MOVE'

feature -- board board : BOARD

feature --deferred queries

directions: ARRAY [TUPLE[x: INTEGER; y: INTEGER]]

feature -- queries

valid (a_x, a_y; INTEGER) : BOOLEAN --valid location that is in game grid

moves (a_x, a_y: INTEGER): ARRAY [SQUARE]

--all the possible moves

require

valid (a_x, a_y)

feature --deferred commands

execute undo redo

MOVE_KING+

feature --create

make (new_pos: SQUARE)

make_old_new (new_pos, old_pos; SQUARE) --create move by using given positions

feature -- queries

old_position, position: SQUARE

directions: ARRAY[TUPLE[x: INTEGER; y: INTEGER]]

--all the possible directions to move

feature -- commands

execute undo redo

MOVE_KNIGHT+

feature --create

make (new_pos: SQUARE)

make_old_new (new_pos, old_pos; SQUARE)

--create move by using given positions

feature -- queries

old_position, position: SQUARE

directions: ARRAY[TUPLE[x: INTEGER; y: INTEGER]]

--all the possible directions to move

feature --commands

execute undo redo

SQUARE+

feature -- queries x, y: INTEGER

valid (a_x, a_y: INTEGER) : BOOLEAN --valid index in board