





Avatar

 Synced Parameter Bit  256 bit Synced Parameter Bits  Avatar 

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LIII Works  Avatar 

 Modular Avatar  VRCFury  Avatar 

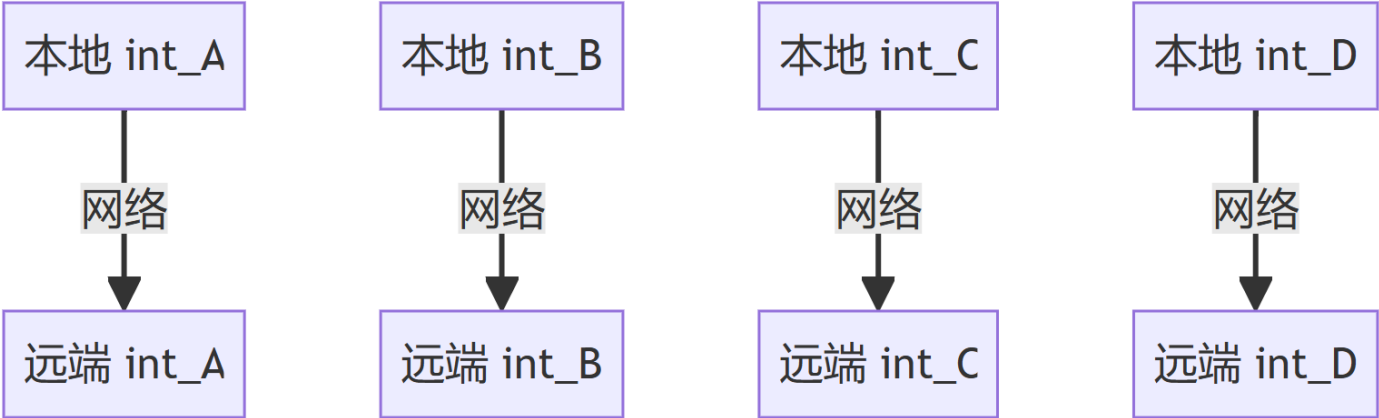


 Avatar  Synced  Parameter Bit  Avatar  Avatar  

 Avatar  Synced Parameter Bit  VRChat  Avatar P



- int_A
- int_B
- int_C
- int_D



Parameter





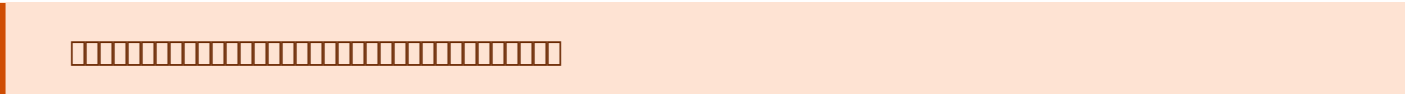
Int_B

1 4

Bit

bit

bit



VRChat 0.2s $\text{AverageInterval} = 0.2s$ (Latency = 0.1s 1.0s)

Bit ()

bit

bit

$$(\text{对应参数类型的 bit 消耗} \times \text{要同步的参数的项目数}) - \text{对应参数类型的 bit 消耗} \times \left(\frac{\text{要同步的参数的项目数}}{\text{同步步骤}} \right)$$

bit

(Bool, Int && Float) Int Float

$$(\text{同步步骤} - 1) \times 0.2s$$

$$\left\lceil \frac{\text{要同步的参数项目数}}{\text{同步步骤}} \right\rceil$$



10 integer 4

- $7 * 10 = 70 \text{ bit}$
- $10/4 = 2.5 \wedge = 3$
- $7 * 3 = 21 \text{ bit}$
- 49 bit
- $4 * 0.2 = 0.6s$



(Bool, Float*) (Bool)

Int Float Float Int



- Avatar

- 1.
2. 0.2
- 3.

