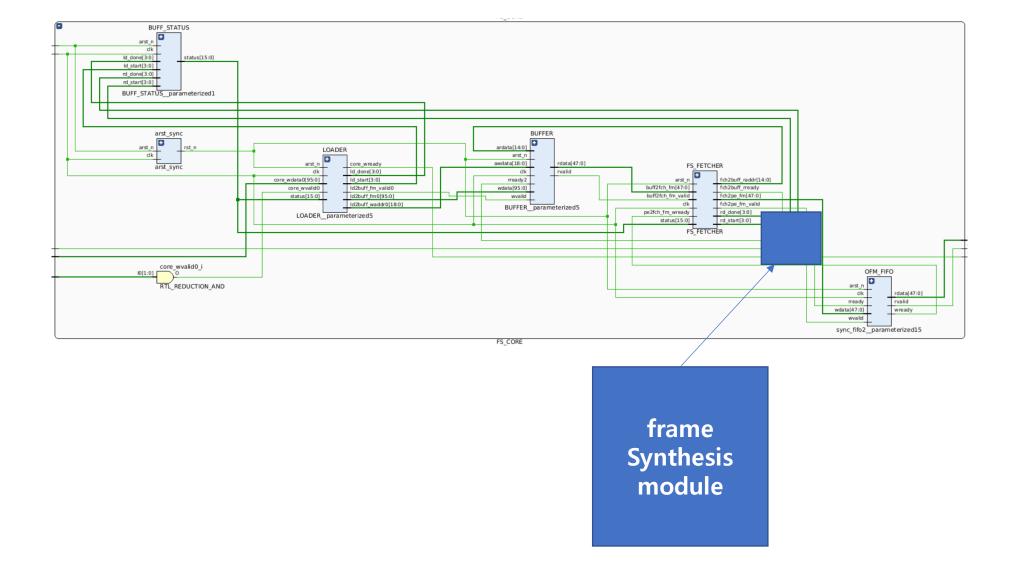
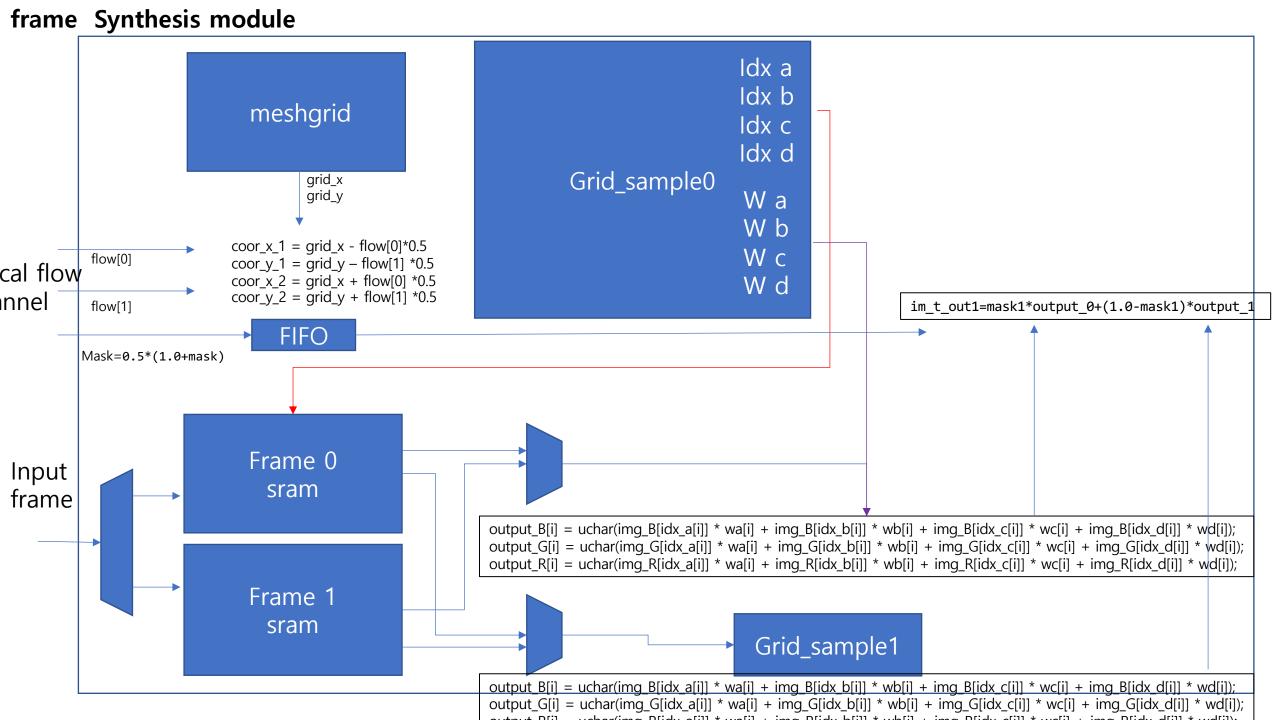
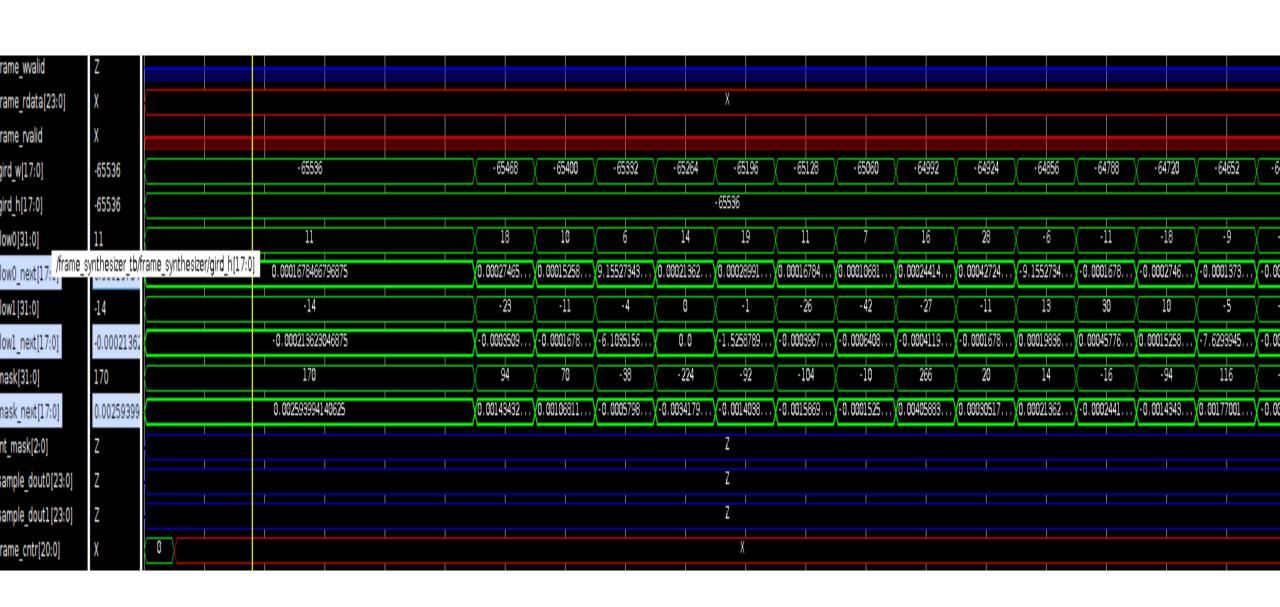
Sampling & interpolation





```
[[ 32/08.]]], grau_III-\Mulbackwaru0/)
float motion0 tensor([[[ 1.6785e-04, 2.8229e-04, 1.5259e-04, 9.9182e-05, 2.2125e-04,
           2.9755e-04, 1.7548e-04, 1.1444e-04, 2.4414e-04, 4.2725e-04,
           -9.1553e-05, -1.6785e-04, -2.6703e-04, -1.2970e-04, -1.9073e-04,
           1.8311e-04, 2.2888e-04, 3.8910e-04, 3.0518e-04, 3.9673e-04,
           3.4332e-04, 2.6703e-04, 1.6022e-04, 1.4496e-04, 1.6785e-04,
           3.0518e-04, 2.6703e-04, 6.8665e-04, 1.8311e-04, -3.8910e-04,
           -3.0518e-05, 2.2888e-04]]]], grad_fn=<SliceBackward>)
int_motion0 tensor([[[[ 22., 37., 20., 13., 29., 39., 23., 15., 32., 56., -12.,
          -22., -35., -17., -25., 24., 30., 51., 40., 52., 45., 35.,
           21., 19., 22., 40., 35., 90., 24., -51., -4., 30.]]]],
       grad fn=<SliceBackward>)
float motion1 tensor([[[-2.1362e-04, -3.5095e-04, -1.6785e-04, -6.1035e-05, 0.0000e+00,
           -1.5259e-05, -3.9673e-04, -6.4087e-04, -4.1199e-04, -1.6785e-04,
           1.9836e-04, 4.5776e-04, 1.5259e-04, -7.6294e-05, -2.4414e-04,
          -2.5940e-04, -4.4250e-04, -6.1035e-04, -3.5095e-04, -9.1553e-05,
           -2.2888e-04, -4.4250e-04, -4.7302e-04, -5.3406e-04, -7.6294e-05,
           2.4414e-04, 4.2725e-04, 7.1716e-04, 1.8311e-04, -2.2888e-04,
          -2.5940e-04, -3.6621e-04]]]], grad fn=<SliceBackward>)
int_motion1 tensor([[[[-14., -23., -11., -4., 0., -1., -26., -42., -27., -11., 13.,
           30., 10., -5., -16., -17., -29., -40., -23., -6., -15., -29.,
