Sequence Diagram of ReadTemperature()

:registry	:Map	:Map_iitem	:Read	:read_Item

readTemperature(Location location,
Map map,
Read read)

map_list = getMap()

read_list = getRead()

Loop

[map_list size]

Location L = getL()

alt

[location == L]

Sensor s = getS()

Loop

[read_list size]

Sensor sen = getS()

alt

[sen == s]

Temperature t = getT()

Return t