DPCT1003 analysis：

1. Total number of 1003 warning： 154
2. Total number of projects have this warning: 11
3. Total number of files have this warning: 11
4. Number of projects miss the dpct-version: 0
5. Number of files miss the dpct-version: 0
6. Available projects have this warning: 11
7. Available files have this warning: 11
8. Available data: 154

Warning message type：

|  |  |
| --- | --- |
| Message\_id | Message |
| 4 | Migrated API does not return error code. (\*, 0) is inserted.  You may need to rewrite this code. |
| 15 | Migrated API does not return error code. (\*, 0) is inserted. You  may need to rewrite this code. |
| 25 | Migrated API does not return error code. (\*, 0) is inserted.  \* You may need to rewrite this code. |
| 72 | Migrated API does not return error code. (\*, 0) is  inserted. You may need to rewrite this code. |

------------------------------------------------------TYPE1--------------------------------------------------------------

DPCT code:

CHECK\_CUDA((lattice\_w = (signed char \*)sycl::malloc\_device(nx \* ny / 2 \* sizeof(\*lattice\_w), q\_ct1),0));

CHECK\_CUDA((dev\_ct1.queues\_wait\_and\_throw(), 0));

CHECK\_CUDA((q\_ct1.memcpy(lattice\_b\_h, lattice\_b, nx \* ny / 2 \* sizeof(\*lattice\_b)).wait(),0));

Manual code:

lattice\_w = (signed char \*)sycl::malloc\_device(nx \* ny / 2 \* sizeof(\*lattice\_w), q\_ct1);

dev\_ct1.queues\_wait\_and\_throw();

q\_ct1.memcpy(lattice\_b\_h, lattice\_b, nx \* ny / 2 \* sizeof(\*lattice\_b)).wait();

1. Number of Type1 (not same = False): 8
2. Number of Type2 (same = True): 146
3. SUM 154