          -31., -35., -5., 16., 28., 47., 12., -15., -17., -24.]]]],
       grad fn=<SliceBackward>)
float motion2 tensor([[[ 2.5940e-03, 1.4343e-03, 1.0681e-03, -5.7983e-04, -3.4180e-03,
          -1.4038e-03, -1.5869e-03, -1.5259e-04, 4.0588e-03, 3.0518e-04,
           2.1362e-04, -2.4414e-04, -1.4343e-03, 1.7700e-03, -3.3569e-04,
           -9.1553e-04, 3.1128e-03, 1.4343e-03, -2.2583e-03, -2.9297e-03,
           -2.0752e-03, -6.1035e-04, -2.2583e-03, -1.8616e-03, 9.4604e-04,
           -1.7395e-03, -8.7891e-03, -6.6223e-03, -5.1575e-03, 3.0518e-05,
          -9.1553e-05, -1.5869e-03||||, grad fn=<SliceBackward>)
int motion2 tensor([[[ 85., 47., 35., -19., -112., -46., -52., -5., 133.,
             7., -8., -47., 58., -11., -30., 102., 47., -74., -96.,
           -68., -20., -74., -61., 31., -57., -288., -217., -169.,
            -3., -52.]]]], grad fn=<SliceBackward>)
diff tensor(0.0071, dtype=torch.float64, grad_fn=<MaxBackward1>)
diff tensor(0.0070, dtype=torch.float64, grad_fn=<MaxBackward1>)
```



```
[[ 32/68.]]]], grad_tn=<MulBackward0>)
float motion0 tensor([[[ 1.6785e-04, 2.8229e-04, 1.5259e-04, 9.9182e-05, 2.2125e-04,
           2.9755e-04, 1.7548e-04, 1.1444e-04, 2.4414e-04, 4.2725e-04,
          -9.1553e-05, -1.6785e-04, -2.6703e-04, -1.2970e-04, -1.9073e-04,
           1.8311e-04, 2.2888e-04, 3.8910e-04, 3.0518e-04, 3.9673e-04
           3.4332e-04, 2.6703e-04, 1.6022e-04, 1.4496e-04, 1.6785e-04
           3.0518e-04, 2.6703e-04, 6.8665e-04, 1.8311e-04, -3.8910e-04,
          -3.0518e-05, 2.2888e-04]]]], grad fn=<SliceBackward>)
