current cursor position

*after**:**BOOLEAN** -- after

*forth** **-- forth**

TUPLE_ITERATION_CURSOR +

feature -- { NONE }
-- i : INTEGER
-- keys : LINKED_LIST[K]
-- table : HASH_TABLE[V2,K]
-- value_1 : ARRAY[V1]
feature --
-- item
-- after
-- forth