Register name Workflow sequence diagram

| Bob | Registry | RegistryProxy |

get()
1

registry{accountID}
2

valid("myname")
3

alt   [is_valid]

true
4

[not_valid]

false
5

alt   [true]

available("myname")
6

get_hash("myname")
7

rent_price("myname", 100)
8

Hash{"0x..."}
9

Balance{1000}
10

alt   [is_available]

true
11

[not_available]

false
12

alt   [true]

make_commitment("myname", AccountId{"Bob"}, 1)
13

Hash{"0x..."}

14

15 commit(Hash{"0x..."})

Pays Balance{10}.

16 available("myname")

alt [is_available]

true

17

[not_available]

false

18

alt [true]

19 register("myname", AccountId{"Bob"}, 100, 1)

Pays Balance{1000}.

20 available("myname")

false

21

Bob

Registry

RegistryProxy