int_motion0 tensor([[[ 22., 37., 20., 13., 29., 39., 23., 15., 32., 56., -12.,
          -22., -35., -17., -25., 24., 30., 51., 40., 52., 45., 35.,
           21., 19., 22., 40., 35., 90., 24., -51., -4., 30.]]]],
      grad fn=<SliceBackward>)
float_motion1 tensor([[[[-2.1362e-04, -3.5095e-04, -1.6785e-04, -6.1035e-05, 0.0000e+00,
          -1.5259e-05, -3.9673e-04, -6.4087e-04, -4.1199e-04, -1.6785e-04,
           1.9836e-04, 4.5776e-04, 1.5259e-04, -7.6294e-05, -2.4414e-04,
          -2.5940e-04, -4.4250e-04, -6.1035e-04, -3.5095e-04, -9.1553e-05,
          -2.2888e-04, -4.4250e-04, -4.7302e-04, -5.3406e-04, -7.6294e-05,
           2.4414e-04, 4.2725e-04, 7.1716e-04, 1.8311e-04, -2.2888e-04,
          -2.5940e-04, -3.6621e-04]]]], grad_fn=<SliceBackward>)
int_motion1 tensor([[[[-14., -23., -11., -4., 0., -1., -26., -42., -27., -11., 13.,
           30., 10., -5., -16., -17., -29., -40., -23., -6., -15., -29.,
          -31., -35., -5., 16., 28., 47., 12., -15., -17., -24.]]]],
      grad fn=<SliceBackward>)
float_motion2 tensor([[[[ 2.5940e-03, 1.4343e-03, 1.0681e-03, -5.7983e-04, -3.4180e-03,
          -1.4038e-03, -1.5869e-03, -1.5259e-04, 4.0588e-03, 3.0518e-04,
           2.1362e-04, -2.4414e-04, -1.4343e-03, 1.7700e-03, -3.3569e-04
          -9.1553e-04, 3.1128e-03, 1.4343e-03, -2.2583e-03, -2.9297e-03,
          -2.0752e-03, -6.1035e-04, -2.2583e-03, -1.8616e-03, 9.4604e-04,
          -1.7395e-03, -8.7891e-03, -6.6223e-03, -5.1575e-03, 3.0518e-05,
          -9.1553e-05, -1.5869e-03]]]], grad_fn=<SliceBackward>)
int_motion2 tensor([[[ 85., 47., 35., -19., -112., -46., -52., -5., 133., 10.,