1



&&



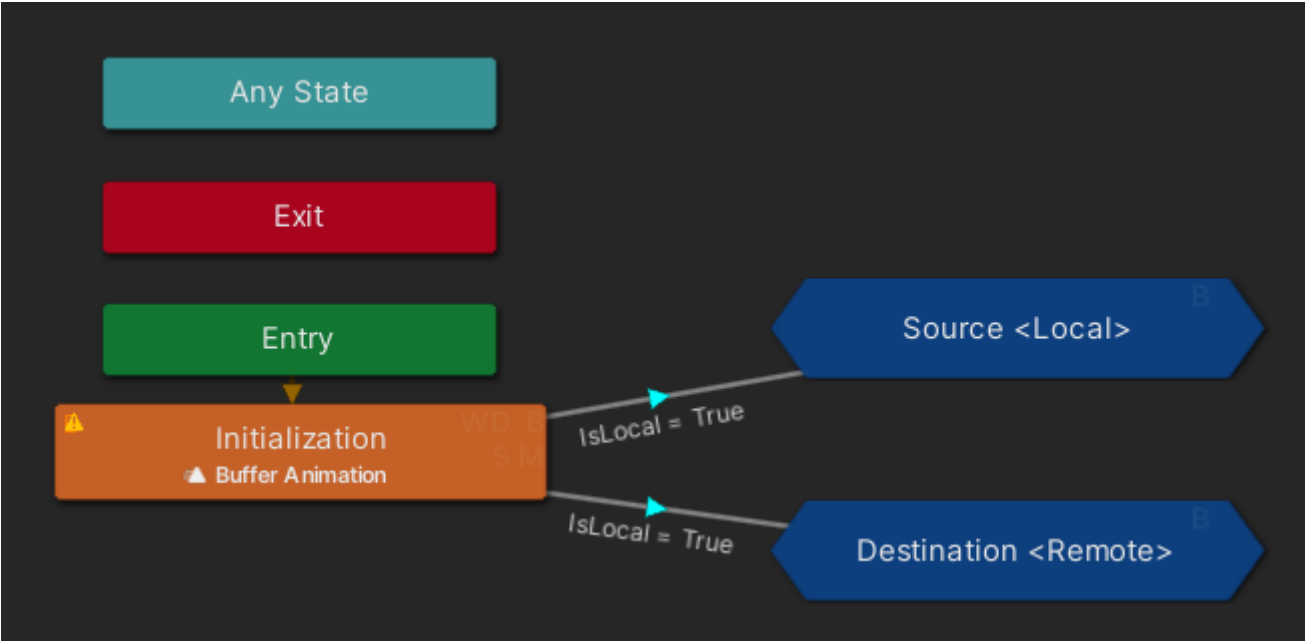
- $2 = 1 (0, 1)$
- $3 = 2 (00, 01, 10, 1)$
- $4 = 2 (00, 01, 10, 11)$

- $5 \times 3 = 15$ (000, 001, 010, 011, 100, 101, 110, 111)
- ...

