Contract   SmartPy   Types   Deploy Michelson Contract   ×

New contract: KT1Tezooooozz…
Balance: 0.000000 🖼
Storage:

Bot_manager	Coordinate_x	Coordinate_y	Is_alive
tz1Syu3KacZ8…	0	0	True

Code:

import smartpy as sp

```
class Contract(sp.Contract):
    def __init__(self):
        self.init_type(sp.TRecord(bot_manager = sp.TAddress, coordinate_x = s
        self.init(bot_manager = sp.address('tz1Syu3KacZ8cy4286a4vaCeoMtwqVKHl
                  coordinate_x = 0,
                  coordinate_y = 0,
                  is_alive = True,
                  name = 'terminator',
                  plasma_bullet_count = 5,
                  record_alien_kills = {'boss_alien' : 0, 'simple_alien' : 0]


    @sp.entry_point
    def change_name(self, params):
        sp.verify(self.data.bot_manager == sp.sender, 'Error: non manager ca
        self.data.name = params

    @sp.entry_point
    def move_horizontally(self, params):
        sp.verify(self.data.bot_manager == sp.sender, 'Error: non manager ca
        self.data.coordinate_x += params

    @sp.entry_point
    def move_vertically(self, params):
        sp.verify(self.data.bot_manager == sp.sender, 'Error: non manager ca
        self.data.coordinate_y += params

    @sp.entry_point
    def shoot_alien(self, params):
        sp.verify(self.data.bot_manager == sp.sender, 'Error: non manager ca
        sp.if self.data.plasma_bullet_count >= 1:
            self.data.plasma_bullet_count -= 1
            self.data.record_alien_kills[params] += 1
        sp.else:
            sp.failwith('Error: you ran out of bullets! Please buy more!')


sp.add_compilation_target("test", Contract())
```

(line 78)

Transaction   Summary   Michelson   X

Transaction [OK] by [tz1Syu3KacZ8…] at time [timestamp(0)] to KT1Tezoooozz…

| Change_name | 'punky terminator' |

Balance: 0.000000

Operations:

Storage:

Bot_manager	Coordinate_x	Coordinate_y	Is_aliv
tz1Syu3KacZ8…	0	0	True

(line 80)

Transaction   Summary   Michelson   X

Transaction [OK] by [tz1Syu3KacZ8…] at time [timestamp(0)] to KT1Tezoooozz…

| Move_horizontally | 2 |

Balance: 0.000000

Operations:

Storage:

Bot_manager	Coordinate_x	Coordinate_y	Is_aliv
tz1Syu3KacZ8…	2	0	True

(line 84)

Transaction   Summary   Michelson   X

Transaction [OK] by [tz1Syu3KacZ8…] at time [timestamp(0)] to KT1Tezoooozz…

| Move_vertically | 1 |

Balance: 0.000000

Operations:

Storage:

Bot_manager	Coordinate_x	Coordinate_y	Is_aliv
tz1Syu3KacZ8…	2	1	True

(line 86)

Transaction   Summary   Michelson   X

Transaction [OK] by [tz1Syu3KacZ8…] at time [timestamp(0)] to KT1Tezoooozz…

Shoot_alien	'simple_alien'

Balance: 0.000000 🖼
Operations:
Storage:

Bot_manager	Coordinate_x	Coordinate_y	Is_aliv
tz1Syu3KacZ8…	2	1	True

(line 88)

Transaction   Summary   Michelson   X

Transaction [OK] by [tz1Syu3KacZ8…] at time [timestamp(0)] to KT1Tezoooozz…

Shoot_alien	'boss_alien'

Balance: 0.000000 🖼
Operations:
Storage:

Bot_manager	Coordinate_x	Coordinate_y	Is_aliv
tz1Syu3KacZ8…	2	1	True

(line 90)