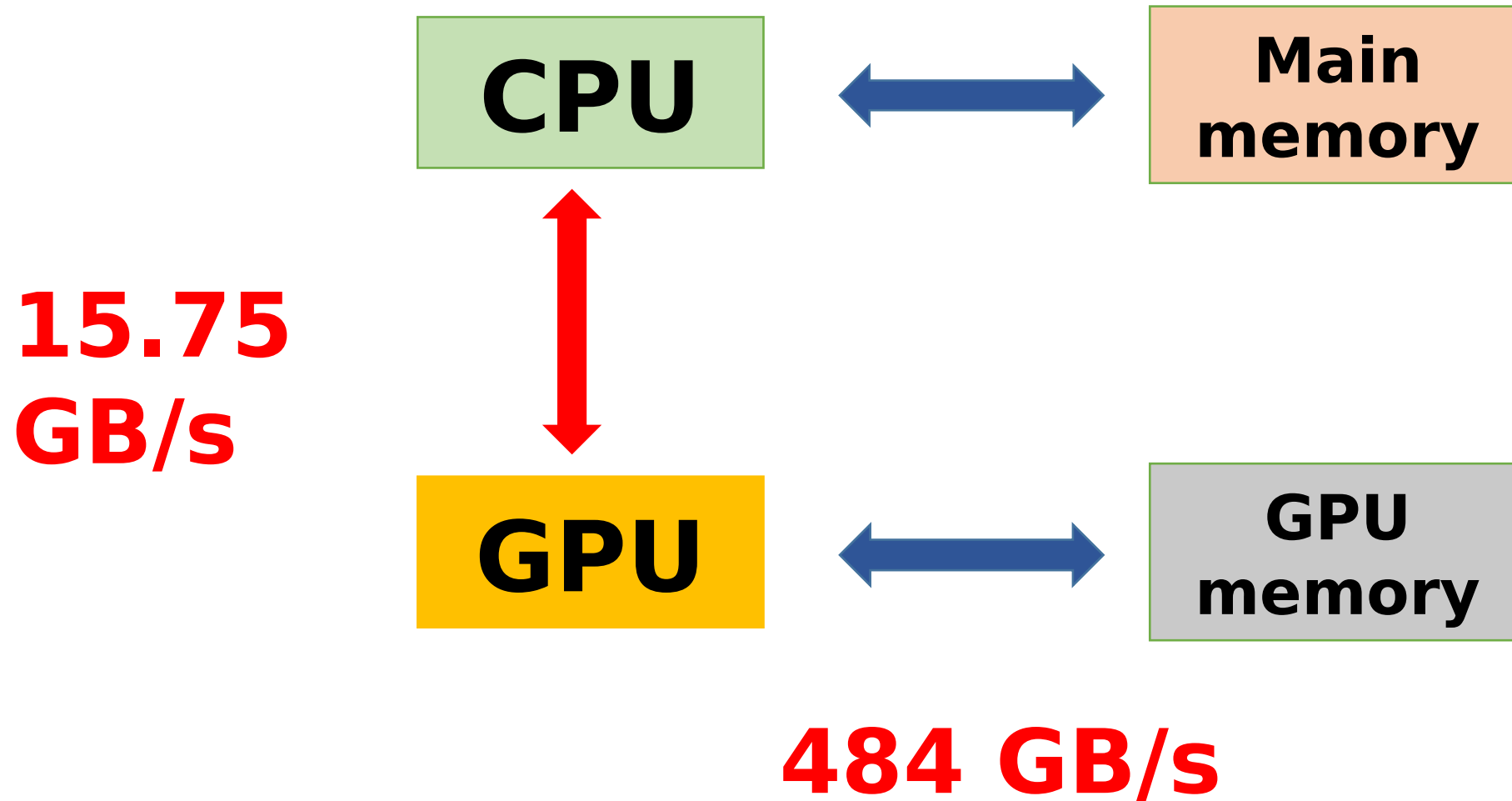


Memory management

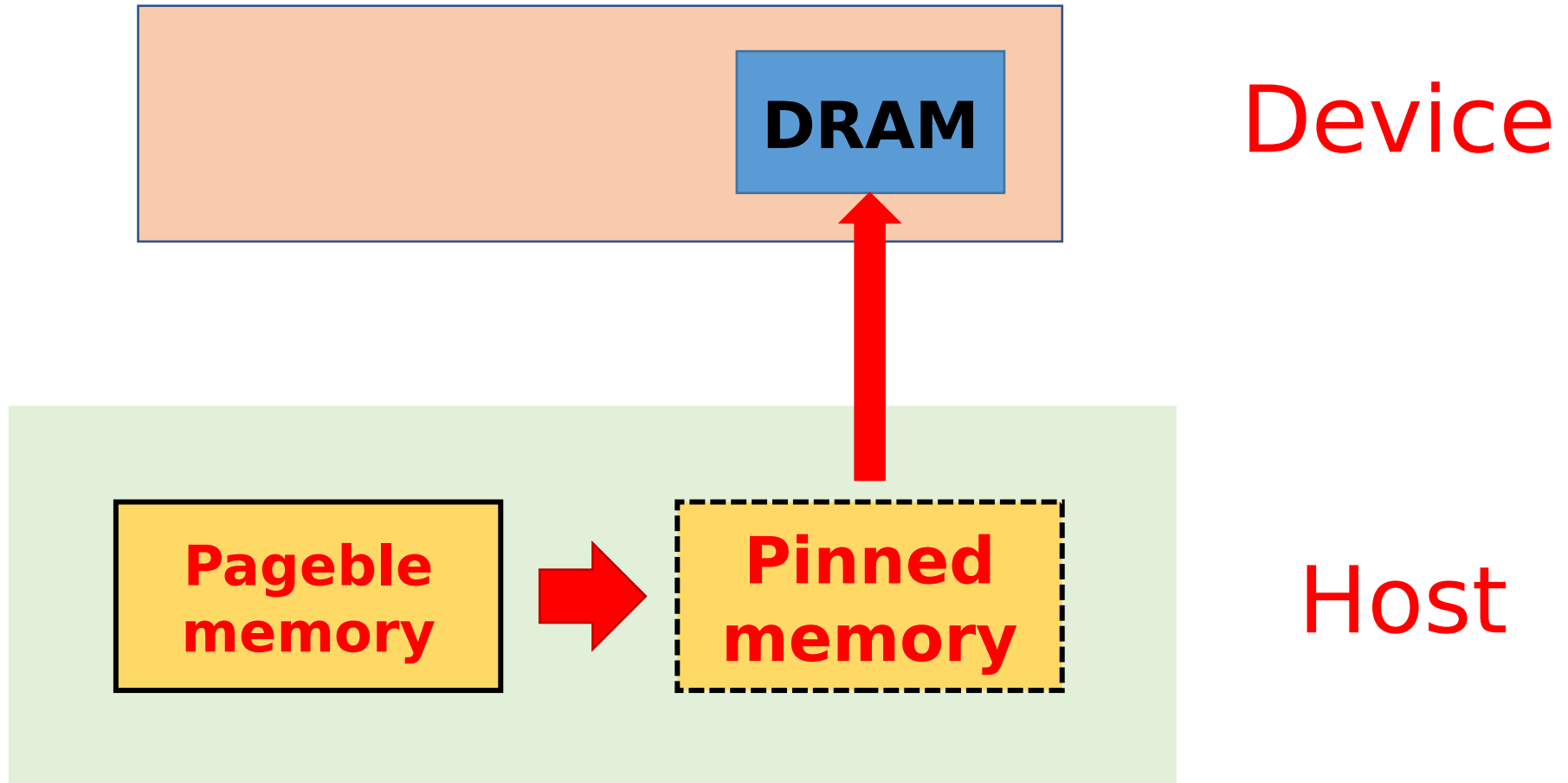
- Host
 - Malloc
 - free
- Device
 - cudaMalloc
 - cudaFree
 - cudaMemcpy



Pinned memory

- Allocated host memory is by default peggable.
- The GPU cannot safely access data in pageable host memory

Pinned memory



Pinned memory

```
cudaError_t cudaMallocHost ( void ** devPtr,  
size_t count);
```

```
cudaFreeHost( void * ptr );
```