             7., -8., -47., 58., -11., -30., 102., 47., -74., -96.,
           -68., -20., -74., -61., 31., -57., -288., -217., -169., 1.,
            -3., -52.]]]], grad_fn=<SliceBackward>)
float_motion0 * 0.5 tensor([[[ 8.3923e-05, 1.4114e-04, 7.6294e-05, 4.9591e-05, 1.1063e-04,
           1.4877e-04, 8.7738e-05, 5.7220e-05, 1.2207e-04, 2.1362e-04,
          -4.5776e-05, -8.3923e-05, -1.3351e-04, -6.4850e-05, -9.5367e-05,
           9.1553e-05, 1.1444e-04, 1.9455e-04, 1.5259e-04, 1.9836e-04
           1.7166e-04, 1.3351e-04, 8.0109e-05, 7.2479e-05, 8.3923e-05,
           1.5259e-04, 1.3351e-04, 3.4332e-04, 9.1553e-05, -1.9455e-04,
          -1.5259e-05, 1.1444e-04]]]], grad fn=<SliceBackward>)
float_motion1* 0.5 tensor([[[[-1.0681e-04, -1.7548e-04, -8.3923e-05, -3.0518e-05, 0.0000e+00,
          -7.6294e-06, -1.9836e-04, -3.2043e-04, -2.0599e-04, -8.3923e-05,
           9.9182e-05, 2.2888e-04, 7.6294e-05, -3.8147e-05, -1.2207e-04,
          -1.2970e-04, -2.2125e-04, -3.0518e-04, -1.7548e-04, -4.5776e-05,
          -1.1444e-04, -2.2125e-04, -2.3651e-04, -2.6703e-04, -3.8147e-05,
           1.2207e-04, 2.1362e-04, 3.5858e-04, 9.1553e-05, -1.1444e-04,
          -1.2970e-04, -1.8311e-04]]]], grad fn=<SliceBackward>)
float_motion2* 0.5 tensor([[[0.5013, 0.5007, 0.5005, 0.4997, 0.4983, 0.4993, 0.4992, 0.4999,
          0.5020, 0.5002, 0.5001, 0.4999, 0.4993, 0.5009, 0.4998, 0.4995,
          0.5016, 0.5007, 0.4989, 0.4985, 0.4990, 0.4997, 0.4989, 0.4991,
          0.5005, 0.4991, 0.4956, 0.4967, 0.4974, 0.5000, 0.5000, 0.4992]]]],
      grad fn=<SliceBackward>)
diff tensor(0.0071, dtype=torch.float64, grad fn=<MaxBackward1>)
