

Parameters of filter are fixed during one data processing session which may contains many procedure runs.

```
__global__ void handleData  
    (int* filterParams, int* data, ...)  
{  
    __shared__ int cachedFilterParams[size];  
  
    /*some code to load filterParams  
     to cachedFilterParams*/  
    ...  
}
```

In real-world cases we have a huge number of data chunks. Thus we have multiple procedure runs.

Filter params are read only,so we copy it into shared memory to reduce memory traffic