Avatar

Avatar Avatar Avatar Avatar Avatar

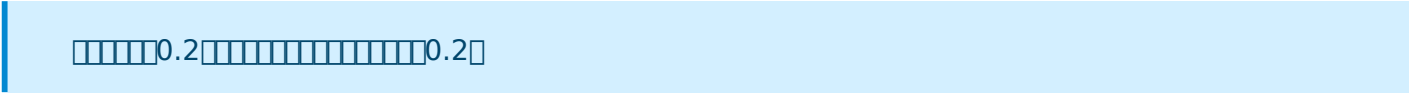
IsLocal Avatar

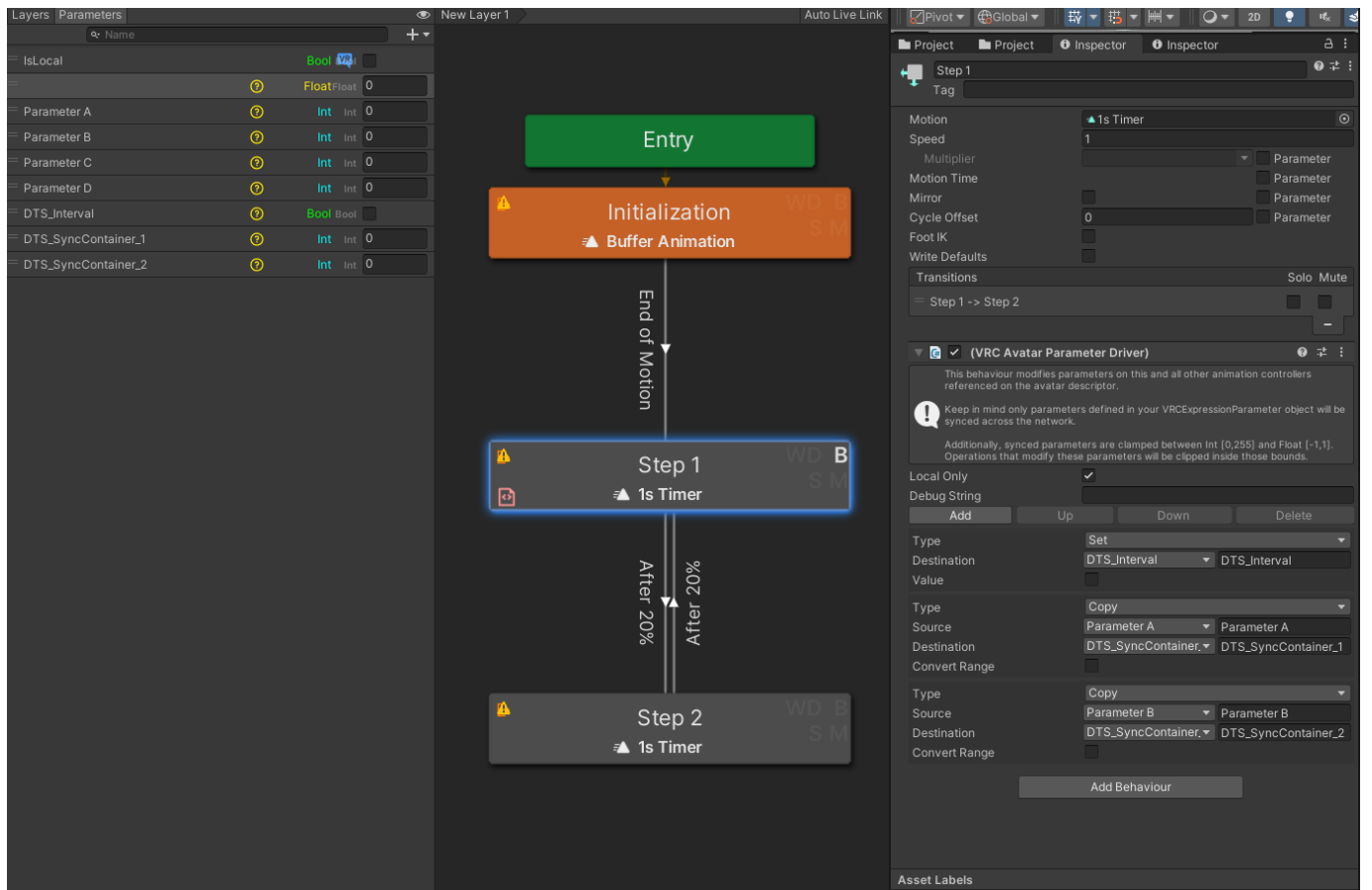


Avatar

Avatar

Avatar Avatar





Parameter Driver

Wait For Interval Parameter Driver Transition Exit Time



Parameter Driver

VRChat Avatar Parameter

VRChat AI Parameters

Avatar Parameters | VRChat Creation

Avatar

Avatar Avatar Avatar

Avatar

Avatar Playable Layer Expression Parameters List

Avatar

Avatar 256 bit bool True/False 1 bit int float 7 bit

Avatar

VRChat Speech Playable IK

- Speech
 - Viseme Oculus Lipsync
 - Viseme
 - /
- Playable
 -
 - 0.1 1 1 10
 - 0.2 0.1 1
- IK

- ☐ VRChat ☐ Parameter ☐ Float ☐ Radial Puppet ☐ Axis Puppet ☐
- ☐ 0.1 ☐ 10 ☐ float ☐
- ☐

Parameter Driver

AI

Parameters | VRChat Creation

Parameter Driver

Parameter Driver Avatar VRCE

Avatar Parameter Driver SetAddRandom Copy

Set

Set

Add

Add

Random

Random

Copy

VRChat
Copy

- **Source** VRChat GestureLeftWeight
- **Destination** MK Expression Parameter

Copy VRChat BlendTree Parameter VRChat

Parameter Driver

[0, 255] [-1, 1]

Local Only

"Local Only" IsLocal

Debug String

Avatar Parameter Driver