diff tensor(0.0070, dtype=torch.float64, grad fn=<MaxBackward1>)
```

```
grad fn=<SliceBackward>)
coor_x_1 tensor([[[-1.0001, -0.9991, -0.9980, -0.9969, -0.9959, -0.9949, -0.9938,
         -0.9928, -0.9918, -0.9908, -0.9895, -0.9885, -0.9874, -0.9864,
         -0.9853, -0.9845, -0.9834, -0.9825, -0.9814, -0.9804, -0.9793,
         -0.9782, -0.9772, -0.9761, -0.9751, -0.9741, -0.9730, -0.9722,
          -0.9709, -0.9696, -0.9687, -0.9678]]], grad fn=<SliceBackward>)
coor_y_1 tensor([[[-0.9999, -0.9998, -0.9999, -1.0000, -1.0000, -1.0000, -0.9998,
          -0.9997, -0.9998, -0.9999, -1.0001, -1.0002, -1.0001, -1.0000,
         -0.9999, -0.9999, -0.9998, -0.9997, -0.9998, -1.0000, -0.9999,
         -0.9998, -0.9998, -0.9997, -1.0000, -1.0001, -1.0002, -1.0004,
          -1.0001, -0.9999, -0.9999, -0.9998]]], grad fn=<SliceBackward>)
coor_x_2 tensor([[[-0.9999, -0.9988, -0.9978, -0.9968, -0.9957, -0.9946, -0.9937,
          -0.9926, -0.9915, -0.9904, -0.9896, -0.9886, -0.9876, -0.9865,
         -0.9855, -0.9843, -0.9832, -0.9821, -0.9811, -0.9800, -0.9790,
         -0.9780, -0.9770, -0.9760, -0.9749, -0.9738, -0.9728, -0.9715,
          -0.9707, -0.9700, -0.9687, -0.9676]]], grad fn=<SliceBackward>)
coor_y_2 tensor([[[-1.0001, -1.0002, -1.0001, -1.0000, -1.0000, -1.0000, -1.0002,
          -1.0003, -1.0002, -1.0001, -0.9999, -0.9998, -0.9999, -1.0000,
         -1.0001, -1.0001, -1.0002, -1.0003, -1.0002, -1.0000, -1.0001,
         -1.0002, -1.0002, -1.0003, -1.0000, -0.9999, -0.9998, -0.9996,
                      0001 -1 0001 -1 0002]]] grad fn-<SlicoBackwards)
```